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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, November 10, 1989
9:00 a.m.

- Vice President Lyon presiding -

PRESENT: Regents Clusen, Davis, DeLong, Doughty Luckhardt, Dreyfus, Flores, Gelatt, Gundersen, Hanson, Lyon, Nicholas, Nikolay, Vattendahl, Vos, and Weinstein

ABSENT: Regents Grover and Schilling

Election of Regent Gundersen as Vice President Pro Tempore

Regent Gundersen was unanimously elected Vice President Pro Tempore for this meeting, upon nomination by Regent Weinstein and seconded by Regent Davis.

Approval of the Minutes

Upon motion by Regent Nikolay, seconded by Regent Davis, the minutes of the October 6, 1989, regular meeting of the Board of Regents were approved as distributed.

Report on October 20, 1989, Meeting of the Higher Educational Aids Board, p. 1

Regent Vice President Lyon referred to the written report of the October 20, 1989, meeting of the Higher Educational Aids Board, which was attended by Regent members Doughty Luckhardt, Nicholas and Nikolay.

VTAE

Report by the President of the State VTAE Board, p. 2

A written report was provided by Regent DeLong, President of the State Board of Vocational, Technical and Adult Education.

Legislature

Report on Legislative Issues involving UW & VTAE, UW policy on drugs, non-resident tuition & family farms, p. 2

Reporting on recent legislative actions, Vice President Bornstein advised the Board that the Assembly passed and forwarded to the Senate Assembly Bill 431, which would require UW and VTAE institutions to include in their orientation programs information on date rape and to report such assaults to the Office of Justice Assistance in the Department of Administration. While appreciating the sponsor's intent, System Administration had concerns related to this legislation: First, it would mandate educational content at orientation and would not take into account what the universities currently do; second, it would infringe on faculty responsibility for education programs.

As part of the legislative deliberation on drug-related bills, the Joint Committee on Finance approved an amendment to one of the bills that would require the University of Wisconsin System to expel for one year a student convicted twice of drug possession and to expel for three years a student convicted of drug possession with intent to sell. While supporting the author's intent, System Administration did not believe the legislation was appropriately drafted. There was concern that it would run counter to drug rehabilitation programs, would infringe upon the authority of the Board of Regents, and could result in termination of university education programs at the Oxford Correctional Institution and other state institutions.

Senate Bill 37, introduced by Senator Jauch, would extend the exemption for nonresident tuition to public employees and their dependents moving into the State of Wisconsin. Such an exemption already existed for private sector employees. Action at this time was not considered likely.

Senate Bill 344, relating to the study of family farm issues, was being examined for potential revision. Action on that bill was not expected at this time.

Reports - Staff

Status Report on New Board of Regents Staff Positions, pp 2-3

Regent Vice President Lyon reported that, on November 1, Regent President Schilling sent letters soliciting nominations for the new Board staff positions to a list of approximately 100 recipients. Nominations were to be submitted by November 15. Copies of the letter, the list of recipients and the position descriptions were provided to the Regents. The positions also were advertised in the Sunday, November 5, editions of *The Milwaukee Journal* and the *Wisconsin State Journal*. While it was too early to report any results, the response to date had been encouraging.

Once nominations and applications are received, the Executive Committee will screen the candidates and conduct interviews. All Regents who wish to

participate will be invited to join the Executive Committee in the interview process.

Recommended candidates will be presented to the full Board of Regents, and the Board will act on the appointments.

UW Hospital & Clinics - Council of Trustees - Report on patient activity & budget, expansion of patient parking & agreement on nursing contract, pp 3-4

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

Regent Flores, Chair of the Council, reported that in October admissions were up 18 percent and patient-days up nearly seven percent over the previous October. Year-to-date admissions were up 5.3 percent and patient days were down 1.2 percent over the previous year.

Superintendent Derzon reported that the hospital's net income was ahead of budget primarily because Medicare reimbursement had been higher than anticipated. The federal government had not yet implemented the anticipated reductions in Medicare reimbursement for indirect cost of medical education, which would have a significant negative financial impact on the hospital.

The Superintendent discussed the new nursing contract, which incorporated most of the hospital's recommendations, including salary adjustments based on level and length of experience, continuation of health insurance coverage at 105 percent of the lowest premium, and a 50 percent contribution toward health insurance during the first six months of employment. Mr. Derzon stated that the new contract should enable the hospital to remain competitive within the Madison marketplace over the two-year contract term. He also noted that, thanks to the effort of numerous volunteers and hospital staff, the hospital was able to maintain appropriate patient care services during the one-day "white flu" staged by many of its nurses prior to the contract settlement. However, he and other members of the Council expressed concern that such actions could potentially have a serious impact on patient care. The nurses' previous contract had expired in July.

The Council approved a motion by Regent Weinstein to recommend to the Board of Regents that the System consider efforts to encourage more timely negotiations for the next contract period in 1991-93. During the discussion, Vice Chancellor Noren advised that, although the bargaining team reached agreement on the nursing contract last week, it neither had been ratified by the union nor approved by the Joint Committee on Employment Relations.

The Council heard a report on the status of the lawsuit by Children's Hospital of Wisconsin in Milwaukee over the University's use of the name "University of Wisconsin Children's Hospital." A motion to dismiss the suit against the Regents on the basis of sovereign immunity was accepted by Children's Hospital of Wisconsin with the understanding that the suit may be amended and refiled sometime in the future.

Associate Superintendent Les Brower provided an update on plans to expand parking at the hospital with a new patient parking facility to be constructed over a portion of the current parking lot. Construction is

scheduled to begin next September with completion in August 1991. Next spring, several temporary parking lots will be developed to accommodate parking spaces displaced by the construction.

The Council heard a presentation by Dr. Norman Fost, who directs the University's program in medical ethics as well as the hospital's human subjects and ethics committees. He noted that UW-Madison has one of the nation's oldest and largest programs in medical ethics, drawing from faculty in medicine, law and philosophy. Ethical dilemmas in medicine are increasing, largely due to technological advances, and the program in medical ethics plays an active role in consultation on ethical issues throughout the hospital and the university.

Following approval of new medical staff appointments, the meeting adjourned to a tour of the hospital's new outpatient facility, University Station Clinics, which houses eight specialty care clinics.

Concluding his report, Regent Flores indicated that, on December 8, there will be a tour for the Regents of the UW Hospital and the new University Station Clinics. Lunch will be served at the hospital.

Regent Nikolay asked why construction of the parking lot was being started in September.

In reply, Vice Chancellor Noren explained that it would be necessary to build temporary parking for about 400 spots in the spring and that asphalt could not be poured until frost is out of the ground. The temporary lots should be completed by next August or September. Construction of the main ramp then can begin and will be completed about eleven months later.

With regard to the nurses' contract negotiations, Regent Weinstein noted that the nurses did not fail to report to work until four months after the contract expired. It had been said that negotiations did not even begin until after the contract expired. What finally happened was that the nurses became frustrated because they felt that the issues they were raising were not being taken seriously. Their job action was highly unusual because of their great devotion to patients and was evidence of the extent of their frustration. The purpose of the motion passed by the Council was to ask that attention be given to the process by which these negotiations are conducted.

President Shaw said he and his staff would look into the matter.

Students

Welcome to Visiting Student Body Presidents *from UW Stevens Point, Oshkosh, Eau Claire, Green Bay, La Crosse & Whitewater*
P. 4

Regent Vice President Lyon introduced the following student body officers and welcomed them to the meeting: Brenda Leahy of UW-Stevens Point; Mike Furnner, Cleve Shultz, and Steve Kickland of UW-Oshkosh; Scott Suder, Scott Smith, and Kathy Sirovatka from UW-Eau Claire; Tim Kalies and Eric Rasmussen from UW-Green Bay; Pat Peyer from UW-La Crosse; and Dave Richter and Jody Peck from UW-Whitewater.

REPORT OF THE PRESIDENT OF THE SYSTEM

Report of Nonpersonnel Actions

It was moved by Regent Dreyfus, seconded by Regent Davis and unanimously carried, that the following resolution be adopted by the Board of Regents:

Resolution 5350: 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.

Regents - Presentation

→ Presentation: Principles of Assessment for Engineering Programs, UW-Platteville, pp 5-10

Outlining the background for UW System assessment programs, President Shaw reported that in February 1987 Governor Thompson expressed pleasure with the System's commitment to have in place by 1991 assessment of students' English and mathematics skills at the end of their sophomore year. As a part of *Planning the Future*, pilot programs were developed at UW-Eau Claire, UW-Oshkosh, UW-Platteville, UW-Superior, UW-Parkside and the UW Centers, and a timetable was established to meet the Governor's request for a report on the results of the assessment pilot programs. A UW System Assessment and Testing Advisory Council was appointed in September 1987, which included representatives from the Department of Public Instruction and each institution in the University System. The Council was charged with development of a systemwide approach to assessment for math and English. In February 1988, a systemwide assessment conference was held which attracted approximately 300 people, and national experts made presentations. Based on the Council's recommendations and comments from UW System institutions, a list of "President's Recommendations on Assessment in the UW System" was issued in July of this year.

UW-Platteville - Presentation to Board on Principles of Assessment for Engineering Programs, pp 5-10

The UW System will be ready to assess sophomore competencies in verbal and quantitative skills by the 1991 deadline, and each campus now is developing its own plan. A meeting of Vice Chancellors is scheduled for this month to discuss the status of these efforts; by April 1990, planning documents are due from the institutions; and in August 1990, each institution will begin a year of prototype testing in order to be ready for fall of 1991.

The President believed that the presentation at this meeting would provide an exceptional example of the values that can be derived from properly designed and executed assessment efforts, and he hoped for continued efforts in this area. In early 1990, a planning paper will be released on assessment to address issues of outcomes relating to how the goals could be better stated and how to better accomplish measurement.

UW-Platteville Chancellor Chmurny stated that this presentation focuses on the College of Engineering assessment program, one of many such

assessments being conducted on that campus. He then introduced the presenters: Vice Chancellor Lee Halgren; Dean Ross McDonald of the College of Engineering; Civil Engineering Professor Earl McCullough; Mechanical Engineering Professor Kurt Rolle.

Vice Chancellor Halgren noted that five of the six pilot projects dealt with assessment of general education and basic skills, while the sixth, a discipline-based project, was initiated within UW-Platteville's College of Engineering because of the need for maintenance of quality and further improvement of instruction within the college, effective use of limited resources, and the desire to establish UW-Platteville as a recognized national leader in undergraduate engineering education. The approach to assessment is multi-dimensional, including approaches that have been used for many years at UW-Platteville and others that are relatively new. It also contains a research element that attempts to correlate various assessment approaches as predictors of student success.

Dean McDonald described the program as evolving and exciting, essentially involving every faculty member in the college. While several elements of the assessment program already were in place, it was discovered that one of the most vexing problems--the low rate of retention of new freshman engineering students--was not being addressed adequately by the standard assessment tools. This led to selection of three goals for initial assessment programs: (1) Increase substantially the number of freshman engineering students who elect to continue in the academically rigorous engineering program; (2) measure the quality of UW-Platteville professional engineering programs by national standards and improve where indicated; and (3) measure and improve the quality of current College of Engineering courses--material covered, teaching quality, laboratory work, textbooks, design projects.

A study of the first goal, to improve freshman retention, revealed that the sophomore class traditionally is about half as large as the previous year's freshman class. There are at least two major types of significant losses or costs associated with this high rate of freshman attrition. First, many of the students who drop out of engineering are very frustrated and feel they have wasted a year of their life, suffering a blow to their self-esteem and possibly showing a poor university transcript. The second significant cost is to the institution when, in any one year, dozens of students are enrolled and taught in multiple sections of mathematics, chemistry and freshman engineering courses which often the students do not wish to take, leading to a very significant loss of valuable university resources.

The second component of the assessment program is an opportunity to explore and develop an experimental placement tool directed toward improving the freshman retention rate. Highlighting the three current tools of assessment used to place freshman students at UW-Platteville, Dean McDonald noted that all three tools measure acquired skills, not aptitude nor interest. The Mathematics Department developed an algorithm--a model--for placing students in mathematics courses, consisting of eight levels of math courses. Some freshman engineering students actually take high school arithmetic. From there they go through trigonometry, college algebra pre-calculus, calculus I, and calculus II. Some students are even ready to finish advanced calculus when they enter. There are other models developed

to place students in English and chemistry, but those models are more simple because there are only about three levels of placement required. The problem remains that, in spite of all this placement activity, a significant fraction of freshman engineering students are lost through attrition.

The current experimental tool being used is the NEAS (National Engineering Aptitude Search) Test--designed to predict individual probability of success in engineering. It began about 25 years ago by the NSPE (National Society of Professional Engineers) and it has been administered to high school seniors for many years by the JETS, a division of the NSPE. Approximately six years ago, the test was modified by the ACT when it began its administration. About three years ago, at the Engineering Deans' Conference of the American Society of Engineering Education, the NSPE and ACT asked the engineering deans to approve this test as the official accepted vehicle for interest in the college engineering programs, and they asked for a volunteering institution to research the test. UW-Platteville volunteered and appears to be the only school that is currently in this program.

Research plans for NEAS Test are very simple. The required test is given to all new freshmen engineering students on campus during the first week of the fall semester. A database then is created to track all students through the College of Engineering until they succeed with a diploma in engineering or have dropped out of engineering. This fairly simple process, he said, is becoming more complex, as would be explained by Professor McCullough. Three faculty members comprised the research team for this project, which costs about \$15 per student to administer and which is funded by industrial grants. All companies who hire the graduates are asked to support this test, and eight are currently active supporters.

Professor McCullough reported that the National Engineering Aptitude Search is a three-hour written examination covering the areas of mathematics, science and problem-solving. Individual subject area scores are used for mathematics, science, problem-solving and a composite score, as well as some interest areas and the student's interest in science and technology. ACT scores are also used. After the student's first semester, information is available from the Registrar, showing the first-semester grade point average. All these figures are entered into an extensive database for each student. Using this database, the goal is to predict success in an engineering curriculum. The student's grade point averages are tracked each semester until graduation and are compared to NEAS test scores by a method called linear regression. This statistical method compares any two items in the database and shows their correlation. The first comparison made is between the NEAS and ACT scores. ACT results have a history of usage in this country and in Wisconsin, and it was thought to be a good standard for comparison. There is a large spread of data about the regression lines and some inconsistency in the student's grade point average versus the NEAS composite score. About 16 comparisons have been made to date. A further comparison is the student's calculus I grade versus the NEAS math score, but there have been no predictable success results to date. As students are tracked all the way, a relationship is anticipated with NEAS test scores and engineering education success.

Professor McCullough concluded by stating that they are about two years into a ten-year project, with the database growing each semester. A new

model is being developed to allow comparing the grade point average to more than one item at a time. A multiple linear regression model will allow all of the NEAS subject scores as well as the interest area scores to be examined simultaneously. It is hoped that this new model will point to the areas of the NEAS test that predict success in an engineering curriculum.

Dean McDonald continued by stating that the second goal determining the quality of undergraduate engineering programs is to use nationally recognized standards and to improve those programs where indicated. Seven assessment tools are used to measure the quality of the four professional programs against national or regional standards, the first being the ABET accreditation cycle requiring a very large self-assessment. The Engineer-In-Training examination is the first that an engineering student takes to become a professional engineer, and 85-90 percent participate very successfully. A program with the Wisconsin Society of Professional Engineers has been developed to use the data in the EIT examination to check the validity of courses in fluid mechanics, thermodynamics, heat transfer and solid mechanics. This enables the campus to use students' answers to improve classroom performance in certain areas.

Regent Davis asked the percentage of all engineering students in the state taking that test, to which Dean McDonald responded that there is a vast variance, but he estimates it could be less than 50 percent.

Another assessment tool used, the Dean continued, is job placement results. The Engineering School's placement being typically 100 percent, he said the concern is primarily what companies hire the graduates, what their job titles are, and what salaries they will earn. In the last five years, graduates' salaries have approached national standards; last year, in two disciplines, the average salary paid graduates exceeded the national average and two disciplines were slightly below the national average. The result, he predicted, is based upon local demand for students.

Coop evaluation is another valuable source of assessment information for this program, since this evaluation typically involves students from several colleges in their shop at one time and comparison is made between students of Platteville with students of other institutions.

The alumni survey also is a very valuable source of information about the programs. There are UW-Platteville alumni employed in almost every state and in many nations around the world, and they are quick to say what they think of the program and suggest additional necessary courses.

The senior design projects are another important element of assessment activity, since their designs for industry are often compared with those of other schools.

There is also an Industrial Advisory Board consisting of 35 companies in the Platteville area who advise on this program and are extremely supportive.

The last goal is to improve the quality of the classrooms in material coverage, teaching quality, lab, design projects, and textbooks. This also is accomplished with three tools. The annual peer evaluation and annual

evaluation by students are procedures that are well-developed and codified in the faculty governance and student governance procedures.

The annual alumni survey also is a very important aspect to check the quality of courses.

In summary, Dean McDonald said that the venture into assessment made at UW-Platteville has been most rewarding, very interesting, and is still in the embryonic stage, with a long way to go, but getting better every semester.

Vice Chancellor Halgren concluded the presentation by stating that there is no one suitable approach to assessment, but rather, assessment efforts must be developed around the unique educational objectives that separate one discipline or, indeed, one institution from another. In addition to the College of Engineering Assessment Project, he said, there is a value-added assessment project in the Department of Economics. A review and revision of the general education program at UW-Platteville just has been completed and an assessment program will be implemented. Development of an assessment program of verbal and quantitative skills of students completing their sophomore year has begun. Use of a multi-dimensional approach to assessment in the College of Engineering has made a positive impact on the quality of the undergraduate engineering programs, and the assessment strategies will provide students with a quality of instruction and programs that they deserve. It is hoped that these efforts will aid in meeting the objective of becoming a national leader in undergraduate engineering education.

Regent Dreyfus asked when the school knows if a student should not be majoring in engineering, to which Dean McDonald replied that the chief tool is the grade point average which can be determined as early as the first semester.

Regent Dreyfus further asked at what point it is evident that the student in the curriculum is going to graduate, and Dean McDonald said that in their general engineering program there is a series of courses that must be completed with a certain grade point average. If those courses are completed with an acceptable grade point average, the students are almost guaranteed graduation. The determination can be made after three semesters.

Regent Weinstein asked if there is a correlation between the ACT test and the engineering test, but no correlation between the engineering test and success in the School of Engineering. The reply was that there is a general trend upward--the higher the grade point average, the higher the scores on those tests. The hope is that, by the end of the first semester, when some of the students drop out, their scores can be reviewed to see if those are the people who really had low scores on the NEAS test.

Regent Weinstein suggested that the findings could reveal that there are people who are merely proficient in taking tests but would not necessarily do very well in school.

Dean McDonald thought that grades alone might not make a student want to be a good engineer. They could have good grades in all the courses and the right work on their transcripts, but still not be suited for

engineering. The students who drop out of engineering could be well qualified to complete the degree, but identifying those who are interested in engineering and want to be engineers would produce a much higher success rate. This is the reason why, in the new model, emphasis is on interest in engineering and technology, in order to determine if that is a factor. With a multiple model, many factors can be used to understand the significant determining items.

Regent Weinstein doubted the importance of tests alone to predict success.

Professor McCullough stated that one factor alone cannot be used; all determining factors must be used for identification.

Noting that UW-Platteville's statistics indicate a 50 percent drop-out rate after the freshman year and a rapid growth in the number of seniors beginning in the early 1980s, Regent Davis noted the latter indicates students taking longer to graduate. He asked if the reasons were a problem of course availability, a resource issue, or a course load issue, since the rise begins quite dramatically, although enrollment management seems to have a slight impact.

Dean McDonald replied that one of several reasons relates to bookkeeping. A student is a freshman with 1-29 credits and becomes a senior after finishing 90 credits of coursework. An engineering degree requires 135 credits, which is 45 credits deficient of graduating. The engineering student then, after earning the status of senior with 90 credits, still has at least three more semesters of work ahead. About two-thirds of the students also are in the coop program which slows them down a year. Their transcripts show many credits, but they do not progress toward the degree in that program. Then there is the matter of transfer students who enter with the intention of earning a degree in something other than engineering. They enter with many credit hours on their transcripts but almost nothing for the engineering program. They are categorized as freshmen in the College of Engineering, but the computer calls them juniors or seniors because of their previous college work.

Regent Davis said he could understand the magnitude of the numbers but was not sure they addressed the issue of the increase in the number of seniors over time.

Summarizing what an assessment can and cannot do, President Shaw stated that it first starts with a statement of goals, which has been done. Second, UW-Platteville has attempted the difficult task of measuring how it is doing, and that measurement would be different for each college or department. Third, is the component of why it is being done, and a proper answer should not be merely comparison with other schools or places, but improvement of what is beginning done. He praised the presenters for following this proper approach to the process.

REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

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

Consent Agenda Items

Reporting unanimous Committee approval of Resolutions 5351 to 5353, Regent Gundersen moved their adoption as consent agenda items by the Board of Regents.

The motion was seconded by Regent Nikolay and carried unanimously.

UW-River Falls - Bldgs & Land

UW-River Falls: Authority to Execute a Utility Easement to Wisconsin Bell, Inc., R 5351, p. 11

Resolution 5351: That, upon the recommendation of the UW-River Falls Chancellor and the President of the University of Wisconsin System, approval be granted for an easement to Wisconsin Bell, Inc., covering a 16.5-foot right-of-way for a distance of approximately 4,880 feet on the west and south edge of the Mann Valley Farm in the Town of Troy, St. Croix County. The telephone company will make a one-time token payment of \$244 (\$.05 per lineal foot) for this easement.

UW-Milwaukee - Bldgs & Land

UW-Milwaukee: Authority to Construct EMS Building and Sandburg Hall Structural Level Parking Deck Repair and Restoration, R 5352, p. 11

Resolution 5352: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, authority be granted to bid and construct a 1989 EMS Building and Sandburg Hall Structural Level Parking Deck Repair and Restoration project, for an estimated total project cost of \$739,300 of Program Revenue funds.

UW System: Approval to Construct Minor Projects

Resolution 5353: That, upon the recommendation of the UW-Eau Claire, UW-La Crosse, UW-Madison, UW-Milwaukee, UW-Parkside and UW-River Falls Chancellors and the President of the University of Wisconsin System, authority be granted to bid and construct the following minor projects, at the costs and from the funding sources indicated, summarized as follow:

General Fund Supported Borrowing -	
Health, Safety and Environment Program	\$ 189,000
Minor Project Allocation	1,144,500
Maintenance	498,600
Program Revenues	<u>381,800</u>
	\$2,213,900

UW-Eau Claire - Bldg + Land - Approval of

~~UW-Eau Claire - Fine Arts Center X Asbestos Abatement; \$189,000, General Fund Supported Borrowing - Health, Safety and Environment Program~~

~~Phillips Hall Office Ventilation, \$214,000, General Fund Supported Borrowing - Minor Project Allocation~~

Sand → ~~Parking Lot Redevelopment, \$50,800, Program Revenues~~ R 5353, PP 11-12

UW-La Crosse - Bldg + Land -

Approval of → ~~UW-La Crosse - Outdoor Tennis Courts Resurfacing, \$190,400, General Fund Supported Borrowing - Maintenance~~ R 5353, PP 11-12

Bldg + Land - Approval of

~~UW-Madison - General Assignment Lecture Halls Remodeling, \$240,000, General Fund Supported Borrowing - Minor Project Allocation~~

and → ~~Kohler Art Library Movable Compact Storage System, \$244,000, General Fund Supported Borrowing - Minor Project Allocation~~ R 5353, PP 11-12

~~Sterling Hall Seventh Floor Addition, \$246,500, General Fund Supported Borrowing - Minor Project Allocation~~

UW-Milwaukee - Bldg + Land -

Approval of → ~~UW-Milwaukee - Central Heating Plant Chillers Repair, \$140,800, General Fund Supported Borrowing - Maintenance~~

Sand → ~~Norris Health Center Second Floor Remodeling, \$200,000, General Fund Supported Borrowing - Minor Project Allocation~~ R 5353, PP 11-12

UW-Parkside - Bldg + Land -

Approval of → ~~UW-Parkside - Wylie Library-Learning Center Hot Water Lines Replacement, \$167,400, General Fund Supported Borrowing - Maintenance~~

R 5353, PP 11-12

UW-River Falls - Bldg + Land -

Approval of → ~~UW-River Falls - Hagestad Student Center Asbestos Abatement - Phase II, \$225,000, Program Revenues~~
~~Hathorn Hall Window Replacement, \$106,000, Program Revenues~~

R 5353, PP 11-12

(Xref) Restora - (same "add" at UW-River Falls)

UW-Whitewater - Bldg + Land -

UW-Whitewater: Approval of Design Report and Authority to Plan Multi-Purpose Auditorium Project, R 5354, PP 12-13

Regent Gunderson reported unanimous committee approval of the design report and authority to plan the \$9 million Multi-Purpose Auditorium project at UW-Whitewater, which will provide space to meet the instructional needs of the university and address the cultural needs of the community. The project was included in the approved 1989-91 Capital Budget with a funding split of \$6 million GPR, \$1 million program revenue and \$2 million gifts and grants. However, it was approved by the Building Commission with only \$3.5 million of GPR funds--increasing non-GPR funds to \$5.5 million. Chancellor Connor gave the Committee a status report on the university's efforts to secure the required non-GPR funds. It was noted that the resolution only grants authority to complete the design but does not grant authority for the

bid. That authorization will be reserved until the non-GPR funds are available.

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

Resolution 5354: That, upon the recommendation of the UW-Whitewater Chancellor and the President of the University of Wisconsin System, the design concept represented in the Design Report be approved and authority granted to prepare final plans and specifications and bidding documents for the 1989-91 Multi-Purpose Auditorium, on the campus at UW-Whitewater, at a total estimated project cost of \$9,000,000 (\$3,500,000 General Fund Supported Borrowing, \$1 million Program Revenue Supported Borrowing, and \$4,500,000 Gifts, Grants and Other Receipts).

In response to a question by Regent Weinstein, Chancellor Connor stated that \$180,000 had been expended to date for architectural work, from a total design budget of \$584,000. All design expenses are to be paid from private funds.

Regent Nicholas inquired as to the status of private fundraising.

Chancellor Connor replied that \$2.1 million remained to be raised.

Put to the vote, Resolution 5354 was adopted unanimously.

UW-Milwaukee - Budget & Land -
UW-Milwaukee Approval of Budget Increase for Major Project (Lapham Hall Science Center), R 5355, pp 13-15

The Committee unanimously approved authority to increase the budget for the 1987-89 Lapham Hall Science Center Addition project by \$1,113,815 using residual borrowing authority. This would bring the revised budget to \$20,998,815.

Xref Budget & Land - Discussion of building project budgets & lack of
Vice President Brown explained to the Committee that this is a project that has been plagued with budget problems throughout its history, a good *state, supervisory* portion of the difficulty being attributable to poor performance on the part of the architect. At the time the project was bid, which was approximately 15 months later than had been anticipated, the architect's estimate of cost ranged from \$21 million to \$23 million. This resulted in program cuts and the taking of alternate bids to protect the budget. The items being requested at this meeting would restore a number of previously eliminated items which are critical to the project. *pp 13-15*

Adoption by the Board of Regents of the following resolution was moved by Regent Gundersen and seconded by Regent Nikolay:

Resolution 5355: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, authority be granted to increase the budget for the 1987-89 Lapham Hall Science Center Addition project by \$1,113,815 of Residual Borrowing Authority for a revised total project cost of \$20,998,815 (\$19,885,000 of General Fund Supported Borrowing and \$1,113,815 Residual Borrowing Authority).

Regent Clusen commented that this was one of the longest-running projects in memory and one of the most poorly handled on the part of the state. She asked why it took so long to decide that more money was needed and whether there was a way to recoup any money as a result of the architect's unsatisfactory performance.

Noting that the contract is between the Department of Administration and the architect, Vice President Brown said System Administration had suggested the possibility of errors of omission insurance recovery or of a lawsuit, but the Department was not inclined to pursue such action at this point because it would still take about a year-and-a-half to complete the project.

Regent Clusen asked if the architect could be removed.

In response, Vice President Brown indicated that if the architect were removed, there would be a problem with interpretation of drawings. In terms of the long delay, he explained that it had been a struggle with the architect to reach closure on the drawings. State officials had spoken with him on several occasions but no progress had resulted.

Replying to a further question by Regent Clusen, Vice President Brown said the building is currently under construction. The additional \$1 million is needed in order to finish the facility so that it will function properly.

Regent Nikolay observed that this project is an example of a problem for which the Regents sometimes are blamed but over which they have no control. It was his understanding that the architect who designed the building is still on the state's list of approved architects and could be selected for other projects.

Regent Dreyfus asked if the architect is simply difficult to work with but professionally competent and if the building is expected to be architecturally sound.

Vice President Brown indicated that the architect had done satisfactory work for the state in the past. When finally completed, he felt the facility at UW-Milwaukee would be a very good one.

Regent Gundersen asked how many hours were devoted to supervision of the project.

Since the Department of Administration had only one person to supervise all projects in the Milwaukee area, Mr. Brown estimated that not much more than two hours a week could be devoted to the \$20 million project.

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

Bldgs & Land -

→ Annual Report of UW System Landholdings and Leased Property, p. 15

The Physical Planning and Development Committee received the annual report of UW System landholdings and leased property. This report showed that the System has a total of 17,622 acres of land held in the name of the Board of Regents. Of these holdings, the main campuses total 5,009 acres and noncontiguous lands total 12,613 acres. The report showed a total of 37 leases involving 313,824 feet at an annual cost of \$1,909,539.

UW Centers -

→ Annual Report on City and County Budget Support to UW Centers, p. 15

Regent Gundersen reported that the annual report on city and county budget support to the UW Centers was discussed with the Committee by Chancellor Portch. The report showed that the city- and county-constructed facilities have a value of over \$104 million and budgeted expenditures of nearly \$3.6 million dollars per year. The Committee commended Chancellor Portch on his fine leadership in working with the various municipalities. On behalf of the Committee, Regent Gundersen acknowledged the very successful partnership between the UW System and local governments represented by the construction and operation of the 13 two-year Centers.

Utilities - Discussion of

→ Program Revenue Contribution to the Utility System Capital Cost, pp 15-16

Regent Gundersen summarized committee discussion of a paper related to program revenue contribution to the utility system capital cost. This matter was also on the Committee's agenda in October, at which time representatives from several student government associations appeared and requested additional time to study the recommendation in the report. The Committee asked that the report be returned to the November agenda. In the interim, the chancellors were requested to assure that the appropriate student groups were involved with review of the paper.

(xref) Bldgs & Land - (same)

At the previous day's meeting, the Committee heard presentations by Regent Vos, Rob McGinnis of United Council, Scott Smith of the UW-Eau Claire Student Government Association, and Brenda Leahy, President of the UW-Stevens Point Student Association. Stating that comments relating to the recommendations within the paper would be reserved for the December meeting, Mr. McGinnis shared with the Committee information on procedural changes being undertaken by United Council for dealing with issues such as this in the future. Mr. Smith and Ms. Leahy advised the Committee of the opposition of students at their universities to this and similar additions to their tuition. Regent Vos advocated advancing to the State Building Commission a

policy to retain the status quo and not require program revenue contributions. This would allow the students additional opportunity to lobby the Commission and the Legislature to support that position. However, Vice President Brown did not feel such a recommendation would be acceptable to the Commission, which has concluded that program revenue-funded facilities should pay a portion of utility maintenance costs.

This item was expected to be returned for action at the December meeting. As additional background for December's discussion, the Committee asked that each Chancellor give to System Administration a written statement regarding the student reaction received in the review period following the October meeting.

~~Tour of University Research Park~~ - Regent Tour, p. 15

After the meeting, the Committee participated in a tour and presentation related to UW-Madison's University Research Park. A similar tour had taken place in the morning. Stating that the Committee found the tour to be a very interesting and informative experience, Regent Gundersen thanked all those who participated in these arrangements, with special thanks to Research Park Manager Wayne McGown for his presentation.

Discussion of Condition of UW-Madison Physical Plant, pp 16-18

Regent Weinstein referred to a series of recent news articles that dealt with the physical plant of the UW-Madison campus. The articles contained disturbing allegations by faculty, staff, and administrators in seven areas: First, that buildings are in a dangerous state of disrepair; second, that the public is overpaying for buildings; third, that the future of research is being jeopardized; fourth, that some of the buildings are much too small for the programs they house; fifth, that UW-Madison does not get a fair share of the capital budget awarded by the System and the Board of Regents; sixth, that the architectural design in some instances is very bad; and seventh, that buildings are shoddily constructed.

Stating that these seven allegations must be addressed, Regent Weinstein said it is unfortunate that Regents sometimes have to rely on the media to get information on issues of such purported magnitude. Rather, allegations and proposals for solutions should come directly to the Board through the proper channels and Regent committees.

Regent Weinstein suggested that the Physical Planning and Development Committee and the Education Committee, where relevant, receive a complete report on these allegations, develop recommendations where needed, and bring them to the Board. Included in the study should be the question of program size versus building size. Noting that the solution for all programs is not necessarily to build larger buildings, he added that some programs may have grown beyond their original intent and beyond the state's need.

Regent Flores asked if the problems identified in the articles had ever been brought before the Regents, since such matters are handled at every meeting.

Replying in the affirmative, Vice President Brown noted that one problem was the condition of the Biochemistry fume hoods, which was a project approved by Regents and forwarded to the Building Commission.

Regent Gundersen added that a problem concerning leaky windows also had been identified. The Board approved money to repair the windows but the Building Commission deferred action in order to study the matter.

Regent Davis observed that such problems are natural outcomes when mechanisms are not responsive to needs. To have a meaningful impact, Regent Davis suggested that the Board define how it wished to build buildings and then accept, as a long-term challenge, pursuit of appropriate legislative changes to implement that model.

Asking that all Regents be given copies of the articles, Regent Clusen said she would want to know if the series seemed to be a fair and equitable review or simply an effort to attract public attention. For instance, she wanted to know if the series explained the process for getting a facility built or repaired within the University System; whether it is indicated that both state government and the University System are involved in this long and arduous process; and whether there was mention of constraints that exist due to reductions in capital budget requests. She cautioned against over-reacting to one series of articles in one newspaper.

Regent Flores noted that two different issues were involved in the discussion, the first being the inflexible and long process for gaining approval and construction of new buildings. The second issue was maintenance of buildings, for which he thought there is a responsive system in place.

Noting that President Shaw was planning to address concerns about infrastructure as one of his papers on issues for the 1990s, Regent Hanson thought these matters would be most appropriately considered as part of that broader review.

President Shaw said his preference would be to address the concerns raised in the articles in that fashion. Observing that there is a serious infrastructure problem at major research universities nationwide, he stated that this problem must be resolved if the United States is to be competitive in research. Since 1980, the UW System had added over one million square feet of space but additional maintenance resources had not been provided. The reason he wished to discuss the matter in the framework of the other issues was that ultimately the question became one of priorities. There were salary needs, supplies and equipment needs, maintenance needs and new building needs—all of which must be viewed in the context of the UW System's direction for the future.

Agreeing that all Regents should read the articles, Regent Weinstein said his suggestion was simply that issues should be dealt with through established structures rather than through the media and therefore should be referred to the appropriate committee. If the seven identified issues are as serious as alleged, then they should be addressed promptly rather than as part of a longer range discussion on infrastructure needs of the 1990s.

Regent Gundersen commented that he was concerned about the lengthy process required for any kind of construction and about lack of supervision over construction once it finally begins. Referring to the complimentary North Central Accreditation report of UW-Madison, he noted that it addressed the central role of research in education and the importance of preserving that role. It also referred to the situation in which these problems are created.

Regent Nikolay asked that the Physical Planning and Development Committee be provided with statistical data on dollars allocated for construction and repair at the various institutions. He was disturbed by allegations in the articles that UW-Madison had been short-changed. In his five years on the Committee, he had been concerned that it might appear that UW-Madison was receiving more than its fair share of funding. It was his opinion that the Madison campus had been treated generously in allocation of available resources.

Vice President Lyon stated that the articles would be circulated to all Regents and that the issues raised would be referred to the appropriate committees. There should be coordination with the Physical Planning and Development Committee's interest in recommending change in the process for facility construction and with the planned study of the total infrastructure of the UW System, with establishment of appropriate timetables for these related matters.

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

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

Approval of Gifts, Grants and Government Contracts

Vice President Poellnitz reported to the Committee on total gifts, grants and contracts for the four-month period ending October 20, 1989, after which the Committee unanimously approved Resolution 5356.

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

Resolution 5356: That, upon recommendation of the President of the University of Wisconsin System, the gifts, grants and contracts presented at this meeting (copy on file with the papers of this meeting) be accepted, approved, ratified and confirmed; and that, where signature authority has not been previously delegated, appropriate officers be authorized to sign agreements.

Faculty / Staff

Report of Employee Reimbursement Accounts Benefit Program, p.19

Regent Nicholas reported on a presentation made to the Committee on the employee reimbursement accounts benefit program. Associate Vice President Charles Wright stated the program was established by 1987 Wisconsin Act 399 and is authorized by Section 125 of the Internal Revenue Code. It allows employees to pay certain expenses from their pre-tax income, resulting in less federal and state income taxes withheld and less social security contributions. While it does reduce the employee's social security income, it does not affect retirement.

Jobs - (same)

UW System Director of Payroll and Staff Benefits Saralee Buscher summarized the Wisconsin ERA which includes pre-tax salary reductions for health insurance premiums, life insurance premiums, unreimbursed medical and dental expenses and dependent care expenses. The open enrollment period for nonrepresented classified and unclassified employees ended November 3 for participation beginning January 1, 1990. Represented employees whose collective bargaining contracts include the ERA program will probably begin participation in July 1990.

new
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Employee Reimbursement Accounts - (same)

Unless the employee signs a waiver, health and life insurance premiums will automatically be applied to the ERA program. In order to participate in the unreimbursed medical and dental or dependent care portions of the program, employees need to estimate their qualifying expenses and enroll for salary reductions to cover them. The expenses must be incurred in the calendar year. An employee first pays the expense then files a claim for reimbursement. Any unclaimed funds in the employee's account at the end of the year are forfeited.

The administrative costs of the program will be paid by the employer's savings on social security costs and employee forfeitures. At this time it is estimated that there will be no additional costs to the UW System.

Vice Presidents

Introduction of Charles Wright as Associate Vice President of Human Resources for UW System Administration, p.19

President Shaw introduced Charles Wright, who had recently taken office as Associate Vice President for Human Resources and who came to Wisconsin from the Iowa Board of Regents. He is an attorney with considerable experience in higher education and in the field of personnel.

new
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(Xref) Wright, Charles - introduced as Assoc. VP of Human Resources
On behalf of the Board, Regent Vice President Lyon welcomed Mr. Wright to Wisconsin. Resources, p.19

Salaries - Adoption of

Executive Salary Structure, R 5357, pp 19-24

Presenting Resolution 5357 to the Committee, President Shaw indicated there is a need to establish a salary structure for senior executive positions which recognizes internal salary equity and attempts to address external competitive market issues. Senior executive positions include the president, vice presidents, chancellors and vice chancellors. Because these

(Xref) Executive Pay Plan - (same)

(Xref) Compensation - (same)

positions are governed by the State Executive Pay Plan and Executive Salary Group (ESG) structure, the UW System does not have total flexibility in assigning compensation.

President Shaw outlined some of the peer group comparisons. System Administration's executive salaries are substantially below those of other systems' top executive positions primarily because of limits imposed by the ESG maximums and the Governor's salary. The salaries of the chancellors of UW-Madison and UW-Milwaukee are limited to the ESG maximum, while the vice chancellors are limited to both the ESG maximum and the Governor's salary. While the chancellors and vice chancellors of UW cluster institutions also are below market, there does exist some flexibility to make those salaries more competitive.

Since recent legislation did not remove the statutory salary constraints, President Shaw recommended that the Board establish a rational salary structure within the provisions of the existing law. Under the proposed structure, executive salaries would be targeted to certain percentages of the President's salary based upon duties and responsibilities. An effort would be made to move these salaries to competitive market levels.

To implement the structure in 1989-91, existing resources would be reallocated through base salary adjustments and distribution of the compensation plan adjustments. Adoption of the plan would not guarantee individual salary rates. The structure only would provide a guide for setting salaries based on a rational internal structure which is more competitive with the external market. President Shaw would bring individual salary recommendations to the Board at a later date.

Gloria Toivola, President of The Association of University of Wisconsin Professionals, appeared in favor of the resolution. The Committee concurred with the structure and unanimously approved Resolution 5357.

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

Resolution 5357: That, following consideration of University of Wisconsin System President Kenneth Shaw's report on University System executive salaries (provided at the September 1989 Board of Regents meeting) which highlights earlier actions by the Board, current Board authority to adjust salaries, State-imposed Executive Salary Group controls, and updates information on external market rates for comparable positions at other institutions, the Board of Regents endorse the following salary structure reflecting the duties and responsibilities borne by these positions and the competition for senior executives in the higher education market:

	<u>General Target Salary Percentage</u>
President	100%
Chancellor - Madison	97%
Chancellor - Milwaukee	92%
Executive Vice President	89%
Vice Chancellor - Madison	89%
Vice President - Academic Affairs	87%
Vice Chancellor - Milwaukee	84%
Chancellors - University Cluster (Average)	80%
Vice Chancellor - CHS	80%
Other Vice Presidents (Average)	80%
Vice Chancellors - University Cluster (Ave.)	72%

The purpose of this structure is to serve as a guide in setting salaries that better reflect the internal relationships in the University of Wisconsin System and the competitive external market. The target salary percentages should be a guide in setting individual salaries subject to: statutory salary limits, availability of funding, and other considerations such as performance. The targets do not guarantee individual salary rates.

Regent Vice President Lyon read the following statement from Regent President Schilling:

"Recognizing the limitations imposed on us by the Executive Pay Plan, I believe it is critical for the Board to take action within existing constraints to approve an executive compensation structure that acknowledges and responds as best we can to the competitive market for our System officers, chancellors and vice chancellors.

"President Shaw has provided all of the Regents with survey data that illustrate the significant disparities between our administrators and those at comparable institutions. While it may be difficult for some Wisconsin citizens to understand and appreciate why our senior officers and institutional chief executives should be compensated at the proposed levels, I want to share with you some specific information as a further reality check to demonstrate just how far out of line we are in the public higher education marketplace.

"Our System President, the president of the fourth largest and one of the most prestigious university systems in the world, is currently paid \$108,400. The President of the University of Texas System receives \$175,000, the new President of the State University of New York System is paid \$150,000, as is the new chief executive officer in the Alabama System. While cost of living and fringe benefits for all these chief executives are about the same, a number of the institutions offered deferred compensation packages and other additional income opportunities through service on private sector boards. A recent survey of salaries paid to top executives of Big Ten Institutions, compiled by the University of Illinois, is attached to this statement as further evidence of the realistic marketplace for the President and for the Chancellor of UW-Madison.

"The Chancellor of UW-Madison, our nation's leading public higher education research institution, is currently paid a bit over \$97,000. Arizona State University recently hired its new President at \$144,500, Indiana's is paid \$176,500, and Minnesota's new President receives \$146,500. The salary of Michigan's new President is \$154,000. These examples of relatively new hires at other university systems and major land grant institutions show clearly how much we are out of step with the marketplace in the upper Midwest.

"When I examined salary comparisons for UW-Madison's Vice Chancellor, I found that Minnesota's vice chief academic officer is paid \$115,000, and Michigan pays \$137,000. The UW-Madison Vice Chancellor currently earns \$86,000. Like the Vice Chancellor at UW-Milwaukee, this position is capped at that level by the limitations of the Executive Salary Plan, which limits the salary maximum to the Governor's salary. That level will not be readjusted until 1991.

"Our Chancellor at UW-Milwaukee is paid about \$91,000. When I examined the salaries paid to chief executives at other comparable midwestern urban institutions, I found that the new President of the University of Toledo (the former Chancellor of UW-Milwaukee) receives a salary of nearly \$131,000, plus privately funded salary supplements. His urban university counterpart at Wayne State University in Detroit also receives over \$130,000. Again, it is clear that we are out of sync with the salaries paid at other urban institutions.

"The picture is similar for UW-Milwaukee's Vice Chancellor, who currently receives a salary of a bit over \$83,000. If one looks at salaries paid to the chief academic officers in Philadelphia, Detroit, Buffalo and Louisville, those counterpart positions are paid \$110,000, \$123,600, \$115,500, and \$99,500 respectively.

"The problem also persists at our regional comprehensive universities as we reviewed salaries at Michigan's comprehensive institutions, which paid their presidents \$100,000, \$104,000, \$117,200 and \$142,000. In our neighboring state of Iowa, the President of Northern Iowa University, receives \$110,000. These are not isolated examples of the salary environment for the UW System's comprehensive university chancellors.

"Our vice presidents are similarly disadvantaged. The data provided by President Shaw demonstrate clearly that the average salary of University System counterparts for Vice Presidents Trani and Lyall is \$123,900 and the median salary is \$115,000. For Vice Presidents Bornstein, Brown and Poellnitz, the average salary for their system peers is about \$107,000 and the median salary is just under \$100,000. The Board must make a commitment to close the substantial salary gaps for these key administrators.

"This closer look provides further graphic evidence of our need to do everything that we can, within existing means and limitations, to help resolve major salary inequities experienced by the UW System's senior executives who play a key role in managing this \$1.7 billion enterprise.

"It is clear that the Board's policy directions and expectations in recent years have resulted in substantially increased work loads for top management. Concurrent with the Board's new directions, we have identified

and quantified higher performance expectations and standards of evaluation for our senior administrators. These significant changes and increased pressures must be accompanied by increased opportunities for competitive compensation to avoid problems in the recruitment and retention of our top leadership, many of whom make less than academic deans and faculty members who report to them.

"In addition, unlike the System faculty and academic staff who have twice received the benefits of competitive catch-up pay during the last several biennia, we have not been able to provide our key administrators similar catch-up benefits--a factor that has contributed to the growing problem of salary inequity within and outside the UW System for these senior professionals.

"As hard as it may be for some individuals to accept, the Board may well face a time in the not-too-distant future when it must consider other avenues of relief to resolve major disparities for key administrators. For example, a number of public universities throughout the country are now supplementing the state salaries of their chief executives through private funds, so that they can attract and retain excellence in their top leadership. This is the case in Oregon, Ohio and Virginia, just to name a few. While it is premature to consider such action now in the absence of a more considered study, I hope that the Board will examine and pursue such options in the future as we continue to wrestle with this situation, which is likely to get worse, not better.

"I want to reiterate my strong support for the executive salary structure proposed by President Shaw and remind the Board that it will not require any new dollars. Funds to implement this structure will come from within our existing budget. I sincerely hope that the members of the Board will join together to help address this matter by strong endorsement and approval of the salary structure proposal."

While he supported the resolution, Regent Weinstein emphasized that the structure only sets targeted salary levels at percentages of the System President's salary. It does not make salaries competitive with the external market. What is needed is a set of specific recommendations as to what statutory changes are needed and how to effect such changes. As further evidence of the problem, he noted that salary levels now being approved for the UW-Madison deans of business and law are higher than the salary of the President of the System.

Regent Dreyfus commented that most Wisconsin citizens would not be sympathetic to the need to raise salaries of top administrators. He was in full agreement with Regent Schilling's statement, with the exception that he did not think it premature to begin now to look at private funding sources and to expect alumni, who are the beneficiaries of this institution and who can afford it, to help provide the funds to retain quality leadership. He thought such an initiative would be more favorably received by state government and the general public than salary increases based on tax resources.

In response to a question by Regent Nikolay, President Shaw explained that the reason for targeting university cluster vice chancellor salaries at 72 percent of the President's salary was based on market comparisons. This

target would make those vice chancellors more competitive versus their peer groups than the UW-Madison and UW-Milwaukee chancellors whose salaries are limited by other restrictions. However, even at target levels, salaries in all groupings still would be below average.

Regent Hanson did not think Regent Dreyfus' suggestion would find favor in Wisconsin. While it would be difficult to raise tax-supported salaries over \$100,000, questions of ethics could be raised if private funds were used to supplement administrators' salaries.

Regent Flores noted that some staff currently are being paid with private money from research grants. However, the only matter involved in this resolution is the internal relationship between administrators within the UW System. He asked President Shaw if he felt comfortable with setting salaries of the two doctoral institution vice chancellors at levels above the chancellors of the other universities.

Replying in the affirmative, President Shaw said that decision was based on market analysis. In the case of the doctoral institution vice chancellor, the market is a highly competitive one.

Regent Nicholas pointed out that the number of top administrators is not large. Therefore, to keep the System moving ahead with excellent people in those positions does not require a great deal of money. Noting that the System President's salary figure must be raised in order to improve salaries in the other positions, while retaining internal equity, he also thought compression of these percentages is out of touch with reality. He supported moving salaries higher in a way that can be accepted by the taxpayers of the state, including private fundraising, if that is necessary.

Regent Dreyfus agreed that Regent Hanson's comment was well taken. It would be necessary to assure that private contributions have no direct relationship with the administrators that receive them. The fund would have to be set up carefully and administered by the Board.

Regent Weinstein felt more information is needed before considering that matter. For example, he would want to know whether peer institutions use private funding for salaries of top executives and, if so, how much of their salaries are paid from private funds.

Regent Clusen stated her support for the proposed executive salary structure. She thought it would be a mistake not to go first through the process of seeking legislative change before suggesting private funding. She would not be reluctant to let it be known that if the Legislature is not responsive, the only other way to maintain quality is to seek private funds.

Noting that private funding is used to set up endowed chairs for professors, Regent Nicholas saw no objection to using a similar approach to hire and retain top administrators.

Put to the vote, Resolution 5357 was adopted, with Regent Doughty Luckhardt abstaining.

Athletics

Report on UW-Madison Athletic Board, pp 25-26

Continuing the report of the Business and Finance Committee, Regent Nicholas stated that the Committee received a thorough and excellent report on the UW-Madison Athletic Board.

President Shaw described various possible additions to the composition of the Athletic Board in order to improve the management of the Division of Intercollegiate Athletics. Four possibilities were presented: 1) the Dean of the Business School; 2) the President of the UW Foundation; 3) a member of the Board of Regents; or 4) the Associate Vice Chancellor for Budget, Planning and Analysis.

To analyze each of these alternatives, it was noted that the NCAA and Big Ten guidelines must be kept in mind. NCAA guidelines permit the majority of the members of the Athletic Board to be a combination of faculty and administrators, but the Big Ten requires the majority to be faculty members. Nothing in either set of guidelines precludes implementing any of the options mentioned as long as the faculty majority is upheld. Legal counsel has concluded that the Board of Regents could mandate a change in composition of the Athletic Board, but doing so would depart from the current practice of allowing committee structures to be determined at the campus level.

Survey information from other Big Ten and UW System institutions on the composition of their athletic boards was included in the report. Only one Big Ten institution, Illinois, has a member of their Board of Trustees on the Athletic Board. Duke and Wake Forest, which are private schools, also have a trustee or regent on their athletic boards.

The Committee discussed the advantages and disadvantages of the various options. It was concluded that actions taken to date have led to better fiscal management. Those actions should continue to be monitored prior to any recommendation for a change in the composition of the Athletic Board.

In discussion at the Board meeting, Regent Weinstein pointed out that the Council of Trustees of the UW Hospital and Clinics includes four members of the Board of Regents plus four members from outside the university.

Regent Nicholas commented that one of the advantages of putting a Regent on the Athletic Board, whether it be voting or nonvoting, would be to show that the Board of Regents, as the highest policy-making body in the System, is committed to excellence in athletics, as it is in all other areas of the University System.

Regent Flores felt that, if it were decided to add a Regent to the Athletic Board, the purpose should be to give the university and the Athletic Board the strongest support possible. It would be the wrong attitude to expect that such a change would solve the Athletic Department's problems.

Regent Hanson expressed agreement with Regent Davis' letter on the matter, which stated, "The least helpful thing you can do for people who have an accountability to solve problems is to relieve them of that

accountability by helping them to do their jobs." Noting that Chancellor Shalala and the Athletic Board are very aware of the Regents' concerns, Regent Hanson saw no reason for a member of the Board of Regents to sit on the Athletic Board. She commended the Business and Finance Committee for not taking any action at this time.

Regent Nicholas viewed Regent membership on the Athletic Board as appropriate and not as micro-management. However, he believed the Chancellor has a firm grip on the situation and he supported her definition of what she expects from the athletic program. Therefore, he was willing to be patient at this point. While income production is a problem, the integrity and many other aspects of the athletic program are very good.

Regent Flores commented that the principle stated by Regent Davis only applies if there is willingness to hold people accountable. He would not wish to remove the President of the System or the Chancellor because the Athletic Board is not doing its job.

Regent Doughty Luckhardt requested more information about the pay structure in the Athletic Department.

Vice President Lyon said that information would be provided.

Regent Nikolay reiterated his view that this is not a proper matter for the Regents to consider, but instead is an issue to be resolved by the Chancellor.

Competition →
Update on Implementation of Competition Policy p. 26

Vice President Poellnitz reported to the Business and Finance Committee on the Board's policy on competition with the private sector which was adopted in February 1989 to reduce the potential for competitive conflict and to facilitate the resolution of conflicts that arise at the local and institutional level.

As required by the policy, each institution has established a competition review committee to advise the Chancellor, with membership including representatives from the private sector and the university. Most of the committees have held an organizational meeting and are planning to meet periodically regardless of whether specific competitive issues require examination. Thus far, only a limited number of competitive issues have been referred to the review committees.

The Business and Finance Committee recommended that a guideline be developed to establish a time frame for resolution of competitive issues.

In discussion at the Board meeting, Regent Nicholas responded to a question by Regent Weinstein by stating that the matter of time frames would be returned to the Committee.

Endowment Spending Plan - Discussion of plan, p. 27

Discussion of Endowment Spending Plan

Regent Nicholas reported on discussion by the Business and Finance Committee of need for an endowment spending plan. Currently all income earned on the endowment is made available to campus departments for expenditure in accordance with donor stipulations. This reduces capital and income growth and future spending of the endowment. Adopting a spending plan would assist in maintaining the purchasing power of the endowment, provide a stable, predictable earnings rate, and produce increased dollars for spending.

The Committee asked System Administration to prepare a simulation using historical data for discussion at a future meeting.

UW-Parkside - settlement w/ U.S. DOE on Equal Opportunity Commission audit, p. 27

Report of the Vice President for Business and Finance

Vice President Poellnitz advised the Committee that UW-Parkside settled the Equal Opportunity Commission audit with the U.S. Department of Education.

Closed session

In closed session, the Business and Finance Committee discussed trust fund matters.

Authorizations to Recruit - Authorization to recruit Dean, Law School, UW-Madison, R 5358, pp 27-28

REPORT OF THE EDUCATION COMMITTEE

Regent Flores, Vice Chair, presented the Committee's report.

Consent Agenda Items

Resolutions 5358 to 5361 were presented to the Board of Regents as consent agenda items for action as a single unit.

Upon motion by Regent Flores, seconded by Regent Gelatt, the following resolutions, which were unanimously approved by the Committee, were adopted unanimously by the Board of Regents:

Authorization to Recruit: Dean, Law School, UW-Madison

Resolution 5358: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Chancellor be authorized to recruit for a Dean, Law School, University of Wisconsin-Madison.

Authorizations to Recruit - Auth. to recruit Dean, School of Business, UW-Madison, R 5359, pp 27-28

Authorization to Recruit: Dean, School of Business, UW-Madison

Resolution 5359: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Chancellor be authorized to recruit for a Dean, School of Business, University of Wisconsin-Madison.

Authorizations to Recruit -

Authorization to Recruit: Dean, Home Economics, UW-Stout, R 5360, pp 27-28

x ref UW Stout - Staff - (same, but omit "UW-Stout")

Resolution 5360: That, upon recommendation of the Chancellor of the University of Wisconsin-Stout and the President of the University of Wisconsin System, the Chancellor be authorized to recruit for a Dean, School of Home Economics, University of Wisconsin-Stout.

Authorizations to Recruit -

Authorization to Recruit: Dean, Graduate Programs, UW-Oshkosh, R 5361, pp 27-28

x ref UW-Oshkosh - Staff - (same, but omit "UW-Oshkosh")

Resolution 5361: That, upon recommendation of the Chancellor of the University of Wisconsin-Oshkosh and the President of the University of Wisconsin System, the Chancellor be authorized to recruit for a Dean, Graduate Programs, University of Wisconsin-Oshkosh.

Design for Diversity -

Implementation Report for Design for Diversity, R 5362, pp 28-29

This report was presented at a portion of the meeting to which all Regents were invited.

x ref Minutes - (same)

Commenting on the small numbers of available minority faculty, President Shaw noted that the number of Black Ph.D.s has declined dramatically over the last ten-year period and is concentrated in a few disciplines. There is a need to intensify recruitment efforts at both graduate and undergraduate levels in science and technology.

In discussion, Regents expressed concern that some institutions have not yet developed written student conduct codes and questioned how institutions can be accountable if they do not yet have specific plans for minority student and faculty recruitment. President Shaw was asked to ensure that the highest standards of quality and fairness were being maintained in appointments and admissions as these issues are addressed.

Overall, Regents noted the positive nature of the report and the progress that was being made.

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

Resolution 5362: That, upon the recommendation of the President of the University of Wisconsin System, the Board of Regents accepts the 1988-89 Minority and Disadvantaged Report for submission to the Governor and Legislature, as required by sec. 36.25(14m)(b), *Wisconsin Statutes*.

Enrollment Management - Report, p. 29

Regent Flores summarized the report on enrollment management, which was presented at a portion of the meeting to which all Regents were invited. President Shaw stated that the UW System will continue to monitor enrollments to ensure that unintended consequences are countered.

Regent Weinstein reminded the Committee that the Regents adopted enrollment management because of their concern for the quality of education.

Regent Gelatt noted that special students, who register late and could take marginal space available in some classes, are not allowed to do so because of the way the rules are written. Regents questioned whether the methodology should be revised to allow for this group of special students. Regent Weinstein cautioned against changing the method of counting enrollment in the fourth year of a four-year program, which had been agreed to with the Governor and the Legislature.

Responding to questions, Vice Chancellor David Ward described the special problems at UW-Madison, which can exercise control only at the point of new undergraduates, transfer students and new graduate enrollments. He predicted that enrollment management would impact on graduate enrollments at a time when graduate programs are gearing up nationally.

In discussion at the Board meeting, Regent Weinstein requested that the Board receive a regular retention report on a comparative basis.

President Shaw replied that such a report would be provided.

Report of the Vice President

Strategic Planning - Report on activities, p. 29

Vice President Trani reported to the Education Committee on the strategic planning activities now taking place in the UW System--strategic planning for agriculture and natural resources, for teacher education, and the status of the President's recommendations for allocation of special funds designated in the 1989-91 budget for the enhancement of business programs.

VTAE - Implementations of

Dr. Trani concluded with a statement concerning implementation of the UW System/VTAE credit transfer policy, p. 29

Xref Credits - (same)

Legislature

Approval of Report to the Legislature on 1988-89 Projects from Industrial and Economic Development Research Fund, R 5363, p. 30

Regent Flores reported unanimous Committee approval of the report to the Legislature on the 1988-89 projects from the Industrial and Economic Development Research Fund.

It was moved by Regent Flores, seconded by Regent Clusen and voted unanimously that Resolution 5363 be adopted by the Board of Regents.

Industrial & Economic Development Research Fund - Report to Legislature on 1988-89 projects
R 5363, p. 30

Resolution 5363: That, upon recommendation of the President of the University of Wisconsin System, the Report on the 1988-89 Industrial and Economic Development Fund Projects be accepted and approved for transmittal to the Joint Committee on Finance, in accordance with 1989 Wisconsin Act 31.

Academic Staff

Announcement of 1989-90 Academic Staff Professional Development Awards, p. 30

Regent Flores reported that the 1989-90 academic staff professional development awards were announced to the Committee. This brought to 143 the number of academic staff projects approved for support with System matching funds. Twenty-seven of the awards this year are to programs that support or enhance *Design for Diversity*.

North Central Association

Report on North Central Association Accreditation: UW-Madison, p. 30

The Education Committee received a report on reaccreditation of UW-Madison by the North Central Association. The next comprehensive evaluation is scheduled for 1998-99. The Committee congratulated the university and thanked the many people who participated in the self-evaluation and accreditation process.

Regents expressed some concern about Suggestions #4 and #6 offered in the report of the NCA evaluation team and reprinted on page five of Chancellor Shalala's letter which was included in the agenda materials. After lengthy discussion, it was agreed that Vice President Trani will ask Chancellor Shalala to respond to each of the team's suggestions, analyzing them and describing how UW-Madison plans to respond to them.

Regent Flores added that some of that response was already set forth in a document to be distributed to the Board.

Regent - Policy - Review of

Leave of absence policy, R 5364, pp 30-36

In Committee discussion of Resolution 5364, Regent Weinstein stated that the proposed policy provided the institutions with discretion in each case involving leaves of absence and gave the decision to the institution rather than the individual.

Leave of Absence - (same)

Professor Donald A. Nichols, Chair of the UW-Madison University Committee and Chair of the Department of Economics, stated that he preferred current policy but that he would understand a limit of four or six years for political or appointive leaves.

Regent Clusen, Regent Hanson and others discussed the tradition of university service to the state and questioned the wisdom of changing the policy on the basis of a small number of problem cases.

An amendment to add to the resolution provisions for an initial term of an elected or appointed government official not to exceed four years was passed, with Regent Weinstein voting "No." The resolution as amended was then approved by the Committee, with Regent Weinstein voting "No."

It was moved by Regent Flores and seconded by Regent Hanson that Resolution 5364 be adopted by the Board of Regents.

Resolution 5364: That, upon recommendation of the President of the University of Wisconsin System, the following Leave of Absence Policy, and Policy for Unclassified Employees Seeking or Accepting Political Office or Appointments be adopted (Replaces Regent Resolution #800, Policy Document 74-9, and Regent Resolution #1648, Policy Document 78-3):

Leave of Absence Policy, and Policy for Unclassified Employees Seeking or Accepting Political Office or Appointments

I. General policy provisions for all leaves other than medical:

1. A leave of absence cannot be open-ended but must be for a specified period of time.
2. Initial leaves of two years or less duration, or for the initial term of an elected or appointed government office not to exceed four years, for staff members may be approved by the appropriate chancellor;
3. Any extension beyond the second year, or beyond the initial four year term of elected or appointed government office, must receive specific approval of the board and must be for a fixed period of time.
4. For other than an initial term of elected or appointed government office of up to four years, advance approval by the Board of Regents is required if the initial leave is for more than two years.

5. All leaves of absence carry an implicit agreement between the staff member and the university that the staff member will return to the university at the conclusion of the leave; each university will conclude with the affected staff member an agreement that failure to return to the university at the conclusion of the approved leave period constitutes a resignation from the university.

II. Policy for employees engaging in political activity or seeking elective office:

1. Service as an elected official on off-hour demand activities (e.g. school boards, city councils, county boards or local, state or national commissions) would not normally require a reduced appointment or leave of absence. Each case should be reviewed by the appropriate administrative supervisor.
2. No political campaigning activities shall be engaged in during hours when an employee is expected to be performing his or her regularly scheduled University duties. Further, as provided in recent State legislation, no officer or employee may solicit or receive or be involved in soliciting or receiving any contribution or service for any political purpose from any officer or employee of this state while on state time or engaged in his or her official duties as an officer or employee.
3. If a staff member chooses to enter a primary campaign, he or she, in consultation with the appropriate department chairman and dean, or director, should determine whether or not this activity will impair or encroach on performance of University duties. If it is determined that the activity will have an adverse effect, a reduced-time appointment should be arranged for the period of the primary campaign.
4. If a staff member is a candidate in a regular election, step 2 should be followed with the expectation that a reduced-time appointment would be in order.
5. If a staff member is elected, and the time demands of the office would not allow continuance of full or part-time performance of university duties, he or she may request a leave of absence under provisions of Section I. If a campus wishes to extend the leave of absence in this instance, justification should be advanced to the President of the System and the extension must receive the specific approval of the Board of Regents.

III. Policy for employees serving as appointed officials:

1. Service as an appointed official on off-hour demand activities (e.g. school boards, city councils, county boards or local, state or national commissions) would not normally require a reduced appointment or leave of absence. Each case should be reviewed by the appropriate administrative supervisor.
2. If a staff member accepts appointment to a political or educational office at the local, state or national level, and the time demands of the office would not allow continuance of full or part-time performance of university duties, he or she may request a leave of absence under the provisions of Section I.
3. If a campus wishes to extend the leave of absence, justification should be advanced to the President of the System and the extension must receive the specific approval of the Board of Regents.

IV. Policy for limited appointment employees seeking or accepting political office or appointments:

1. Seeking paid political office.

If an administrator of the University of Wisconsin System holding a limited appointment wishes to seek nomination or election to a paid political office which would regularly require working during the normal hours which the administrator maintains for the UW System, and

If the administrator wishes to maintain his/her employment relationship with the University during such quest for office, then the administrator shall observe the following procedures:

Prior to announcing candidacy, or engaging in activity clearly constituting announcement of candidacy to an office of the type indicated above, the administrator must request from the Board reassignment from his/her limited appointment to any concurrent faculty or academic staff appointment held. Such activities as the following clearly constitute announcement of one's candidacy: the formation of a campaign committee, solicitation of campaign funds, or circulation of nomination papers.

The Board shall require evidence that any such reassignment, not accompanied by an immediate leave without pay, requires the administrator to perform work useful to the University System, and appropriate to the compensation provided for the position. The Board shall grant reassignment only in the presence of such evidence.

If reassignment is made and not joined to a concurrent granting of leave without pay, the reassigned employee shall thereafter be guided by the policies and procedures stated in I. 1-5 (above) as to requesting leave.

Reassignment pursuant to a proposed quest for paid elective office shall not affect the eligibility of the employee, at the discretion of the Board, to return to his/her prior limited position, or to be appointed to an alternative limited position.

2. Serving in paid elective political office.

If the reassigned limited appointee is successful in winning the political office sought, the policies and procedures stated in Sections I and II 5. shall apply to the granting of leave of absence.

3. Serving in an appointive office.

The limited appointee wishing to accept an appointive political office shall couple an immediate request for leave without pay with his or her request for reassignment by the board to his/her concurrent faculty or academic staff position. The policies and procedures stated in Sections I and III 2-3 (above) shall apply to the granting of a leave of absence in such circumstances.

V. Annual Report

The Vice President for Academic Affairs will make an annual report to the Board of Regents on the status of faculty and staff whose leaves have been extended beyond the second year, who are on leave serving as elected or appointed officials, and on the status of limited appointment employees who have been granted leave to serve in elected political office or appointed office.

Regent Dreyfus pointed out that this policy is more restrictive than the policy for classified employees which has a statutory base, and he urged that action not be taken without a careful comparison between the two. He had serious philosophical reservations about adopting a less permissive policy for unclassified employees in positions of responsibility which would

control their activities in the political arena. The university, he stated, ought to encourage people in the UW System to run for public office as part of the Wisconsin Idea. It was his intention to vote against the resolution because he did not believe there was adequate comparison with the laws that apply to classified employees.

Regarding the provision in Item I. 2., that leaves may be approved by the Chancellor, he noted that classified staff who run for office have the right by statutory authority to be granted a leave to do so. He wondered what criteria Chancellors would use to decide whether a given employee may or may not run for office. With respect to the provision in Paragraph I. 5., that failure to return at the conclusion of the approved leave period constitutes a resignation from the university, he pointed out that there may be instances when it is in the interest of the institution to retain prestigious names even though the persons involved would be holding other positions.

In Paragraph II. 2., Regent Dreyfus questioned use of an hours-of-work criterion for unclassified positions in which regular working hours do not apply. In Paragraph II. 5., he thought there should be pre-election, and not post-election, approval and questioned the basis on which that decision would be made. The matter would be resolved, he added, if there was mandated leave for unclassified staff who run for office.

Finally, Regent Dreyfus questioned whether a few instances of overextended leaves should lead to change of an entire policy. Those few cases, he felt, should be handled by the respective chancellors.

Regent Weinstein stated that he was prepared to support the amended resolution, although he did not vote for it in Committee because he wanted to give the institutions the greatest possible flexibility. Since the people involved are mainly tenured faculty, their tenured positions must be kept available when they take leaves of absence. These faculty are quite different from classified staff in that they are the ones who teach and perform research. The policy allows the campus at some point to be able to say that they are needed back on the faculty. From a public policy standpoint, he did not think that tenured faculty should or would want to be treated like classified staff.

Regent Hanson emphasized that the Regents should not overreact just because they had recently become aware of some overextended leaves of absence. As Professor Nichols said at the Committee meeting, the universities take very seriously the hard decisions they must make in requests for leaves. She cautioned that the Board should not become unduly involved in matters which should be handled at the institutional level.

While he felt that Regent Dreyfus made valid points, Regent Davis concurred with Regent Weinstein that the policy is intended to address a different class of people from classified staff and that the Board had been focusing on such differentiation for a considerable period of time. He felt the proposed policy strikes an appropriate balance between the need to oversee resource allocations within the System and allowing chancellors the flexibility to manage within their own institutions. Therefore, he was prepared to support the resolution.

Regent DeLong observed that it is a matter of determining the kind of system that is desired. The Board can either replace the Chancellor if it does not approve of what is being done or it can give the institutions a specific policy to follow.

While he agreed with Regent Dreyfus that everyone has a right to run for public office, he noted that the policy does not prohibit a person from running for office, but simply provides that elected officials cannot expect to continue to hold their office and their tenured positions at the same time. Instead, it requires that a decision be made. He also agreed with Regent Weinstein that the difference between classified and unclassified staff is the reason for the policy, with unclassified staff having many more responsibilities so that it is much more difficult to keep their positions open. He therefore supported the proposed policy.

Regent Clusen recalled that this proposal came before the Board because there were situations that had not been handled by the universities involved. The proposed policy would serve to alert the institutions to the fact that the Board takes the matter seriously. In that regard, she understood that at least two of the cases in question were now being brought to closure. She intended to support the resolution because she preferred it to the previous proposal which she viewed as too restrictive in using two years as the cut-off point. Agreeing that there is a substantial difference between classified and unclassified staff, she asked if the statutory provisions for classified staff had been reviewed.

General Counsel Stathas replied in the negative, indicating that it was not considered relevant.

While he recognized the distinction between classified and unclassified staff, Regent Dreyfus did not agree that the policy for unclassified staff should be less permissive. In the case of this policy, the decision to run for office and still retain a university position is one that requires the approval of the Chancellor and does not have the statutory protection provided for classified staff who by law have a right to run and know that their job is not in jeopardy. He saw that difference as a very serious problem.

Stating his support for the policy, Regent Flores said his only concern was that the involvement of university personnel in public service not be inhibited. Noting the UW System's long history of such involvement, which had greatly benefited the state, he cautioned that the ability to engage in public service should not be discouraged. If it is found that this policy should interfere with the tradition of public service, it could and should be reconsidered.

Put to the vote, Resolution 5374 was adopted, with Regents Dreyfus and Vattendahl voting "No."

Academic Staff

→ Status Report on Academic Staff Job Security, pp 36-37

Continuing the report of the Education Committee, Regent Flores stated that Executive Vice President Lyall presented a status report on academic

staff job security, which summarized the changes in appointment patterns between 1982 and 1989. The report indicated that there is a wider use of multiple year appointments, rolling horizon appointments and indefinite appointments with provisions for adequate notice and due process. Douglas Lueck, Director of Academic Staff Affairs, Wisconsin Education Association Council, presented criticisms of the report. Regent Weinstein asked Mr. Lueck to put forward a proposal addressing these concerns for Board consideration.

Faculty

Discussion of Appointment Terms for Faculty and Academic Staff, p. 37

Executive Vice President Lyall presented the Committee with this report, which was compiled at the request of Regent Gelatt. She observed that, whereas the previous report responded to the concern of the Regents for greater job security for academic staff, this report raised the question of whether the Board should have greater involvement in decisions concerning the length of appointments for different groups of employees. Mr. Lueck again spoke and again was asked to develop a proposal on this topic.

Academic Staff - (same)

In discussion at the Board meeting, Regent Gelatt explained his concern that Resolution 3941, on delegation of hiring and salary-setting authority, speaks only to salary and not to other terms of employment. Just as the Legislature has been concerned that the Board review the salaries of highly compensated employees, it seemed reasonable that the Board should have an explicit policy either to review or not to review other terms of employment of highly compensated employees. Noting that it is a relatively small number who are in the above-Group 6 maximum and for whom there is some discretion on terms of employment, he stated his interest that the Board be involved in decisions on terms of employment as well as salaries.

Regent Gelatt therefore suggested that the second paragraph of Resolution 3941, which states that "the President shall furnish the Board with a description of the position and the justification of the salary range assigned to it," be amended to read, "justification of the salary range and other employment conditions assigned to it."

Vice President Lyon referred the matter back to the Education Committee for consideration of Regent Gelatt's suggestion.

UW-Superior - Staff

Appointment of Professor of History Emeritus and Vice Chancellor for Academic Affairs Emeritus, UW-Superior, Jean Haugland, R 5365

Regent Flores presented Resolution 5365 which was approved in closed session of the Education Committee.

pp 37-38

Upon motion by Regent Flores, seconded by Regent Hanson, the following resolution was unanimously adopted by the Board of Regents with an ovation for Vice Chancellor Haugland:

x ref Haugland, Jean - (same, but omit her name)

x ref Chancellors - (same)

Resolution 5365: Be it resolved, that the Board of Regents, upon recommendation of the Chancellor of the University of Wisconsin-Superior and the President of the University of Wisconsin System, expresses appreciation to Professor John Haugland for his able leadership during the twenty-one years he has served as Vice Chancellor for Academic Affairs of the University of Wisconsin-Superior and, that upon his retirement, designates him Professor of History Emeritus and Vice Chancellor for Academic Affairs Emeritus of the University of Wisconsin-Superior.

Regent Vice President Lyon stated Board commendation and gratitude to Vice Chancellor Haugland for his service to the University of Wisconsin System. He also recognized Mrs. Haugland, who was attending the meeting with the Vice Chancellor.

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At 11:50 a.m., Regent Gundersen read the following resolution and moved its adoption by the Board of Regents. The motion was unanimously adopted on a roll-call vote, with Regents Clusen, Doughty Luckhardt, Dreyfus, Gelatt, Gundersen, Hanson, Lyon, Nicholas, Nikolay, Vattendahl, Weinstein voting "Aye" (11), and no Regents voting "No."

Resolution 5366: That the Board of Regents recess in closed session to consider personnel matters, including possible appointment of a Vice Chancellor for Academic Affairs at UW-Superior, as permitted by s. 19.85(1)(c), *Wis. Stats.*; to consider naming of facilities after persons at UW-Green Bay and UW-La Crosse, as permitted by s. 19.85(1)(f), *Wis. Stats.*; and to confer with legal counsel, as permitted by s. 19.85(1)(g), *Wis. Stats.*

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CLOSED SESSION ACTIONS

The Board arose from closed session at 1:30 p.m. and announced adoption of the following resolution:

Resolution 5367: That, upon recommendation of the Chancellor of the University of Wisconsin-Superior and the President of the University of Wisconsin System, Betty J. Youngblood be appointed Vice Chancellor for Academic Affairs and Dean of the Faculty, and Professor of Political Science with tenure, University of Wisconsin-Superior, at an annual salary rate of \$70,000, effective January 1, 1990.

Chancellor - Appointment of Betty J. Youngblood Vice Chan. for Academic Affairs + Dean of Faculty + Prof. of Political Science w/ tenure, UW-Superior, 1/1/90, R 5367, p. 39

The meeting was adjourned at 1:30 p.m.

X ref UW-Superior - Staff - (same)

X ref Youngblood, Betty J. - (same)

Judith A. Temby
Judith A. Temby
Secretary

November 30, 1989

0178X

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

1. MULTIPLE DONORS
MECHANICAL SCIENCES 4-H
MSN AG&LSC AG ENGINEERING (133-L132) 129.75
2. WISCONSIN YOUTH SYMPHONY ORCHESTRAS
MADISON, WI
SUPPORT OF WISCONSIN YOUTH SYMPHONY ORCHESTRAS
MSN OUTRCH CONTIN EDUC-ARTS CONTIN EDU (133-NO26) 659.07
3. SUPPORT PROGRAMS OF THE DEPARTMENT OF BUSINESS AND
MANAGEMENT
MSN BUS MANAGMENT INSTIT (133-4539)

1,750.00 LEAGUE MANAGEMENT INSTITUTE
MADISON, WI
200.00 MULTIPLE DONORS
100.00 MULTIPLE DONORS

2,050.00
4. PIONEER HI-BRED INTERNATIONAL, INC.
JOHNSTON, IA
SUPPORT CROP EVALUATION
MSN AG&LSC AGRONOMY (133-8685) 1,000.00

GIFT-IN-KIND

1. NATIONAL CENTER FOR EFFECTIVE SCHOOLS, RESEARCH &
DEVELOPMENT FOUNDATION
OKEMOS, MI
FURNITURE AND COMPUTER EQUIPMENT
MSN EDUC WIS CTR EDUC RES
2. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
WARRINGTON COLESCOTT, LAPS
MSN L&S ELVJM MUSEUM ART
3. WARRINGTON COLESCOTT
HOLLANDALE, WI
WARRINGTON COLESCOTT, 4 PLATES, 2 STENCILS FOR
LAPS
MSN L&S ELVJM MUSEUM ART
4. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
ODESSA BY ROBERT CUMMINGS
MSN L&S ELVJM MUSEUM ART
5. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
3 WATERCOLORS BY SARAH SCHUMANN
MSN L&S ELVJM MUSEUM ART

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

6. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
LUIS JIMENEZ, SOUTHWEST PIETA
MSN L&S ELVJM MUSEUM ART
7. DEPARTMENT OF ART
MADISON, WI
FRANCES MYERS, THAT LADY AGAIN
MSN L&S ELVJM MUSEUM ART
8. SYBIL ROBINSON
MADISON, WI
THREE-PIECE DRESS ENSEMBLE - SILK MATERIAL
DESIGNED BY DAVIDOW
MSN L&S THEATRE & DRAMA
9. UW FOUNDATION
MADISON, WI
1989 FORD TRUCK
MSN ATH GENERAL OPERATNS ADMIN
10. INTEL CORPORATION
HILLSBORO, OR
COMPUTER EQUIPMENT - PCIB1200 AND 302 SYSTEM
MSN ENGR CMPTR-AIDED ENGR
11. INTEL CORPORATION
HILLSBORO, OR
COMPUTER EQUIPMENT - PCIB1200 AND A80387-16 SX104
MSN ENGR CMPTR-AIDED ENGR
12. FRED BADIYAN
EXCELSIOR, MN
EVANS & SUTHERLAND PS300 GRAPHICS SYSTEM A
MONOCHROME, HIGH-QUALITY GRAPHICS TERMINAL
FOR RENDERING OF 3-D OBJECTS
MSN GRAD ENZYME INSTITUTE
13. MRS. MILDRED MYHRMAN
LEWISTON, ME
28 VOLUMES OF SCANDINAVIAN HISTORY
MSN LIBR GEN OPERATIONS LIB ACQSTN
14. MR. RICHARD D. ARMSTRONG
STOUGHTON, WI
20 VOLUMES IN EUROPEAN HISTORY, RELIGION AND
LITERATURE
MSN LIBR GEN OPERATIONS LIB ACQSTN
15. ROBERT G. LEWIS
WASHINGTON, D.C.
A COLLECTION OF SCIENTIFIC AMERICAN DATING FROM
1960
MSN LIBR GEN OPERATIONS LIB ACQSTN

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

16. NEW BRUNSWICK SCIENTIFIC CO.
EDISON, NJ
BIOFLOW III AND ADVANCED FERM. SOFTWARE KIT
MSN GRAD BIOTECHNOLGY CTR

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) NATIONAL RESOURCE CENTER PROGRAM
LATIN AMERICAN AREA STUDIES
FOR THE PERIOD 08-15-89 THROUGH 08-14-90
AWARD # PO15A80018-89
MSN L&S SPANISH & PORT IBERO-AMER (144-BD09) 73,810.00
- 2) NATIONAL RESOURCE CENTER PROGRAM
EAST ASIAN AREA STUDIES
FOR THE PERIOD 08-15-89 THROUGH 08-14-90
AWARD # PO15A80005-89
MSN L&S INTRDPT CR PROGS E ASIA STU (144-BD13) 117,000.00
- 3) PREPARATION OF RELATED SERVICES PERSONNEL
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # HO29F90018
MSN GRAD WAISMAN CENTER (144-BG02) 75,027.00
- 4) DRUG FREE SCHOOLS AND COMMUNITIES PROGRAM
EDUCATIONAL PERSONNEL TRAINING PROGRAMS
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # S207A90035
MSN HS-MED GENET CLIN PROG (144-BG60) 127,727.00
- 5) TRAINING IN REHABILITATION COUNSELING AT THE
MASTER'S DEGREE LEVEL
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # H129B90029-89
MSN EDUC REHAB PSYC&SP ED (144-BH06) 104,501.00
2. COOPERATIVE EDUCATIONAL SERVICE AGENCY NO. 7
GREEN BAY, WI
PRIME CONTRACTOR WITH DED
ADMINISTRATIVE TRAINING PROJECT FOR WISCONSIN
SPECIAL EDUCATION ADMINISTRATORS
FOR THE PERIOD 08-01-89 THROUGH 08-31-90
AWARD # AGR DTD 10/6/89
MSN EDUC EDUC ADMIN (144-BH68) 32,988.00
3. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) THE ECONOMICS OF MENTAL HEALTH
FOR THE PERIOD 09-30-89 THROUGH 06-30-90
AWARD # 2 T32 MH18029-06
MSN L&S ECONOMICS (144-BH47) 62,700.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

2)	PRIMARY CARE SUBSTANCE ABUSE CLINICAL TRAINING PROJECT FOR THE PERIOD 09-29-89 THROUGH 08-31-90 AWARD # 1 TO1 AAO7488-01 MSN HS-MED FAM MED & PRACT RESRCH DIV (144-BH58)	144,435.00
4.	DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN ROCKVILLE, MD INTERDISCIPLINARY EDUCATION OF PEDIATRIC THERAPISTS FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # MCJ-009102-03-0 MSN HS-A H OCCUP THERAPY (144-BD23)	82,910.00
5.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD IN SUPPORT OF THE FOLLOWING:	
1)	POSTDOCTORAL TRAINING IN CHEMICAL CARCINOGENESIS FOR THE PERIOD 05-08-89 THROUGH 04-30-90 AT A TOTAL COST OF \$84,913.00 AWARD # 5 T32 CA09020-15, MOD. 1 MSN HS-MED ONCOLOGY (144-AY89)	31,464.00
2)	PHYSICIAN SCIENTIST TRAINING IN CANCER MEDICINE FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AT A TOTAL COST OF \$189,133.00 AWARD # 5 T32 CA09614-02, MOD. 1 MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY (144-AZ23)	38,044.00
3)	POSTDOCTORAL TRAINING IN TUMOR BIOLOGY FOR THE PERIOD 06-01-89 THROUGH 05-31-90 AT A TOTAL COST OF \$50,899.00 AWARD # 5 T32 CA09230-14, MOD. 1 MSN HS-MED ONCOLOGY (144-AZ45)	31,356.00
6.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI A. J. AND ADELAIDE E. RIKER SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-K493)	12,348.81
7.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INTEGRATED LIBERAL STUDIES PROGRAM FUND MSN L&S INTEG LIB STU (133-L455)	1,000.00
8.	WISCONSIN NEWSPAPER ASSOCIATION NEWSPAPER IN EDUCATION COMMITTEE MILWAUKEE, WI PRESS IN THE SCHOOL CURRICULUM WORKSHOP FOR THE PERIOD 06-19-89 THRU 06-29-89 MSN EDUC CURRIC & INSTR (133-P393)	372.00
9.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CONTROL ROOM REMODELING MSN ENGR MAT SCI & ENGR (133-P865)	20,500.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

10.	FORD FOUNDATION NEW YORK, NY COMPARATIVE ETHNIC STUDIES FOR THE PERIOD 10-01-89 THRU 09-30-92 MSN L&S ADMINISTRATION	(133-P932)	250,000.00
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LIBRARIES

1.	EDUCATION, DEPT OF WASHINGTON, DC TITLE II-C STRENGTHENING RESEARCH LIBRARY RESOURCES PROGRAM FOR THE PERIOD 10-01-89 THROUGH 09-30-90 AWARD # R091A90055 MSN LIBR ADMINISTRATION	(144-BH29)	130,000.00
2.	MULTIPLE DONORS PURCHASE OF LIBRARY MATERIALS AND SUPPLIES MSN LIBR GEN OPERATIONS SUPP & EQ	(133-F543)	300.00
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COOPERATIVE CHILDREN'S BOOK CENTER DISCRETIONARY FUND MSN EDUC INSTR MATER CTR C C B C	(133-P991)	1,000.00
4.	MULTIPLE DONORS FRIENDS OF THE MEDICAL LIBRARY FUND MSN HS-ADM LIBRARY	(133-5690)	38.43
5.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEFRAY COST OF ACQUIRING BOOKS FOR A GRADUATE READING ROOM IN POLITICAL SCIENCE MSN L&S POLITICAL SCI	(133-7326)	174.65
6.	WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION MADISON, WI WISCONSIN INTERLIBRARY SERVICES (WILS) MSN LIBR WIS INTRLIB SVCS	(133-8791)	128,100.00

MISCELLANEOUS

1.	MULTIPLE DONORS ALLEN, HELEN LOUISE--TEXTILE STUDIES MSN FR&CS FAM RSRC&CNSM SC ADMIN	(TRUST)	20.00
2.	SCHULTE, HELEN DENNE--LOAN FUND MSN HS-NUR	(TRUST)	
	7,042.50 CONTINENTAL BANK N.A. CHICAGO, IL		
	10,476.67 CONTINENTAL BANK N.A. SCHULTE, HELEN D. TRUST CHICAGO, IL		

17,519.17

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MISCELLANEOUS

3.	PIPER, JAFFRAY & HOPWOOD CURLER, HOWARD APPLETON, WI BOHN, DONALD I.--ENGINEERING FUND MSN ENGR OPERATIONS	(TRUST)	10,367.68
4.	FIRST WISCONSIN-MADISON MADISON, WI SCHORGER, A.W.--WILDLIFE ECOLOGY MSN AG&LSC N R-WILDLIF ECOL	(TRUST)	10,825.84
5.	MULTIPLE DONORS ROBERTS, FANNIE ATWOOD--AGRICULTURE MSN AG&LSC PLANT PATHOLOGY POTATO-GEN	(TRUST)	125.00
6.	COUNCIL FOR CHEMICAL RESEARCH BETHLEHEM, PA CHEMICAL ENGINEERING DISCRETIONARY FUND MSN ENGR CHEMICAL ENGR	(TRUST)	5,026.00
7.	COMPUTER SCIENCES DEPARTMENT FELLOWSHIP #2 MSN L&S COMPUTER SCI	(TRUST)	
	41,496.00 INTERNATIONAL BUSINESS MACHINES SOUTHBURY, CT		
	500.00 CONCURRENT COMPUTER CORPORATION OCEANPORT, NJ		
			41,996.00
8.	CREATIVE BIO MOLECULES HOPKINTON, MA DEPARTMENT OF BACTERIOLOGY-SEMINAR SPEAKERS FUND MSN AG&LSC BACTERIOLOGY	(TRUST)	250.00
9.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HISTORY DEPARTMENT--UNDERGRADUATE AWARDS AND PRIZES FUND MSN L&S HISTORY	(TRUST)	4,119.02
10.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GOLDBERG CENTER TRUST FUND MSN L&S HISTORY	(TRUST)	11,259.97
11.	ROUNDS, WAYNE M. & JOAN G. MADISON, WI PAUL, LESTER W.--VISITING PROFESSORSHIP IN RADIOLOGY MSN HS-MED RADIOLOGY	(TRUST)	350.00
12.	PRUDENTIAL INSURANCE COMPANY SAN FRANCISCO, CA UNIVERSITY OF WISCONSIN-MADISON LEADERSHIP TRUST MSN G SERV FELLOWS & SCHOLS	(TRUST)	71.23

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MISCELLANEOUS

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| 13. | CITIBANK, N.A.
NEW YORK, NY
WEEKS, LEWIS G. #2--GEOLOGY AND GEOPHYSICS
MSN L&S GEOL & GEOPHYSICS (TRUST) | 60,000.00 |
| 14. | COMMERCE, DEPT OF
WASHINGTON, DC
IPA AGREEMENT
FOR THE PERIOD 09-01-89 THROUGH 04-30-90
AWARD # AGR #89-0002
MSN BUS SCH OF BUSINESS (144-BG76) | 57,166.22 |
| 15. | NEWINGTON CHILDREN'S HOSPITAL
NEWINGTON, CT
PRIME CONTRACTOR WITH DED
UPDATING, MAINTENANCE AND OPERATION OF ABLEDATA
DATABASE PROGRAM
FOR THE PERIOD 09-30-88 THROUGH 09-29-90
AT A TOTAL COST OF \$40,000.00
AWARD # RFP-88-041, MOD. 1
MSN GRAD WAISMAN CENTER (144-AS09) | 20,000.00 |
| 16. | NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
THE WONDERS OF PHYSICS
FOR THE PERIOD 10-15-89 THROUGH 09-30-90
AWARD # MDR-8955097
MSN L&S PHYSICS (144-BG98) | 15,840.00 |
| 17. | VETERANS ADMIN
MADISON, WI
COST-BENEFIT ANALYSIS OF THE MOBILE COMMUNITY
TREATMENT PROGRAM
FOR THE PERIOD 09-14-89 THROUGH 09-13-90
AWARD # P.O. #607D95499
MSN HS-MED PREVENTIVE MED (144-BH34) | 345.00 |
| 18. | WISCONSIN VETERANS HOME
KING, WI
PRIME CONTRACTOR WITH VA
DEVELOPMENT OF NURSING HOME RESIDENT ACUITY
INDEX FOR DVA
FOR THE PERIOD 08-15-89 THROUGH 06-30-90
AWARD # PO# VHJ 50347000
MSN ENGR ENGR EXPER STA HLTH SYS'S (144-BH36) | 10,385.28 |
| 19. | VARIOUS GOVERNMENTAL AGENCIES
WASHINGTON, DC
LEGAL PLANNING FOR LONG-TERM CARE PROJECT
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # AGR DTD 9-25-89
MSN LAW LAW SCHOOL (144-BH33) | 70,956.00 |
| 20. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
HISTORY OF SCIENCE DEPARTMENT CHAIRMAN'S
DISCRETIONARY FUND
MSN L&S HISTORY OF SCI (133-A088) | 10,225.52 |

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21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELECTIVE FOURTH YEAR LAB WORK FOR PG 4S MSN HS-MED ANESTHESIOLOGY	(133-A537)	2,311.00
22.	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)	681.66
23.	CENTER FOR PUBLIC REPRESENTATION, INC. MADISON, WI DEFRAY CONSULTANT, PROJECT ASSISTANT AND XEROXING COSTS AT THE CENTER FOR PUBLIC REPRESENTATION MSN LAW LAW SCHOOL	(133-B156)	70.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRIENDS OF THE ELVEHJEM ART CENTER MSN L&S ELVJM MUSEUM ART	(133-B163)	2,300.00
25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BEYER PROFESSORSHIP IN ACCOUNTING MSN BUS SCH OF BUSINESS	(133-C281)	300.00
26.	UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SURGICAL ASSOCIATES ACCOUNT EXAMINER SALARY SUPPORT MSN HS-MED SURGERY	(133-C334)	52,853.00
27.	UNIVERSITY RADIATION ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP	(133-C796)	30,000.00
28.	MULTIPLE DONORS DEPARTMENT OF AGRICULTURAL ENGINEERING CHAIRMAN'S DISCRETIONARY ACCOUNT MSN AG&LSC AG ENGINEERING	(133-C852)	200.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTS OUTREACH MSN ODEL P SV-ARTS	(133-D560)	12,850.35
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI META SCHROEDER BECKNER HOME MAKER ENDOWMENT MSN FR&CS FAM RSRC&NSM SC ADMIN	(133-D710)	17,240.00
31.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E647)	2,074.68

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32.	UNIVERSITY HOSPITAL INTERNISTS MADISON, WI UNIVERSITY HOSPITAL INTERNISTS' PROGRAM SUPPORT MSN HS-MED MEDICINE	(133-F102)	160,000.00
33.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-F665)	1,462.50
34.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-F666)	1,462.50
35.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-F667)	1,462.50
36.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-F668)	1,462.50
37.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-F669)	1,750.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY FUND MSN L&S ELVJM MUSEUM ART	(133-G348)	3,983.00
39.	NATIONAL CONSORTIUM FOR GRADUATE DEGREES FOR MINORITIES IN ENGINEERING, INC. NOTRE DAME, IN 1989-90 GEM FELLOWSHIP PROGRAM MSN GRAD	(133-G513)	3,750.00
40.	MULTIPLE DONORS DISCRETIONARY FOR USE OF PHYSIOLOGISTS IN BOTANY MSN L&S BOTANY	(133-G608)	35.00
41.	AMERICAN INSTITUTE OF THE HISTORY OF PHARMACY ADA, OH HISTORY OF PHARMACY PROGRAM MSN HS-PHR PHARMACY	(133-G642)	100.00

GIFTS, GRANTS AND CONTRACTS
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42.	COUNCIL FOR CHEMICAL RESEARCH, INC. BETHLEHEM, PA UNRESTRICTED GRANT MSN L&S CHEMISTRY	(133-G681)	6,318.00
43.	MULTIPLE DONORS CHAIRMAN'S DISCRETIONARY ACCOUNT MSN AG&LSC NR-LANDSCAP ARCH	(133-G984)	222.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CONSERVATION OF VAN VLECK PRINTS MSN L&S ELVJM MUSEUM ART	(133-G989)	1,500.00
45.	WILLIAM HABER ESTATE HIGHLAND PARK, IL SUPPLIES, EQUIPMENT AND MISCELLANEOUS EXPENSES MSN L&S ECONOMICS	(133-H571)	2,500.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALUMNI CENSUS MSN AC SVC OFF OF REGISTRAR ADMIN	(133-H968)	13,600.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - MARKETING MSN BUS SCH OF BUSINESS	(133-J188)	2,500.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF LIBRARY AND INFORMATION STUDIES DISCRETIONARY FUND MSN L&S LIB&INF ST	(133-J687)	2,200.00
49.	CERVANTES SOCIETY OF AMERICA MADISON, WI DISCRETIONARY FUND FOR THE DEPARTMENT OF SPANISH AND PORTUGUESE MSN L&S SPANISH & PORT	(133-J695)	7.87
50.	MULTIPLE DONORS UNRESTRICTED GRANT FOR THE INSTITUTE FOR CHEMICAL EDUCATION MSN L&S CHEMISTRY	(133-J716)	4,456.00
51.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU	(133-J775)	500.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MAINTENANCE OF ZIEMANN LOUNGE AT THE WAISMAN CENTER MSN GRAD WAISMAN CENTER	(133-J782)	11,000.00

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53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EDITH L. GILBERTSON ART FUND MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-J844)	2,000.00
54.	CONTINUING MEDICAL EDUCATION MSN HS-MED PEDIATRICS	(133-J859)	
	10.00 MULTIPLE DONORS 1,000.00 LEWIS BARNES M.D. MADISON, WI		
			1,010.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRENCH DEPARTMENT DISCRETIONARY FUND MSN L&S FRENCH & ITALIAN	(133-K219)	2,000.00
56.	DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE	(133-K551)	
	2,290.00 MULTIPLE DONORS 640.00 BASIC AMERICAN FOODS HANFORD, CA 220.00 MULTIPLE DONORS 100.00 MULTIPLE DONORS 60.00 MULTIPLE DONORS 320.00 MULTIPLE DONORS		
			3,630.00
57.	MULTIPLE DONORS WISCONSIN STUDENT PLANNING ASSOCIATION - LIBRARY FUND MSN L&S URBAN & REG PLAN	(133-K866)	20.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOGRAPHY	(133-L388)	1,000.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PAULETTE CHANDLER ART STUDENT AWARD MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-L785)	1,500.00
60.	WORTH PUBLISHERS, INC. NEW YORK, NY MANUSCRIPT PREPARATION FOR PRINCIPLES OF BIOCHEMISTRY-NELSON MSN AG&LSC BIOCHEMISTRY	(133-L850)	1,500.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF EDUCATION ALUMNI ACTIVITIES MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-M137)	10,000.00

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62.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC JOURNAL OF MEDICINAL CHEMISTRY EDITORIAL EXPENSES MSN HS-PHR PHARMACY (133-M375)	2,373.77
63.	AFFILIATED UNIVERSITY PHYSICIANS MADISON, WI PARTNERSHIP BUSINESS EXPENSES FOR OPERATION OF RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MSN HS-MED RADIOLOGY (133-M530)	9,000.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED (133-M564)	2,000.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONE-TIME DEPARTMENTAL REQUESTS MSN HS-MED (133-M565)	10,000.00
66.	MADISON METROPOLITAN SCHOOL DISTRICT MADISON, WI PARENT INFANT SALARIES/EXPENSES MSN HS-PSY PSYCHIATRIC INST (133-M731)	500.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION PROJECT ASSISTANTS MSN BUS SCH OF BUSINESS (133-N329)	13,914.10
68.	WISCONSIN ARTS BOARD MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION PROJECT ASSISTANTS MSN BUS SCH OF BUSINESS (133-N330)	24,992.00
69.	NORTH FARM COOPERATIVE MADISON, WI SUPPORT ACTIVITIES AT U.C.C. MSN AG&LSC COOPTVS, U CTR (133-N350)	2,000.00
70.	WAVERLY PRESS, INC. BALTIMORE, MD CLINICAL IMMUNOLOGY BOOK (ROYALTIES) FUND MSN HS-MED MEDICINE RHEUMATOL (133-P068)	1,485.61
71.	MULTIPLE DONORS NATHAN S. BLOUNT MEMORIAL COLLECTION AWARD MSN EDUC INSTR MATER CTR (133-P276)	20.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HARVEY GOLDBERG CENTER DISBURSEMENT FUND MSN L&S HISTORY (133-P419)	740.03

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73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BANNERS PROJECT MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-P831)	368.00
74.	DANE COUNTY CULTURAL AFFAIRS COMMISSION MADISON, WI ELVEHJEM ART LINK MSN L&S ELVJM MUSEUM ART	(133-P837)	3,000.00
75.	MEMORIAL UNION BUILDING ASSOCIATION MADISON, WI BANNERS PROJECT MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-P896)	4,744.00
76.	MONTANA STATE UNIVERSITY BOZEMAN, MT DEFRAY COSTS AS PRESIDENT OF THE RURAL SOCIOLOGY SOCIETY MSN AG&LSC RURAL SOCIOLOGY	(133-P917)	1,500.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ACQUISITION OF ART MSN L&S ELVJM MUSEUM ART	(133-P918)	400.00
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PHARMACY ALUMNI ACTIVITIES ACCOUNT MSN HS-PHR PHARMACY	(133-P919)	1,000.00
79.	BOSTON UNIVERSITY BOSTON, MA DISCRETIONARY ACCOUNT MSN L&S PHYSICS	(133-P921)	1,000.00
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S GERMAN	(133-P924)	1,000.00
81.	DANE COUNTY CULTURAL AFFAIRS COMMISSION MADISON, WI SUNDAY AFTERNOON LIVE CONCERT SERIES MSN L&S ELVJM MUSEUM ART	(133-P948)	1,500.00
82.	CENTER FOR ADVANCED STUDIES IN BUSINESS MADISON, WI SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS	(133-0179)	19,356.00
83.	OPERA PROPS MADISON, WI SCHOOL OF MUSIC CHAIRMAN'S DISCRETIONARY FUND MSN L&S SCHOOL OF MUSIC	(133-0199)	1,300.00

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84.	WISCONSIN LAW ALUMNI ASSOCIATION MADISON, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL	(133-2128)	9,053.50
85.	KRAFT FOUNDATION-KRAFT GENERAL FOODS BOSTON, MA CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS	(133-5984)	500.00
86.	UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY RAD THERAP	(133-6225)	
	860.00 MULTIPLE DONORS		
	1,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	125.00 MULTIPLE DONORS		
	285.00 MULTIPLE DONORS		
	160.00 MULTIPLE DONORS		
			2,430.00
87.	UNIVERSITY OBSTETRICS-GYNECOLOGY ASSOCIATES MADISON, WI SUPPORT OPERATIONS OF GYNECOLOGY-OBSTETRICS ASSOCIATES MSN HS-MED OBSTET & GYNECOL	(133-6296)	94,100.00
88.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENGLISH DEPARTMENT CHAIRMAN'S DISCRETIONARY GRANT MSN L&S ENGLISH	(133-7849)	5,550.00
89.	MULTIPLE DONORS LONGENECKER HORTICULTURAL AREAS DEVELOPMENT FUND MSN ARBOR ARBORETUM	(133-7854)	490.00
90.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENVIRONMENTAL AWARENESS CENTER DEVELOPMENT FUND MSN AG&LSC N R-ENVIR AWARE	(133-8925)	1,500.00
91.	BIOCHEMISTRY DEPARTMENT FUND TO BE USED AT THE DISCRETION OF THE DEPARTMENT CHAIRMAN MSN AG&LSC BIOCHEMISTRY	(133-9329)	
	5,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	6,500.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
			11,500.00
92.	MULTIPLE DONORS WAISMAN CENTER ON MENTAL RETARDATION AND HUMAN DEVELOPMENT FUND MSN GRAD WAISMAN CENTER	(133-9545)	250.00

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93. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
NUTRITIONAL SCIENCES GENERAL PURPOSE FUND
MSN AG&LSC NUTRITIONAL SCI (133-9610) 150.00

RESEARCH

1. GENENTECH, INC.
SOUTH SAN FRANCISCO, CA
MATERIAL TRANSFER AGREEMENT
MSN HS-MED ONCOLOGY

2. GENEVA LAKES KENNEL CLUB
DELAVAN, WI
CONSULTING AGREEMENT
MSN VET M ADM-DEAN'S OFFIC DEAN'S OFF

3. GENETICS INSTITUTE
CAMBRIDGE, MA
MATERIAL TRANSFER AGREEMENT
MSN AG&LSC MEAT& ANIMAL SCI

4. RESEARCH INSTITUTE OF SCRIPPS CLINIC
LA JOLLA, CA
MATERIAL TRANSFER AGREEMENT
MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY

5. CETUS CORPORATION
EMERYVILLE, CA
MATERIAL TRANSFER AGREEMENT
MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY

6. ISTITUTO SIEROTERAPICO MILANESE S. BELFANTI
PARTITA, I.V.A.
MATERIAL TRANSFER AGREEMENT
MSN AG&LSC DAIRY SCIENCE

7. ELI LILLY AND COMPANY
INDIANAPOLIS, IN
MATERIAL TRANSFER AGREEMENT
MSN HS-PHR PHARMACY

8. EARNINGS ON MISC. INVESTMENTS
PHANEUF, DUANE--MEDICAL RESEARCH
MSN HS-MED (TRUST) 73.63

9. WISCONSIN ALUMNI RESEARCH
MADISON, WI
MCARDLE LABORATORY FOR CANCER RESEARCH
DISCRETIONARY FUND
MSN HS-MED ONCOLOGY (TRUST) 509.61

10. BALDWIN, JEFFREY & DENISE
FREEPORT, IL
COLLINS, HORACE--LEUKEMIA RESEARCH
MSN HS-MED MEDICINE HEMATOLOGY (TRUST) 100.00

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RESEARCH

11.	TUBERCULOSIS RESEARCH FUND MSN HS-MED MED MICROBIOLOGY	(TRUST)	
	400.00	MADISON ANTI TUBERCULOSIS AND RESPIRATORY DISEASE AREA MADISON, WI	
	7,500.00-	APPLIED BIOTECHNOLOGY, INC. UNIVERSITY OF WISCONSIN	
			7,100.00-
12.	PLANT DISEASE RESEARCH FUND MSN AG&LSC PLANT PATHOLOGY	(TRUST)	
	1,000.00	NOR-AM CHEMICAL COMPANY WILMINGTON, DE	
	6,500.00	FERMENTA ASC CORP MENTOR, OH	
			7,500.00
13.	NORWEST BANK MINNESOTA LYNUM EDITH, TRUST MINNEAPOLIS, MN LYNUM, EDITH H.--MEDICAL RESEARCH MSN HS-MED	(TRUST)	4,230.05
14.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BACTERIOLOGY GRADUATE RECRUITMENT FUND MSN AG&LSC BACTERIOLOGY	(TRUST)	9,500.00
15.	UW PRESS MADISON, WI GREENWOOD PRESS, INC WESTPORT, CT SCHOOL OF EDUCATION--WISCONSIN CENTER FOR EDUCATION RESEARCH MSN EDUC GENERAL ADMIN DEAN'S OFF	\$67.50 18.64 (TRUST)	86.14
16.	MCARDLE LABORATORY FOR CANCER RESEARCH-- DISCRETIONARY FUND MSN HS-MED ONCOLOGY	(TRUST)	
	3,000.00	SZYBALSKI, W. MADISON, WI	
	11,251.00	KESSENICH, EUNICE C. MIDDLETON, WI C.D.O. UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOC. MADISON, WI	\$10751.00 500.00
	10,000.00	SEVERSON, FLORENCE M. ESTATE NELSONVILLE, WI	
	713.00	MULTIPLE DONORS	
			24,964.00

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RESEARCH

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| 17. | MULTIPLE DONORS
WISCONSIN CLINICAL CANCER CENTER--RESEARCH
MSN HS-MED CANCER CTR | (TRUST) | 2,423.00 |
| 18. | FRITTS, ELIPHA FLUGUM ESTATE
STOUGHTON, WI
FRITTS, ELPHIA FLUGUM--CANCER RESEARCH FUND
MSN HS-MED ONCOLOGY | (TRUST) | 13,553.91 |
| 19. | AGRICULTURE, DEPT OF
FORT COLLINS, CO
IDENTIFICATION OF RFLP MARKERS FOR STUDYING
GENETIC VARIATION IN OVULATION RATE IN THE BOVINE
FOR THE PERIOD 09-01-89 THROUGH 08-31-94
AWARD # 58-82HW-M-47
MSN AG&LSC MEAT& ANIMAL SCI | | |
| 20. | AGRICULTURE, DEPT OF
ALEXANDRIA, VA
FOOD STAMP ELIGIBILITY, LABOR SUPPLY AND PROGRAM
PARTICIPATION
FOR THE PERIOD 09-25-89 THROUGH 09-24-90
AWARD # 59-3198-9-41
MSN L&S INST-RES ON POV | (144-BH48) | 99,960.00 |
| 21. | AGRICULTURE, DEPT OF
LARAMIE, WY
SUPPORT OF AGRICULTURAL RESEARCH OF
MUTUAL INTEREST
FOR THE PERIOD 07-01-89 THROUGH 09-30-89
AWARD # 58-5114-7-2003
MSN VET M ADM-DEAN'S OFFIC DEAN'S OFF | (144-BG69) | 64,900.00 |
| 22. | AGRICULTURE, DEPT OF
PEORIA, IL
IN SUPPORT OF THE FOLLOWING: | | |
| 1) | POTATO GENETICS & ENHANCEMENT WITH THE
TUBER-BEARING SOLANUMS
FOR THE PERIOD 07-01-89 THROUGH 10-31-89
AWARD # 58-5114-9-1021
MSN AG&LSC HORTICULTURE | (144-BG04) | 7,715.00 |
| 2) | DETERMINATION OF CONTRIBUTION OF FRUCTANS TO DAILY
GROWTH AND MAINTENANCE OF BARLEY VEGETATIVE
TISSUES
FOR THE PERIOD 09-11-89 THROUGH 08-31-90
AWARD # 58-5114-9-1002
MSN AG&LSC AGRONOMY | (144-BG62) | 7,500.00 |
| 3) | EVALUATION OF NEW PHEROMONES, ATTRACTANTS, AND
TRAPS FOR SAMPLING STORED-PRODUCT INSECTS
FOR THE PERIOD 09-26-89 THROUGH 09-30-90
AWARD # 58-5114-9-1023
MSN AG&LSC ENTOMOLOGY | (144-BH38) | 25,000.00 |

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23. AGRICULTURE, DEPT OF
ST. PAUL, MN
DEVELOPMENT OF SHOOT AND PHOTOPLAST CULTURES
FOR GENERATION OF POPULUS AND LARIX SOMACLONES
FOR THE PERIOD 09-29-89 THROUGH 06-22-92
AWARD # 23-87-09 MOD#1
MSN AG&LSC HORTICULTURE (144-BH31) 35,071.00
24. AGRICULTURE, DEPT OF
WASHINGTON, DC
CONSTITUTIVE RESISTANCE TO HERPESVIRAL
INFECTION IN TRANSGENIC MICE
FOR THE PERIOD 09-01-89 THROUGH 08-31-92
AWARD # 89-34116-4853
MSN AG&LSC VETERINARY SCI (144-BG71) 150,000.00
25. AGRIC, COOPERATIVE STATE RESEARCH SERVICE
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) EFFECTS OF 4-IPOMEANOL ON BOVINE VIRAL PNEUMONIA
FOR THE PERIOD 09-15-89 THROUGH 09-30-91
AWARD # 89-34116-4923
MSN VET M PATHOBIOLGCL SCI (144-BH01) 119,467.00
- 2) MYOFIBRIL ASSEMBLY IN MAMMALIAN
SKELETAL MUSCLE
FOR THE PERIOD 09-15-89 THROUGH 09-30-91
AWARD # 89-37265-4894
MSN AG&LSC MEAT& ANIMAL SCI (144-BH56) 170,000.00
- 3) PERSISTANCE OF VESICULAR STOMATITIS VIRUS NEW
JERSEY IN NATURE
FOR THE PERIOD 09-15-89 THROUGH 09-30-92
AWARD # 89-37266-4930
MSN AG&LSC VETERINARY SCI (144-BH57) 203,000.00
26. AGRIC, FOREST SERVICE
MADISON, WI
TESTING AND IMPROVEMENT OF A PRICE-ENDOGENOUS
LINEAR PROGRAMMING SYSTEM FOR ECONOMIC MODELING
FOR THE PERIOD 09-29-89 THROUGH 03-31-90
AWARD # FP-89-1267
MSN AG&LSC N RSRCS-FORESTRY (144-BH55) 8,944.00
27. AGRIC, FOREST SERVICE
ST. PAUL, MN
DEVELOPING TECHNIQUES FOR PROMOTING EARLY
FLOWERING IN JACK PINE
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # AGR #23-88-05
MSN AG&LSC N RSRCS-FORESTRY (144-BG74) 20,000.00
28. MICHIGAN STATE UNIVERSITY
EAST LANSING, MI
PRIME CONTRACTOR WITH AID
MOLECULAR APPROACHES TO CONTROL OF BEAN GOLDEN
MOZAIC
FOR THE PERIOD 05-07-89 THROUGH 03-25-92
AT A TOTAL COST OF \$89,692.00
AWARD # AGR DTD 05-15-89, MOD. 1
MSN AG&LSC PLANT PATHOLOGY (144-AZ88) 59,444.00

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29. EGYPTIAN CULTURAL & EDUCATIONAL BUREAU
WASHINGTON, DC
PRIME CONTRACTOR WITH AID
PEACE FELLOWSHIP: THE EFFECTS OF VITAMIN E AND
SELENIUM ON MOLECULAR ASPECTS OF IMMUNITY
FOR THE PERIOD 08-11-89 THROUGH 02-10-91
AWARD # CKS# 002303/002292
MSN VET M PATHOBIOLGCL SCI (144-BH79) 12,760.00
30. EGYPTIAN CULTURAL & EDUCATIONAL BUREAU
WASHINGTON, DC
PRIME CONTRACTOR WITH AID
PEACE FELLOWSHIP
FOR THE PERIOD 07-09-89 THROUGH 01-08-91
AWARD # CKS# 002302/002294
MSN VET M PATHOBIOLGCL SCI (144-BH80) 13,460.00
31. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
KANSAS CITY, MO
EXPANSION OF COOPERATIVE RESEARCH USING ADDITIONAL
MC IDAS INTERACTIVE METEOROLOGICAL WORKSTATION
FOR THE PERIOD 09-29-89 THROUGH 04-30-91
AWARD # 50-WCNW-9-06091
MSN GRAD SPACE SCI&ENG CT (144-BH73) 11,200.00
32. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) GVAR ARCHIVE AND RETRIEVAL DEVELOPMENT AND SERVICE
FOR THE PERIOD 09-29-89 THROUGH 09-30-90
AWARD # 50-DDNE-9-00140
MSN GRAD SPACE SCI&ENG CT (144-BH61) 323,664.00
- 2) A GOES ARCHIVE-RETRIEVAL SYSTEM
FOR THE PERIOD 09-21-84 THROUGH 09-30-90
AT A TOTAL COST OF \$2,282,398.96
AWARD # NA-84-SAC-00019, MOD. 15
MSN GRAD SPACE SCI&ENG CT (144-W029) 97,501.00
33. EDUCATION, DEPT OF
WASHINGTON, DC
OPERATION OF A REGIONAL MULTIFUNCTIONAL
RESOURCE CENTER
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # RFP-89-021, T289005006
MSN EDUC WIS CTR EDUC RES (144-BG82) 663,786.00
34. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
STRUCTURAL CHANGE AND LABOR SUPPLY
FOR THE PERIOD 07-01-89 THROUGH 09-30-89
AWARD # 20-810-150-290
MSN AG&LSC AG ECONOMICS (144-BF71) 5,414.00

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35. MADISON METROPOLITAN SCHOOL DISTRICT
MADISON, WI
PRIME CONTRACTOR WITH DED
ESTABLISHMENT OF A TRAINING AND
DEMONSTRATION PROJECT
FOR THE PERIOD 09-01-84 THROUGH 06-30-90
AT A TOTAL COST OF \$40,000.00
AWARD # AGR DTD 09/11/89, MOD. 5
MSN GRAD WAISMAN CENTER (144-W104) 10,000.00
36. COOPERATIVE EDUCATIONAL SERVICE AGENCY NO. 5
PORTAGE, WI
PRIME CONTRACTOR WITH DED
EARLY CHILDHOOD EXCEPTIONAL EDUCATION NEEDS
FOLLOW-UP STUDY
FOR THE PERIOD 09-01-89 THROUGH 06-30-90
AWARD # AGR DTD 10/17/89
MSN GRAD WAISMAN CENTER (144-BH67) 51,989.00
37. DHHS, HEALTH CARE FINANCING ADMIN
BALTIMORE, MD
THE USE OF MEDICAID REIMBURSEMENT DATA IN THE
NURSING HOME QUALITY ASSURANCE PROCESS
FOR THE PERIOD 08-15-89 THROUGH 08-14-90
AWARD # 18-C-99256/5-02
MSN ENGR ENGR EXPR STA HLTH SYS'S (144-BF15) 150,000.00
38. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS HCFA
MEDICAID EVALUATION PROGRAM
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # AGR DTD 10/04/89
MSN ENGR ENGR EXPR STA HLTH SYS'S (144-BC16) 994,321.00
39. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS OHDS
PREVENTION RESOURCE CENTER
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # FDJ 30636 PO
MSN G E A WIS CLEARINGHOUS (144-BH54) 18,523.00
40. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) CLINICAL INVESTIGATOR AWARD: THE TRAUMATIC
AFTERMATH OF VIOLENCE AGAINST WIVES
FOR THE PERIOD 09-30-89 THROUGH 08-31-90
AWARD # 5 K08 MHO0542-03
MSN HS-PSY PSYCHIATRIC INST (144-BF10) 50,965.00
- 2) DEVELOPMENT OF SEPARABLE AND INTEGRAL PERCEPTION
FOR THE PERIOD 09-15-89 THROUGH 08-31-90
AWARD # 1 R03 MH45564-01
MSN EDUC EDUC PSYCHOLOGY (144-BG61) 35,217.00

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- 3) MATERNITY LEAVE AND HEALTH: PSYCHOSOCIAL FACTORS
FOR THE PERIOD 09-30-89 THROUGH 08-31-90
AWARD # 1 RO1 MH44340-01A1
MSN L&S WOMEN'S STUDIES RESRCH CTR (144-BH40) 241,520.00
41. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS ADAM
RESEARCH AND EVALUATION OF WISCONSIN'S ALCOHOL
AND OTHER DRUG ABUSE PROGRAMS
FOR THE PERIOD 10-02-89 THROUGH 08-31-90
AWARD # PO #FDJ 30885
MSN HS-ADM ADMINISTRATION HLTH POLCY (144-BH46) 200,000.00
42. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN
ROCKVILLE, MD
DIAGNOSTIC AND FOLLOW-UP PROJECT FOR NATIVE
AMERICAN CHILDREN IN WISCONSIN WITH SPECIAL
HEALTH CARE NEEDS
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # MCJ-555024-02-0
MSN HS-MED GENET CLIN PROG (144-BG99) 135,000.00
43. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) DIFFERENTIATION OF CAPILLARY ENDOTHELIAL CELLS
FOR THE PERIOD 05-01-88 THROUGH 09-30-89
AT A TOTAL COST OF \$159,521.00
AWARD # 3 RO1 CA28656-08S1, MOD. 3
MSN L&S ZOOLOGY (144-AF97) 1,870.00
- 2) CENTRAL VEIN OCCLUSION STUDY -
PARTICIPATING CENTER
FOR THE PERIOD 03-01-89 THROUGH 02-28-90
AT A TOTAL COST OF \$145,679.00
AWARD # 5 UO1 EY06752-02, MOD. 2
MSN HS-MED OPHTHALMOLOGY (144-AU56) 65,327.00
- 3) CENTRAL VEIN OCCLUSION STUDY -
READING CENTER
FOR THE PERIOD 03-01-89 THROUGH 02-28-90
AT A TOTAL COST OF \$97,268.00
AWARD # 5 UO1 EY07525-02, MOD. 1
MSN HS-MED OPHTHALMOLOGY (144-AW56) 46,409.00
- 4) WORKSHOP ON CELL TRANSFORMATION AND
RADIOGENIC CANCER
FOR THE PERIOD 03-01-89 THROUGH 02-28-90
AT A TOTAL COST OF \$11,000.00
AWARD # 1 R13 CA49740-01, MOD. 1
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-AX24) 4,000.00

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| 5) GENETIC ANALYSIS OF NEMATODE DEVELOPMENT
FOR THE PERIOD 04-01-89 THROUGH 03-31-90
AT A TOTAL COST OF \$161,478.00
AWARD # 5 R01 GM31816-07, MOD. 1
MSN GRAD MOLECULAR BIOL | (144-AX32) | 2,371.00 |
| 6) DESIGN AND SYNTHESIS OF CYSTEINE PROTEINASE
INHIBITORS
FOR THE PERIOD 04-01-89 THROUGH 03-31-90
AT A TOTAL COST OF \$115,877.00
AWARD # 5 R01 GM40092-02, MOD. 1
MSN HS-PHR PHARMACY | (144-AX56) | 1,689.00 |
| 7) EASTERN COOPERATIVE ONCOLOGY GROUP -
OPERATIONS OFFICE
FOR THE PERIOD 05-01-89 THROUGH 04-30-90
AT A TOTAL COST OF \$2,024,254.00
AWARD # 2 U10 CA21115-14, MOD. 1
MSN HS-MED HUMAN ONCOLOGY EAST COOP | (144-AY43) | 368,755.00 |
| 8) STRUCTURE OF THE BETA-ADRENERGIC RECEPTOR-CYCLASE
SYSTEM
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AT A TOTAL COST OF \$183,289.00
AWARD # 5 R01 GM33138-15, MOD. 1
MSN HS-MED PHARMACOLOGY | (144-AZ29) | 2,688.00 |
| 9) MECHANISM OF DC AND PULSED IONTOPHORESIS
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AT A TOTAL COST OF \$70,475.00
AWARD # 5 R01 GM40410-02, MOD. 1
MSN HS-PHR PHARMACY | (144-BA37) | 1,014.00 |
| 10) ASTHMA AND ALLERGIC DISEASE CENTER GRANT
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 P50 AI10404-19
MSN HS-MED MEDICINE ALLRGY&IMM | (144-BE67) | 345,810.00 |
| 11) AIRWAY BIOLOGY OF RHINOVIRUS 16 INFECTION
AND ASTHMA
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 R01 AI26609-02
MSN HS-MED MEDICINE ALLRGY&IMM | (144-BF20) | 200,595.00 |
| 12) PEPTIDE GROWTH FACTORS IN HUMAN PROSTATE
CARCINOGENESIS
FOR THE PERIOD 09-30-89 THROUGH 08-31-90
AWARD # 1 R29 CA50590-01
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL | (144-BF50) | 78,991.00 |
| 13) ACADEMIC/TEACHER AWARD: TRANSFUSION MEDICINE
FOR THE PERIOD 09-30-89 THROUGH 08-31-90
AWARD # 5 K07 HLO2143-02
MSN HS-MED MEDICINE HEMATOLOGY | (144-BF54) | 116,053.00 |

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| 14) | COLLABORATIVE CORNEAL TRANSPLANTATION STUDIES-
CLINICAL CENTER
FOR THE PERIOD 09-30-89 THROUGH 09-29-90
AWARD # 5 UO1 EYO7012-05
MSN HS-MED OPHTHALMOLOGY | (144-BG01) | 103,807.00 |
| 15) | POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE
AWARD: CELLULAR AND MOLECULAR BIOLOGY
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # 1 F32 GM13284-01
MSN AG&LSC BIOCHEMISTRY | (144-BG72) | 28,000.00 |
| 16) | POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE
AWARD: THE DROSOPHILA SLO LOCUS - MOLECULAR AND
FUNCTIONAL STUDIES
FOR THE PERIOD 11-01-89 THROUGH 10-31-90
AWARD # 1 F32 NS08843-01
MSN AG&LSC GENETICS | (144-BG95) | 29,250.00 |
| 17) | POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE
AWARD: PHYSIOLOGY
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # 2 F32 NS08328-03
MSN HS-MED ANATOMY | (144-BG96) | 28,000.00 |
| 18) | TOXICITY STUDY OF TAMOXIFEN IN POSTMENOPAUSAL
WOMEN
FOR THE PERIOD 09-29-89 THROUGH 07-31-90
AWARD # 1 R01 CA50243-01
MSN HS-MED CANCER CTR PREV ONCOL | (144-BG97) | 169,302.00 |
| 19) | RELATION BETWEEN SPACE AND AGGRESSION IN
RHESUS MACAQUES
FOR THE PERIOD 09-30-89 THROUGH 09-29-90
AWARD # 1 R24 RRO5276-01
MSN GRAD PRIMATE RES CTR | (144-BH05) | 102,901.00 |
| 20) | POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE
AWARD: PHYSIOLOGY
FOR THE PERIOD 11-01-89 THROUGH 10-31-90
AWARD # 1 F32 EYO6254-01
MSN HS-MED OPHTHALMOLOGY | (144-BH35) | 30,500.00 |
| 21) | POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE
AWARD: CELLULAR AND MOLECULAR BIOLOGY
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # 7 F32 GM12187-03
MSN AG&LSC BIOCHEMISTRY | (144-BH49) | 28,000.00 |
| 22) | POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE
AWARD: GENETICS
FOR THE PERIOD 11-01-89 THROUGH 10-31-90
AWARD # 1 F32 GM13288-01
MSN GRAD MOLECULAR BIOL | (144-BH72) | 20,000.00 |

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- 23) STATISTICAL PROBLEMS IN AIDS STUDIES
FOR THE PERIOD 09-30-89 THROUGH 07-31-90
AWARD # 1 RO1 AI29131-01
MSN HS-MED BIOSTAT (144-BH87) 83,828.00
44. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
RESEARCH TRIANGLE PARK, NC
ENVIRONMENTAL POLLUTANTS AND TOXICOLOGY OF
THE LIVER
FOR THE PERIOD 08-01-89 THROUGH 07-31-90
AT A TOTAL COST OF \$168,392.00
AWARD # 5 RO1 ESO1332-15, MOD. 1
MSN HS-PHR PHARMACY (144-BE87) 1,188.00
45. AMERICAN TYPE CULTURE COLLECTION
ROCKVILLE, MD
PRIME CONTRACTOR WITH DHHS PHS NIH
MATERIALS AGREEMENT
AWARD # AGR DTD 09-21-89
MSN HS-MED SURGERY
46. EMORY UNIVERSITY
ATLANTA, GA
PRIME CONTRACTOR WITH DHHS PHS NIH
INVESTIGATION OF SURFACE ACTIVE VACCINE
ADJUVANTS
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # AGR DTD 9/18/89
MSN AG&LSC BACTERIOLOGY (144-BG58) 39,145.00
47. UNIVERSITY OF SOUTHERN CALIFORNIA
LOS ANGELES, CA
PRIME CONTRACTOR WITH DHHS PHS NIH
DEMYELINATING DISEASE: VIRAL AND IMMUNE FUNCTION
FOR THE PERIOD 09-01-89 THROUGH 03-31-90
AWARD # P.O. #221700
MSN HS-MED NEUROLOGY (144-BH28) 15,960.00
48. UNIVERSAL ENERGY SYSTEMS, INC
DAYTON, OH
PRIME CONTRACTOR WITH DOD AF
NATIONAL DEFENSE SCIENCE AND ENGINEERING
FELLOWSHIP PROGRAM
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # S-789-DOD-015 AND 021
MSN GRAD ADMINISTRATION (144-BC52) 36,500.00
49. DOD, ARMY
FREDERICK, MD
ABILITY OF BLOOD WITH ALTERED OXYGEN AFFINITY AND
HEMOGLOBIN SOLUTIONS TO DELIVER OXYGEN
FOR THE PERIOD 11-15-88 THROUGH 12-14-91
AWARD # DAMD17-89-Z-9004, MOD. 4
MSN HS-MED MEDICINE HEMATOLOGY (144-AR98) 157,620.00

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50. AEROMET, INC
TULSA, OK
PRIME CONTRACTOR WITH DOD ARMY
A MIDS-IV FOR KWAJALEIN ISLAND
FOR THE PERIOD 07-01-89 THROUGH 12-31-89
MSN GRAD SPACE SCI&ENG CT (144-BH53) 239,210.00
51. DOD, NAVY
ARLINGTON, VA
IN SUPPORT OF THE FOLLOWING:
- 1) A STUDY OF THE VAS PLUS MSU RETRIEVAL ALGORITHM
IN THE EASTERN PACIFIC AND THE USE OF SATELLITE
DATA IN THE CIMSS FORECAST MODEL
FOR THE PERIOD 09-25-86 THROUGH 03-23-90
AT A TOTAL COST OF \$324,828.00
AWARD # NO0014-86-C-0604, MOD. 3
MSN GRAD SPACE SCI&ENG CT (144-Y683) 109,738.00
- 2) COLLECTION OF STATISTICS ON THE FREQUENCY
OF CLOUD COVER OVER NORTH AMERICA
FOR THE PERIOD 04-01-87 THROUGH 03-30-90
AT A TOTAL COST OF \$533,096.00
AWARD # NO0014-87-K-0436, MOD. 5
MSN GRAD SPACE SCI&ENG CT (144-Z641) 8,096.00
52. DOD, NAVY
SAN DIEGO, CA
BONE RESPONSE TO EXERCISE: ANALYSIS OF PLASMA
MARKERS
FOR THE PERIOD 10-03-88 THROUGH 12-31-89
AT A TOTAL COST OF \$77,483.00
AWARD # N66001-88-C-0276, MOD. 2
MSN EDUC PHYS ED & DANCE BIODYN LAB (144-AQ72) 7,500.00
53. ENERGY, DEPT OF
ARGONNE, IL
IN SUPPORT OF THE FOLLOWING:
- 1) EXPERIMENTAL INVESTIGATION OF ICRF EFFECTS
FOR THE PERIOD 10-16-88 THROUGH 10-15-89
AT A TOTAL COST OF \$1,825,000.00
AWARD # DE-FG02-88ER53264, MOD. 1
MSN ENGR NUC ENGR&E PHYSC (144-AN46) 90,000.00
- 2) THEORETICAL STUDIES OF TURBULENCE AND ANOMALOUS
TRANSPORT IN TOROIDAL CONFINEMENT DEVICES
FOR THE PERIOD 09-15-89 THROUGH 08-31-90
AWARD # DE-FG02-89ER53291
MSN L&S PHYSICS (144-BG66) 100,000.00
- 3) THERMAL STRESS MICROFRACTURING OF CRYSTALLINE AND
SEDIMENTARY ROCK
FOR THE PERIOD 09-16-89 THROUGH 09-15-90
AWARD # DE-FG02-84ER13184
MSN L&S GEOL & GEOPHYSCS (144-BH02) 92,210.00

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- 4) APPLICATION OF OPTICAL FLUCTUATION DIAGNOSTICS
TO TRANSPORT STUDIES IN HIGH TEMPERATURE
TOAKAMAK PLASMAS
FOR THE PERIOD 09-25-89 THROUGH 09-24-90
AWARD # DE-FG02-89ER53296
MSN ENGR NUC ENGR&E PHYSC (144-BH03) 470,000.00
- 5) DEVELOPMENT OF A GRAVEL BED COMBUSTOR
FOR THE PERIOD 01-01-90 THROUGH 12-31-90
AWARD # DE-FG02-85CE40735
MSN ENGR MECHANICAL ENGR (144-BH52) 84,000.00
54. SANDIA NATIONAL LABORATORIES
ALBUQUERQUE, NM
PRIME CONTRACTOR WITH DOE
HIGH TEMPERATURE SUPERCONDUCTORS: MEASUREMENT
OF PROPERTIES AND DEVICE DEVELOPMENT
FOR THE PERIOD 10-03-88 THROUGH 09-30-90
AT A TOTAL COST OF \$112,444.00
AWARD # NO. 05-7570, MOD. 1
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AQ95) 67,734.00
55. SUPERCONDUCTING SUPER COLLIDER
DALLAS, TX
PRIME CONTRACTOR WITH DOE
UNDERSTANDING THE DEGRADATION MECHANISMS OF
FINE FILAMENT SSC CONDUCTORS AND THE TRAINING
OF STUDENTS SKILLED IN THE DESIGN OF
SUCH CONDUCTORS
FOR THE PERIOD 07-01-89 THROUGH 09-30-89
AWARD # P.O. # E90703
MSN ENGR ENGR EXPER STA SUPERCONDT (144-BG40) 48,610.00
56. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) ANALYSIS OF THE EFFECTS OF INCREASED ACIDITY ON
LAKE ECOSYSTEMS BY A WHOLE LAKE MANIPULATION:
SITE GENERAL ACTIVITIES AND ZOOPLANKTON
FOR THE PERIOD 04-01-88 THROUGH 03-31-90
AT A TOTAL COST OF \$253,219.00
AWARD # CR814937-01-0, MOD. 4
MSN L&S LIMNOLOGY CTR (144-AF71) 76,544.00
- 2) KINETICS OF LEAD MOBILIZATION IN PREGNANT
MONKEYS PREVIOUSLY EXPOSED TO LEAD
FOR THE PERIOD 08-26-89 THROUGH 03-02-90
AWARD # 9W-3989-NASA
MSN L&S PSYCHOLOGY PRIMATE LB (144-BG77) 9,950.00
- 3) DERIVATION OF PARAMETERS OF THE MOOLGAVKAR-KNUDSON
INCIDENCE FUNCTION FROM A MULTISTAGE
CARCINOGENESIS MODEL IN RAT LIVER
FOR THE PERIOD 09-01-89 THROUGH 08-31-91
AWARD # CR-816214-01-0
MSN HS-MED ONCOLOGY (144-BH74) 340,000.00

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57. INTERIOR, DEPT OF
BOSTON, MA
THE DEVELOPMENT OF THE GULL POND CHAIN OF LAKES
AND THE HERRING RIVER BASIN, CAPE COD NATIONAL
SEASHORE
FOR THE PERIOD 09-28-89 THROUGH 09-30-90
AWARD # CA 1600-6-0004, MOD. 5
MSN ENV ST CTR FOR CLIM RES CTR FOR CL (144-BH42) 30,000.00
58. INTER, FISH AND WILDLIFE SERVICE
MADISON, WI
ANNUAL STATUS OF CANADA GEESE IN THE
MISSISSIPPI FLYWAY
FOR THE PERIOD 05-10-89 THROUGH 09-30-93
AT A TOTAL COST OF \$173,000.00
AWARD # 14-16-0009-1511 WO 32, MOD. 2
MSN AG&LSC N R-WILDLIF ECOL (144-AZ49) 26,000.00
59. INTER, FISH AND WILDLIFE SERVICE
WASHINGTON, DC
THE EFFECT OF INGESTED PLASTIC ON ALBATROSS
FOR THE PERIOD 09-26-89 THROUGH 09-30-91
AWARD # 14-16-0009-1511 WO 34
MSN AG&LSC N R-WILDLIF ECOL (144-BH39) 7,700.00
60. JUSTICE, DEPT OF
WASHINGTON, DC
GRADUATE FELLOWSHIP: CRIMINALITY, CAREERS AND
DEVIANCE: RECONCILING A THEORETICAL AND
METHODOLOGICAL DEBATE
FOR THE PERIOD 08-01-89 THROUGH 08-30-90
AWARD # 89-IJ-CX-0039
MSN L&S SOCIOLOGY (144-BH30) 11,000.00
61. NATIONAL AERONAUTICS AND SPACE ADMIN
HOUSTON, TX
METEOROLOGICAL INTERACTIVE DISPLAY SYSTEM-II
FOR THE PERIOD 05-15-86 THROUGH 12-01-89
AT A TOTAL COST OF \$3,898,913.00
AWARD # NAS9-17642, MOD. 17
MSN GRAD SPACE SCI&ENG CT (144-X916) 1,255,179.00
62. NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA
SOFT DENSE FIBROUS CONNECTIVE TISSUE RESPONSE
TO HINDLIMB SUSPENSION
FOR THE PERIOD 06-01-89 THROUGH 04-30-90
AWARD # NAG 2-568 MOD #1
MSN EDUC PHYS ED & DANCE BIODYN LAB (144-BG35) 77,200.00
63. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
IN SUPPORT OF THE FOLLOWING:
- 1) RESEARCH RELATIVE TO SUPERFLUID HELIUM DYNAMICS
FOR THE PERIOD 01-15-88 THROUGH 01-31-90
AT A TOTAL COST OF \$130,000.00
AWARD # NAG5-1031, MOD. 1
MSN ENGR NUC ENGR&E PHYS (144-AD10) 30,000.00

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- 2) A SPACE TELESCOPE SCIENTIFIC INVESTIGATION USING
A HIGH SPEED PHOTOMETER
FOR THE PERIOD 03-02-78 THROUGH 11-30-89
AT A TOTAL COST OF \$11,046,195.00
AWARD # NAS5-24487, MOD. 57
MSN GRAD SPACE SCI&ENG CT (144-L324) 213,594.00
64. NASA, HEADQUARTERS
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) NASA GRADUATE STUDENT RESEARCHERS PROGRAM
FOR THE PERIOD 08-01-88 THROUGH 07-31-90
AT A TOTAL COST OF \$36,000.00
AWARD # NGT-50267, MOD. 1
MSN L&S BOTANY (144-AK19) 18,000.00
- 2) NASA GRADUATE STUDENT RESEARCHERS PROGRAM
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # NGT-70093
MSN EDUC PHYS ED & DANCE BIODYN LAB (144-BG36) 18,000.00
- 3) MICROWAVE (SSM/I) ESTIMATES OF THE
PRECIPITATION RATE TO IMPROVE NUMERICAL
ATMOSPHERIC MODEL FORECASTS
FOR THE PERIOD 10-01-89 THROUGH 02-28-90
AWARD # NAGW-1855
MSN GRAD SPACE SCI&ENG CT (144-BH27) 45,000.00
- 4) AN INVESTIGATION OF CURRENT AND FUTURE
SATELLITE AND IN SITU DATA FOR THE REMOTE
SENSING OF THE LAND SURFACE ENERGY BALANCE
FOR THE PERIOD 06-01-89 THROUGH 09-30-89
AWARD # NAGW-1858
MSN GRAD SPACE SCI&ENG CT (144-BH78) 66,000.00
- 5) A CENTER FOR THE COMMERCIAL DEVELOPMENT OF SPACE
FOR THE PERIOD 09-01-86 THROUGH 08-31-90
AT A TOTAL COST OF \$4,628,000.00
AWARD # NAGW-975, MOD. 7
MSN ENGR ENGR EXPER STA SPAC COMM (144-Y632) 1,260,000.00
65. NASA, MARSHALL SPACE FLIGHT CENTER
MARSHALL SPACE FLIGHT CENTER, AL
MANAGEMENT AND DISPLAY OF FOUR-DIMENSIONAL
ENVIRONMENTAL DATA SETS USING MCIDAS
FOR THE PERIOD 02-28-86 THROUGH 11-15-89
AT A TOTAL COST OF \$962,203.00
AWARD # NAS8-36292, MOD. 8
MSN GRAD SPACE SCI&ENG CT (144-X669) 255,203.00
66. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
18TH-CENTURY BRITISH SOURCES OF
EARLY AMERICAN RHETORIC
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # FS-22081-90
MSN L&S COMMUN ARTS (144-BH81) 64,362.00

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67. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) NONLINEARITY IN ECONOMICS AND FINANCE
FOR THE PERIOD 06-01-88 THROUGH 11-30-90
AT A TOTAL COST OF \$90,015.00
AWARD # SES-8720671, MOD. 1
MSN L&S ECONOMICS (144-AH01) 41,940.00
 - 2) COLLABORATIVE RESEARCH:
KRISP 88-89: KENYA RIFT INTERNATIONAL SEISMIC
PROJECT - AN INTERNATIONAL COOPERATIVE EXPERIMENT:
SEISMIC ARRAY STUDY
FOR THE PERIOD 07-15-88 THROUGH 12-31-90
AT A TOTAL COST OF \$77,020.00
AWARD # EAR-8708383, MOD. 1
MSN L&S GEOL & GEOPHYSICS GEO&POL R (144-AH83) 40,020.00
 - 3) SCALE INTERACTION OF DEEP CUMULUS WITH
CONVECTIVELY DRIVEN WEATHER SYSTEMS
FOR THE PERIOD 10-15-88 THROUGH 03-31-91
AT A TOTAL COST OF \$132,450.00
AWARD # ATM-8805460, MOD. 1
MSN L&S METEOROLOGY (144-AN44) 67,200.00
 - 4) ENGINEERING RESEARCH CENTER FOR
PLASMA-AIDED MANUFACTURING
FOR THE PERIOD 10-01-88 THROUGH 09-30-90
AT A TOTAL COST OF \$3,600,000.00
AWARD # CDR-8721545, MOD. 1
MSN ENGR ENGR EXPR STA PLASMA ERC (144-AQ47) 2,100,000.00
 - 5) BIOCHEMICAL AND MOLECULAR ANALYSIS OF MUTATIONS
CAUSED BY TRANSPOSABLE ELEMENT INSERTIONS IN THE
BZ LOCUS OF MAIZE
FOR THE PERIOD 10-15-88 THROUGH 09-30-90
AT A TOTAL COST OF \$223,042.00
AWARD # DMB-8811036, MOD. 1
MSN AG&LSC GENETICS (144-AR73) 132,934.00
 - 6) OBSERVATION OF VERY HIGH GAMMA RAY SOURCES FROM
THE SOUTH POLE
FOR THE PERIOD 06-15-89 THROUGH 05-30-90
AT A TOTAL COST OF \$91,344.00
AWARD # DPP-8818918, MOD. 1
MSN L&S PHYSICS (144-AX58) 3,894.00
 - 7) RESEARCH INITIATION AWARD: LOGIC-BASED
DATABASE QUERY LANGUAGES
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # IRI-8909795
MSN L&S COMPUTER SCI (144-BA06) 23,345.00
 - 8) THE COMPOSITION AND REGULATION OF THE MACHINERY
OF GLIDING MOTILITY IN THE BACTERIUM
CYTOPHAGA JOHNSONAE
FOR THE PERIOD 11-01-89 THROUGH 10-31-90
AWARD # DCB-8911288
MSN AG&LSC BACTERIOLOGY (144-BF52) 66,000.00

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- 9) HIGH-PERFORMANCE LINEAR INDUCTION MOTOR-BASED
MATERIAL MOVER
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # DDM-8912361
MSN ENGR ENGR EXPER STA MFG SY ENG (144-BG59) 124,650.00
- 10) SUBSPACE APPROXIMATION-BASED ALGORITHMS AND VLSI
ARCHITECTURE FOR REAL-TIME HIGH RESOLUTION
SPECTRUM ESTIMATION
(SUPPLEMENTAL SUPPORT)
FOR THE PERIOD 09-01-87 THROUGH 08-31-90
AWARD # MIP-8896111, MOD. 3
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-BH20) 8,335.00
- 11) US-UK COOPERATIVE RESEARCH: GRAPHICS AND
REGULARIZATION FOR SPATIAL STATISTICS
FOR THE PERIOD 09-15-89 THROUGH 08-31-90
AWARD # INT-8913472
MSN L&S STATISTICS (144-BH21) 4,479.00
- 12) PRESIDENTIAL YOUNG INVESTIGATOR AWARD:
STELLAR DYNAMICS AND STAR FORMATION
FOR THE PERIOD 01-01-90 THROUGH 12-31-90
AWARD # AST-8957526
MSN L&S ASTRONOMY (144-BH66) 25,000.00
- 13) PRESIDENTIAL YOUNG INVESTIGATOR AWARD:
COMPUTER RESEARCH
FOR THE PERIOD 06-01-85 THROUGH 12-31-90
AT A TOTAL COST OF \$290,031.00
AWARD # DCR-8451405, MOD. 6
MSN L&S COMPUTER SCI (144-W608) 77,531.00
- 14) NEW METHODS FOR THE ENGINEERING DESIGN AND
ANALYSIS OF THE DYNAMICS OF ASYNCHRONOUS AUTOMATIC
ASSEMBLY SYSTEM
FOR THE PERIOD 03-15-87 THROUGH 08-31-90
AT A TOTAL COST OF \$235,442.00
AWARD # DMC-8608409, MOD. 3
MSN ENGR INDUSTRIAL ENGR (144-Z147) 87,742.00
- 15) PRESIDENTIAL YOUNG INVESTIGATOR AWARD
FOR THE PERIOD 07-01-87 THROUGH 12-31-90
AT A TOTAL COST OF \$123,200.00
AWARD # DMR-8657109, MOD. 3
MSN L&S PHYSICS (144-Z611) 8,000.00
- 16) MATHEMATICAL SCIENCES: SET THEORETIC TOPOLOGY
FOR THE PERIOD 06-15-87 THROUGH 11-30-90
AT A TOTAL COST OF \$90,863.00
AWARD # DMS-8620084, MOD. 3
MSN L&S MATHEMATICS (144-Z688) 2,463.00
68. RUTGERS, THE STATE UNIVERSITY OF
NEW JERSEY
PISCATAWAY, NJ
PRIME CONTRACTOR WITH NSF
REFORM UP CLOSE: A CLASSROOM ANALYSIS
FOR THE PERIOD 07-01-89 THROUGH 12-31-91
AWARD # AGR DTD 10/03/89
MSN EDUC WIS CTR EDUC RES (144-AY75) 368,298.00

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69.	UNIVERSITY OF WASHINGTON SEATTLE, WA PRIME CONTRACTOR WITH NSF ROSS SEA DATA BUOY PROJECT, 1988 BUOYS FOR THE PERIOD 02-01-89 THROUGH 01-31-90 AWARD # PO 721556 MSN L&S METEOROLOGY	(144-AY01)	70,000.00
70.	VETERANS ADMIN MADISON, WI IN SUPPORT OF THE FOLLOWING:		
	1) MEDICARE PROSPECTIVE PAYMENT SYSTEM: EFFECT ON VA INPATIENT SERVICE FOR THE PERIOD 10-01-89 THROUGH 12-31-89 AWARD # PO 607D05119 MSN HS-ADM ADMINISTRATION HLTH POLCY	(144-BH75)	9,476.00
	2) SALARY SUPPORT OF RA TO PREPARE RADIOLABELLED FLUOROMETHANE FOR THE PERIOD 01-24-83 THROUGH 09-30-89 AWARD # 607/D4C398 MSN HS-MED MEDICAL PHYSICS	(144-S852)	5,621.34
71.	VARIOUS GOVERNMENTAL AGENCIES WASHINGTON, DC UW/JAPAN ENGINEERING LEADERSHIP PROGRAM: NATIONAL RECRUITING/NON-RESIDENT SCHOLARSHIPS FOR THE PERIOD 10-11-89 THROUGH 09-30-90 AWARD # 89-134 MSN ENGR ENGR EXPER STA INTL ENGRG	(144-BH65)	28,750.00
72.	ROGERS FOODS TURLOCK, CA DISEASE RESISTANCE BREEDING IN ONIONS MSN AG&LSC HORTICULTURE	(133-A103)	1,000.00
73.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	330.00
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GYNECOLOGY AND OBSTETRICS RESEARCH AND DEVELOPMENT FUND MSN HS-MED OBSTET & GYNECOL	(133-A522)	51,548.98
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ANESTHESIOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED ANESTHESIOLOGY	(133-A532)	3,041.00
76.	CARGILL HYBRID SEEDS MINNEAPOLIS, MN PEA AND SOYBEAN RESEARCH MSN AG&LSC AGRONOMY	(133-A593)	770.00

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77.	SUPPORT HEMATOLOGY SECTION IN THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE	HEMATOLOGY (133-A802)	
	1,000.00	BRISTOL LABORATORIES CEDAR RAPIDS, IA	
	200.00	MULTIPLE DONORS	
	250.00	MULTIPLE DONORS	
	250.00	MULTIPLE DONORS	
	400.00	MULTIPLE DONORS	
	750.00	PALL BIOMEDICAL PRODUCTS CORPORATION EAST HILLS, NY	
	300.00	MULTIPLE DONORS	
			3,150.00
78.	QUAKER OATS COMPANY BARRINGTON, IL OAT BREEDING IN LESSER DEVELOPED COUNTRIES MSN AG&LSC AGRONOMY	(133-B387)	22,000.00
79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEMONSTRATION PROJECT RELATED TO MEDICAL STAFF PARTICIPATION IN HOSPITAL COST SETTING AND COST CONTAINMENT ACTIVITIES MSN HS-MED PREVENTIVE MED	(133-B478)	1,000.00
80.	MULTIPLE DONORS DEPARTMENT OF DAIRY SCIENCE DISCRETIONARY FUND MSN AG&LSC DAIRY SCIENCE	(133-B521)	350.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF GENERAL SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	GEN SURG (133-B573)	53,671.00
82.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF ORTHOPEDIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	ORTHO SURG (133-B574)	46,828.00
83.	ERNEST PRONDZINSKI MEMORIAL FUND STEVENS POINT, WI POTATO & OTHER VEGETABLE RESEARCH MSN AG&LSC HANCOCK RES STA	(133-C235)	1,600.00
84.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NAVE VISITING SCHOLAR MSN L&S	SPANISH & PORT IBERO-AMER (133-C505)	2,982.00
85.	MULTIPLE DONORS NONMETROPOLITAN POPULATION TRENDS MSN AG&LSC RURAL SOCIOLOGY	(133-C551)	740.00

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86.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KICKAPOO VALLEY FORESTRY FUND MSN AG&LSC NAT RSRCS- ADMIN	(133-D271)	45,000.00
87.	SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	
	700.00 RORER FORT WASHINGTON, PA		
	1,000.00 ANAQUEST MADISON, WI		
	1,500.00 RORER FORT WASHINGTON, PA		
	700.00 RORER CENTRAL RESEARCH FORT WASHINGTON, PA		
	5,000.00 SQUIBB (E.R. & SONS), INC. PRINCETON, NJ		
			8,900.00
88.	BIO-RAD LABORATORIES ANAHEIM, CA DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-D646)	1,000.00
89.	MADISON GENERAL HOSPITAL MADISON, WI DEFRAY SALARY COST OF ASSISTANT SCIENTIST MSN HS-MED PEDIATRICS	(133-D678)	2,160.45
90.	ABLEX PUBLISHING CORPORATION NORWOOD, NJ EDITORIAL SUPPORT FOR "LIBRARY RESEARCH": AN INTERNATIONAL JOURNAL MSN L&S LIB&INF ST	(133-E910)	1,500.00
91.	MULTIPLE DONORS PEDIATRICS HEMATOLOGY/ONCOLOGY PATIENT CARE MSN HS-MED PEDIATRICS	(133-E936)	275.00
92.	MULTIPLE DONORS PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-E939)	385.00
93.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI EXPOSURE THERAPIST SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-F119)	1,958.15
94.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH ASSISTANCE MSN L&S ECONOMICS	(133-F325)	300.00

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95.	QUAKER OATS COMPANY BARRINGTON, IL SMALL GRAIN BREEDING AND RESEARCH MSN AG&LSC AGRONOMY	(133-F535)	2,350.00
96.	MARQUETTE ELECTRONICS, INC. MILWAUKEE, WI CLINICAL EXERCISE PHYSIOLOGY ACTIVITIES MSN HS-MED MEDICINE	CARDIOLOGY (133-F572)	2,500.00
97.	MULTIPLE DONORS CHEMICAL AND TOXICOLOGICAL STUDIES OF NOVEL INSECT GROWTH REGULATORS MSN AG&LSC ENTOMOLOGY	(133-F625)	60.00
98.	PROCTER & GAMBLE COMPANY CINCINNATI, OH DROSOPHILA MUTAGENESIS ASSAYS MSN L&S ZOOLOGY	(133-F628)	6,500.00
99.	NELSON INDUSTRIES, INC. STOUGHTON, WI ELECTROACOUSTICS RESEARCH MSN ENGR ELEC & COM ENGR	ELEC&COMP (133-F648)	21,000.00
100.	EASTERN ARTIFICIAL INSEMINATION COOPERATIVE ITHACA, NY MECHANISMS OF VIRAL PATHOGENESIS MSN VET M PATHOBIOLOG SCI	(133-F663)	3,050.00
101.	APPLIED WATER POLLUTION RESEARCH CONSORTIUM MSN ENGR CIVIL & ENV ENGR	(133-F935)	
	7,000.00	MILWAUKEE METROPOLITAN SEWERAGE DISTRICT MILWAUKEE, WI	
	500.00	WATER POLLUTION CONTROL ASSOCIATION MADISON, WI	
	100.00	MULTIPLE DONORS	
			7,600.00
102.	MULTIPLE DONORS PEDIATRIC NEPHROLOGY RESEARCH MSN HS-MED PEDIATRICS	(133-G545)	50.00
103.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	1,685.53
104.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL DEPARTMENTAL OFFICE AND RESEARCH EXPENSES MSN HS-MED ANESTHESIOLOGY	(133-G721)	241.50

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105.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INSTITUTE FOR RESEARCH ON POVERTY FUND MSN L&S INST-RES ON POV	(133-G876)	2,500.00
106.	MULTIPLE DONORS ROLE OF REACTIVE OXYGEN METABOLITES IN CELL DIVISION MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-G909)	200.00
107.	RORER FORT WASHINGTON, PA PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-G990)	600.00
108.	BASF CORPORATION PARSIPPANY, NJ WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-H072)	2,000.00
109.	MULTIPLE DONORS PEDIATRIC CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-H233)	200.00
110.	COMPUTER TECHNOLOGY IMAGING KNOXVILLE, TN U W CYCLOTRON OPERATIONAL FUND MSN HS-MED MEDICAL PHYSICS	(133-H461)	2,500.00
111.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMOCO FOUNDATION FELLOWSHIP MSN AG&LSC BIOCHEMISTRY	(133-H475)	12,250.00
112.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI RADIOLOGY SERVICES MSN HS-MED RADIOLOGY	(133-H856)	5,791.83
113.	MULTIPLE DONORS ARTERIAL EFFECTS OF TRANS FATS MSN AG&LSC MEAT& ANIMAL SCI	(133-H928)	251.07
114.	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)	2,700.00
115.	NA-CHURS PLANT FOOD CO. MARION, OH COMPARISON OF NA-CHURS FERTILIZER PROGRAM WITH CONVENTIONAL FERTILIZER PROGRAMS FOR CORN MSN AG&LSC SOIL SCIENCE	(133-J155)	2,452.00

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116.	MICHIGAN STATE UNIVERSITY EAST LANSING, MI WEED RESEARCH MSN AG&LSC HORTICULTURE	(133-J401)	2,880.00
117.	RICHLAND CENTER FOUNDRY COMPANY RICHLAND CENTER, WI COMPUTER-AIDED MANUFACTURING RESEARCH MSN ENGR INDUSTRIAL ENGR	(133-J554)	3,500.00
118.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN PLASMA PROCESSING & TECHNOLOGY CONSORTIUM MSN ENGR ENGR EXPER STA PLASMA ERC	(133-J808)	75,000.00
119.	LILLY (ELI) AND COMPANY INDIANAPOLIS, IN FLUOXETINE DOSE ESCALATION IN MDD MSN HS-PSY PSYCHIATRIC INST	(133-J878)	24,000.00
120.	MEDICAL PHYSICS PUBLISHING CORPORATION MADISON, WI MEDICAL PHYSICS PUBLISHING FUND MSN HS-MED MEDICAL PHYSICS	(133-J931)	2,000.00
121.	ASSAY WORK IN CLINICAL LABORATORIES MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-J971)	
	2,400.00 ABBOTT LABORATORIES ABBOTT PARK, IL		
	1,400.00 SYVA PALO ALTO, CA		
			3,800.00
122.	DOWNTOWN REVITALIZATION PROJECT MSN AG&LSC NR-LANDSCAP ARCH	(133-K002)	
	120.00 MULTIPLE DONORS		
	1,500.00 COUNTY OF MILWAUKEE MILWAUKEE, WI		
			1,620.00
123.	MULTIPLE DONORS SPORT PSYCHOLOGY PROJECT MSN EDUC PHYS ED & DANCE PHYS EDUC	(133-K008)	287.53
124.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RAYMOND T. JACKSON MEMORIAL SCHOLARSHIP MSN LAW LAW SCHOOL	(133-K311)	68,000.00
125.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUMMER HONORS UNDERGRADUATE RESEARCH GRANTS MSN L&S ADM-STU ACAD AFF HONORS PRG	(133-K354)	10,000.00

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126.	MIDWEST FOOD PROCESSORS ASSOCIATION, INC. MADISON, WI SNAP BEAN RESEARCH MSN AG&LSC HORTICULTURE	(133-K490)	6,240.00
127.	PILLSBURY COMPANY MINNEAPOLIS, MN STABILIZATION OF PROTEINS IN FROZEN SALT WATER FISH MSN AG&LSC FOOD SCIENCE	(133-K522)	40,000.00
128.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MAIER FACULTY DEVELOPMENT AWARD 1989-90 MSN L&S JOURN & MASS COM	(133-K638)	5,000.00
129.	COMITE CONJUNTO HISPANO-NORTEAMERICANO PASA LA COOPERACION CULTURAL Y EDUCATIVA MADRID, SPAIN TACTILE VISION SUBSTITUTION FOR CONGENITALLY BLIND FOR THE PERIOD 06-01-86 THRU 12-31-89 AT A TOTAL LEVEL OF \$72,519.00 MSN HS-MED REHABIL MEDICINE	(133-K699)	3,708.00
130.	BURROUGHS WELLCOME CO. RESEARCH TRIANGLE PARK, NC AN OPEN STUDY OF THE SAFETY AND EFFICACY OF FIVE DOSES OF BW-TPA IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION MSN HS-MED MEDICINE	CARDIOLOGY (133-K780)	28,310.00
131.	TRI-STATE BREEDERS COOPERATIVE BARABOO, WI PROBING FOR GENETIC MARKERS IN BULL SEMEN MSN AG&LSC DAIRY SCIENCE	(133-K829)	1,000.00
132.	HOFFMANN-LAROCHE, INC. NUTLEY, NJ INTERRUPTION OF NATURALLY TRANSMITTED RHINOVIRUS COLDS BY USE OF ROCHE VITAMIN C "CLIN" MSN HS-MED PREVENTIVE MED	(133-L044)	20,000.00
133.	SYNTEX LABORATORIES, INC. PALO ALTO, CA COMPARISON OF EFFICACY AND SIDE EFFECTS OF NICARDIPINE HYDROCHLORIDE AND NIFEDIPINE IN THE TREATMENT OF STABLE ANGINE PECTORIS "CLIN" AWARD # 05-6283 MSN HS-MED MEDICINE	CARDIOLOGY (133-L235)	10,988.00
134.	GERMICOPA FRANCE POTATO BREEDING RESEARCH MSN AG&LSC HORTICULTURE	(133-L279)	4,800.00

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135.	VLASIC FOODS, INC. W. BLOOMFIELD, MI PILLOWY DISORDER - CUCUMBER RESEARCH MSN AG&LSC HORTICULTURE	(133-L280)	3,600.00
136.	PROSPECT HILL FOUNDATION, INC. NEW YORK, NY WISCONSIN PROJECT ON NUCLEAR ARMS CONTROL MSN LAW LAW SCHOOL	(133-L291)	25,000.00
137.	ABBOTT LABORATORIES ABBOTT PARK, IL CLINICAL STUDY OF LEUPROLIDE MSN HS-MED OBSTET & GYNECOL	(133-L340)	3,268.00
138.	UNITED STATES BORAX & CHEMICAL CORPORATION LOS ANGELES, CA THE INFLUENCE OF SOIL ORGANIC MATTER ON THE AVAILABILITY OF BORON TO CORN MSN AG&LSC SOIL SCIENCE	(133-L348)	1,000.00
139.	TEKRA CORPORATION NEW BERLIN, WI KNOWLEDGE-BASED SCHEDULING SYSTEMS MSN ENGR INDUSTRIAL ENGR	(133-L417)	2,000.00
140.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER FOUNDATION SUPPORT FOR RESEARCH IN MICROELECTRONICS MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-L436)	20,000.00
141.	WISC DEPT OF NATURAL RESOURCES MADISON, WI ACID DEPOSITION SAMPLING - TROUT LAKE AWARD # NRG91537/NRH95759NRJ94843 MSN L&S LIMNOLOGY CTR	(133-L462)	4,400.00
142.	MULTIPLE DONORS CLINICAL PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-L496)	80.00
143.	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)	8,000.00
144.	SANDOZ RESEARCH INSTITUTE EAST HANOVER, NJ THEOPHYLLINE-SPARING ROLE OF ZADITEN IN THE PROPHYLAXIS OF PREDOMINANTLY MODERATE EXTRINSIC ASTHMA MSN HS-MED MEDICINE	ALLRGY&IMM (133-L652)	14,058.00

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| 145. | AMERICAN CANCER SOCIETY, INC.
NEW YORK, NY
RETROVIRAL POL GENE EXPRESSION AND DNA INTEGRATION
FOR THE PERIOD 07-01-87 THRU 06-30-89
(ALTERNATE FUNDING RECEIVED FROM NIH)
AWARD # MV-347
MSN HS-MED ONCOLOGY | (133-L780) | 100,000.00- |
| 146. | INDIANA UNIVERSITY
BLOOMINGTON, IN
MUCIA-MALYSIA PROJECT FOR THE PERIOD 08-01-87
THRU 07-31-90
MSN L&S MATHEMATICS | (133-L793) | 68,370.00 |
| 147. | CUCUMBER BREEDING
MSN AG&LSC HORTICULTURE | (133-L808) | |
| | 2,500.00 SUNSEEDS GENETICS INC
HOLLISTER, CA | | |
| | 2,500.00 NUNHEMS ZADEN B.V.
HOLLAND | | |
| | 2,500.00 ASGROW SEED COMPANY
KALAMAZOO, MI | | |
| | 700.00 SUNSEEDS GENETICS, INC.
HOLLISTER, CA | | |
| | 3,200.00 NICKERSON - ZWAAN
HOLLAND | | |
| | | | 11,400.00 |
| 148. | PEW SCHOLARS PROGRAM IN THE BIOMEDICAL SCIENCES
NEW HAVEN, CT
PEW SCHOLARS PROGRAM AWARD FOR THE PERIOD
07-01-87 THRU 06-30-91
MSN GRAD MEDICAL SCHOOL NEUROPHYS | (133-L880) | 50,000.00 |
| 149. | WISCONSIN INNOVARIUM, LTD
MILWAUKEE, WI
WISCONSIN INNOVARIUM, LTD. SUPPORT OF RESEARCH
AND GRADUATE ASSISTANTS IN THE FIELD OF MEDICAL
PHYSICS
MSN HS-MED MEDICAL PHYSICS | (133-L895) | 8,000.00 |
| 150. | BASIC AMERICAN FOODS
HANFORD, CA
PLANT BREEDING
MSN AG&LSC HORTICULTURE | (133-L903) | 15,360.00 |
| 151. | DOW CORNING CORPORATION
MIDLAND, MI
DIFILENES RESEARCH
MSN L&S CHEMISTRY | (133-L984) | 8,000.00 |
| 152. | MENNEN COMPANY
MORRISTOWN, NJ
AXILLARY MALODOR: CHEMICAL BASIS AND MOLECULAR
BIOLOGY OF ADHERENCE OF AXILLARY BACTERIA TO
EPITHELIAL CELL SURFACES FOR THE PERIOD 09-01-87
THRU 11-20-89
MSN HS-MED MED MICROBIOLOGY | (133-M122) | 9,720.00 |

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153.	BAXTER HEALTHCARE CORPORATION ROUND LAKE, IL THE EFFECT OF RIFAMPIN PROPHYLAXIS ON STAPHYLOCOCCUS AUREUS NASAL CARRIAGE, EXIT-SITE INFECTION, AND PERITONITIS IN A PERITONEAL DIALYSIS POPULATION MSN HS-MED MEDICINE NEPHROLOGY (133-M172)	5,325.00
154.	HURON MOUNTAIN WILDLIFE FOUNDATION CHICAGO, IL HURON MOUNTAINS RESEARCH MSN L&S GEOL & GEOPHYSCS (133-M199)	1,000.00
155.	CLINICAL RESEARCH INTERNATIONAL, INC. RESEARCH TRIANGLE PARK, NC LOVASTATIN DOSE-RANGING MULTICENTER STUDY IN PATIENTS WITH TYPE II HYPERCHOLESTEROLEMIA, TOTAL CHOLESTEROL 240-300 MG/DL WITH OR WITHOUT OTHER RISK FACTORS AND WITH OR WITHOUT EVIDENCE OF CORONARY ARTERY DISEASE AWARD # CRI 022 MSN HS-MED MEDICINE CARDIOLOGY (133-M245)	2,700.00
156.	CLINICAL RESEARCH INTERNATIONAL, INC. RESEARCH TRIANGLE PARK, NC LOVASTATIN DOSE RANGING MULTICENTER TRIAL AWARD # CRI 022 MSN HS-MED MEDICINE CARDIOLOGY (133-M246)	2,700.00
157.	WISCONSIN MILK MARKETING BOARD, INC. MADISON, WI WORLDWIDE INFORMATION AND TECHNOLOGY EXCHANGE PROGRAM FOR THE PERIOD 07-01-87 THRU 06-30-90 AWARD # 2751/075 MSN AG&LSC DAIRY RESEARCH,C DAIRY RESH (133-M259)	198,890.00
158.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PEDIATRIC CARDIOLOGY MSN HS-MED PEDIATRICS (133-M276)	7,750.00
159.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH START-UP FUND MSN HS-MED ANESTHESIOLOGY (133-M402)	25,500.00
160.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN HUMATROPE AND LOW DOSE ESTROGEN IN TURNER'S SYNDROME "CLIN" AWARD # 13783D MSN HS-MED PEDIATRICS (133-M479)	1,348.80
161.	MERRELL DOW RESEARCH INSTITUTE CINCINNATI, OH LONG TERM ENOXIMORE TREATMENT OF PATIENTS WITH MILD TO MODERATELY SEVERE HEART FAILURE FOLLOWING THEIR PARTICIPATION IN CONTROLLED SHORT TERM STUDIES "CLIN" MSN HS-MED MEDICINE CARDIOLOGY (133-M556)	18,235.00

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162.	UNIVERSITY HOSPITAL INTERNISTS MADISON, WI PULMONARY IMMUNOLOGY RESEARCH MSN HS-MED MEDICINE	CARDIOLOGY (133-M607)	8,170.42
163.	UPJOHN COMPANY KALAMAZOO, MI UPJOHN FELLOWSHIP AWARD MSN HS-PHR PHARMACY	(133-M708)	18,000.00
164.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ASTRONAUTICS RELATED ACTIVITIES IN ENGINEERING MECHANICS DEPARTMENT MSN ENGR ENGR MECHANICS	(133-M716)	4,000.00
165.	SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC	(133-M792)	
	1,000.00 COLLEGE VAN BESTUUR AMSTERDAM, NETHERLANDS		
	16,000.00 WISCONSIN AGRICULTURE & LIFE SCIENCE ALUMNI ASSOCIATION MADISON, WI		
	500.00 RENAISSANCE FARM SPRING GREEN, WI		
			17,500.00
166.	SANDOZ RESEARCH INSTITUTE EAST HANOVER, NJ A MULTICENTER STUDY OF FIORINAL WITH CODEINE #3 (1/2 GR), FIORINAL, CODEINE PHOSPHATE (30 MG), AND PLACEBO IN TENSION HEADACHE "CLIN" AWARD # 15-01 MSN HS-MED NEUROLOGY	(133-M852)	800.00
167.	MULTIPLE DONORS RESEARCH ON BRAZIL MSN AG&LSC RURAL SOCIOLOGY	(133-M882)	500.00
168.	SHURE BROTHERS INCORPORATED EVANSTON, IL INVESTIGATE THE APPLICATION OF DIGITAL SIGNAL PROCESSING TECHNIQUES TO ACOUSTIC PROBLEMS IN TELECONFERENCING MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-M985)	68,304.00
169.	ARTHRITIS FOUNDATION WISCONSIN CHAPTER WEST ALLIS, WI STUDIES OF MAST CELL PARTICIPATION IN ACUTE AND CHRONIC INFLAMMATORY ARTHRITIS IN RATS FOR THE PERIOD 01-01-88 THRU 09-30-90 MSN HS-MED MEDICINE RHEUMATOL	(133-N010)	5,000.00

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170.	GLAXO, INC. RESEARCH TRIANGLE PARK, NC INTERFERON-INDUCED METABOLISM OF TRYPTOPHAN AND NEOPTERIN IN MACROPHAGES/MONOCYTES: IMPLICATIONS IN CANCER, AUTOIMMUNE DISEASES AND AIDS MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-N049)	120,516.00
171.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STUDENT SALARIES FOR SUMMER RESEARCH GRANT PROGRAM MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S (133-N100)	2,924.00
172.	AMERICAN ACADEMY OF MEDICAL DIRECTORS TAMPA, FL NONRESIDENTIAL ADMINISTRATIVE MEDICINE PROGRAM MSN HS-MED PREVENTIVE MED (133-N129)	140,000.00
173.	MERRELL DOW RESEARCH INSTITUTE CINCINNATI, OH LONG TERM MDL 17043 TREATMENT OF CONGESTIVE HEART FAILURE PATIENTS FOLLOWING THEIR PARTICIPATION IN CONTROL STUDIES MSN HS-MED MEDICINE CARDIOLOGY (133-N157)	11,078.00
174.	INTERNATIONAL LIFE SCIENCES INSTITUTE NUTRITION FOUNDATION WASHINGTON, DC VIRULENCE OF LISTERIA MONOCYTOGENES IN A PREGNANT ANIMAL MODEL FOR THE PERIOD 07-01-88 THRU 06-30-90 MSN AG&LSC FOOD MICRO&TOXIC (133-N216)	60,000.00
175.	INTERNATIONAL LIFE SCIENCES INSTITUTE NUTRITION FOUNDATION WASHINGTON, DC LYSOZYME TO CONTROL GROWTH AND SURVIVAL OF LISTERIA MONOCYTOGENES FOR THE PERIOD 07-01-88 THRU 06-30-90 MSN AG&LSC FOOD MICRO&TOXIC (133-N237)	23,357.00
176.	MIDWEST FOOD PROCESSORS ASSOCIATION MADISON, WI INCORPORATION OF NITROGEN INTO POLYMER GEL FOR SUBSEQUENT USE AS A FERTILIZATION TECHNIQUE MSN AG&LSC HORTICULTURE (133-N245)	9,120.00
177.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI "MCARDLE LAB/BRISTOL-MYERS CANCER SYMPOSIUM- THE CELLULAR AND MOLECULAR BIOLOGY OF HUMAN CARCINOGENESIS" MSN HS-MED ONCOLOGY (133-N303)	48,258.13
178.	BOEHRINGER INGELHEIM LTD. RIDGEFIELD, CT A RANDOMIZED, DOUBLE-BLIND, PLACEBO CONTROLLED STUDY OF THE CHRONIC EFFICACY AND SAFETY OF PIMOBENDAN WITH CLASS 111-1V CONGESTIVE HEART FAILURE "CLIN" MSN HS-MED MEDICINE CARDIOLOGY (133-N315)	12,957.00

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179.	WISCONSIN CHILDREN'S CENTER/MADISON CHILDREN'S MUSEUM INC. MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION PROJECT ASSISTANTS MSN BUS SCH OF BUSINESS (133-N331)	3,625.00
180.	MORRIS ANIMAL FOUNDATION ENGLEWOOD, CO EVALUATION OF DEHYDROEPIANDROSTERONE THERAPY FOR THE TREATMENT OF OBESITY IN THE DOG FOR THE PERIOD OF 10-01-88 THROUGH 09-30-90 MSN VET M MEDICAL SCIENCES (133-N387)	8,600.00
181.	WISC DEPT OF NATURAL RESOURCES MADISON, WI BIOGEOCHEMICAL FATE OF MERCURY IN THE AQUATIC ECOSYSTEM FOR THE PERIOD 09-27-88 THRU 06-30-90 AWARD # NRJ 94789 MSN ENGR ENGR EXPER STA WSEL (133-N413)	30,500.00
182.	SOLLAC PARIS, FRANCE TECHNOLOGICAL CHANGE AND STRATEGIC DECISION MAKING: THE CASE OF THE US STEEL INSTUSTRY MSN ENGR INDUSTRIAL ENGR (133-N440)	9,299.11
183.	AMERICAN RED CROSS MADISON, WI GENETICS OF INSULIN-DEPENDENT DIABETES MSN HS-MED MEDICINE ENDOCRINOL (133-N600)	6,000.00
184.	NATIONAL LIVE STOCK AND MEAT BOARD CHICAGO, IL DEVELOPMENT OF AN IMPROVED ELECTRICAL- STIMULATION (ES) SYSTEM TO TENDERIZE BEEF FOR THE PERIOD 10-01-88 THRU 09-30-90 AT A LEVEL OF \$49,000 MSN AG&LSC MEAT& ANIMAL SCI (133-N610)	27,000.00
185.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SKI-HI FRUIT FARM HORTICULTURE FUND/FRUIT CROP RESEARCH MSN AG&LSC HORTICULTURE (133-N622)	242.68
186.	POWER & ENERGY INTERNATIONAL, INC. BELOIT, WI STUDY IN TRIBOLOGY AND VIBRATION MSN ENGR MECHANICAL ENGR (133-N656)	4,788.00
187.	SPORT FISHING INSTITUTE WASHINGTON, DC ELECTRIC POWER RESEARCH INSTITUTE FELLOWSHIP IN POPULATION AND BIOLOGY MSN VET M PATHOBIOLOGCL SCI (133-N710)	12,500.00

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188.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HISTORY OF CARTOGRAPHY MSN L&S GEDGRAPHY	(133-N780)	20,000.00
189.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL CLINICAL RESEARCH CENTER MSN HS-MED SPEC PROJCT UW-GCRC	(133-N782)	500.00
190.	INSTITUT HENRI BEAUFOR LE PLESSIS ROBINSON, FRANCE THE EFFECT OF BN 52021 ON PLATELET ACTIVATING FACTOR-INDUCED BRAIN DAMAGE DURING NORMOXIC PERFUSION MSN HS-MED NEURO SURG NUERO SURG	(133-N916)	21,000.00
191.	UNITED NATIONS HIGH COMMISSIONER FOR REFUGEES GENEVA, SWITZERLAND TRAINING MODULE PRODUCTION FOR THE PERIOD 01-01-89 THRU 12-31-89 (AMOUNT REPORTED IN ERROR AT OCTOBER REGENT MEETING) AWARD # 89/AP/VAR/LS/400/OV/(CA) MSN ENGR ENGR PRFSNL DVLP	(133-N954)	29,809.00-
192.	WARNER-LAMBERT COMPANY ANN ARBOR, MI A MULTICENTER RANDOMIZED OPEN COMPARATIVE STUDY OF ORAL ENOXACIN VERSUS PARENTERAL CEFOTAXIME AS PROPHYLACTIC AGENTS IN TRANSURETHRAL SURGERY MSN HS-MED SURGERY UROLOGY	(133-N973)	50,775.00
193.	BONE CARE INTERNATIONAL, INC. MADISON, WI BONE CARE FUND MSN AG&LSC BIOCHEMISTRY	(133-N990)	1,731.87
194.	VILLAGE OF WILD ROSE WILD ROSE, WI VILLAGE OF WILD ROSE PLANNING WORKSHOP MSN L&S URBAN & REG PLAN	(133-PO17)	330.00
195.	UPJOHN COMPANY KALAMAZOO, MI DROSOPHILA SLRL ASSAY OF U-57, 930E MSN L&S ZOOLOGY	(133-PO29)	27,681.00
196.	MERCK SHARPE & DOHME RESEARCH LABORATORIES WEST POINT, PA FELODIPINE ER (EXTENDED-RELEASE) DOSE-RESPONSE STUDY "CLIN" MSN HS-MED PHARMACOLOGY	(133-P109)	12,480.00
197.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NAVE VISITING SCHOLAR MSN L&S SPANISH & PORT IBERO-AMER	(133-P114)	4,319.00

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198.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 03-27-89 THRU 01-13-90 AWARD # 89-11 SANDE MSN ENGR CIVIL & ENV ENGR	(133-P135)	1,728.00
199.	CAMBELL INSTITUTE FOR RESEARCH AND TECHNOLOGY NAPOLEON, OH CUCUMBER RFLP PROJECT MSN AG&LSC HORTICULTURE	(133-P140)	3,840.00
200.	OSCAR MAYER FOOD CORPORATION MADISON, WI THE EFFECT OF EGG WHITE AND LYSOZYME ON THE GROWTH AND TOXIN FORMATION BY CLOSTRIDIUM BOTULINUM IN TURKEY PRODUCTS MSN AG&LSC FOOD MICRO&TOXIC	(133-P147)	15,000.00
201.	SYNTEX U.S.A. INC. PALO ALTO, CA TESTING THE IMMUNOSUPPRESSIVE EFFECT OF RS-61443 MSN HS-MED SURGERY GEN SURG	(133-P206)	39,396.00
202.	MULTIPLE DONORS SWINE RESPIRATORY DISEASE MSN VET M MEDICAL SCIENCES	(133-P218)	280.00
203.	WISC DEPT OF NATURAL RESOURCES MADISON, WI BIOCHEMICAL FATE OF MERCURY IN AQUATIC ECOSYSTEMS FOR THE PERIOD 10-01-89 THRU 06-30-90 AWARD # NRJ 94788 MSN L&S LIMNOLOGY CTR	(133-P411)	52,326.00
204.	ACUFEX MICROSURGICAL INCORPORATED NORWOOD, MA ORTHOPEDIC RESEARCH MSN HS-MED SURGERY ORTHO SURG	(133-P432)	1,498.40
205.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-30-89 THRU 12-15-89 AWARD # 89-11 TRUSSEL MSN AG&LSC NAT RSRCS- ADMIN	(133-P435)	420.00
206.	WISCONSIN POWER AND LIGHT COMPANY MADISON, WI DEMAND-SIDE MANAGEMENT FOR THE PERIOD 08-28-89 THRU 05-27-90 AWARD # GO 893020 MSN ENV ST ENVIR POLICY ST	(133-P478)	11,087.00
207.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-89 THRU 06-30-90 (POSTDOCTORAL FELLOW TRANSFERRED TO VANDERBILT UNIVERSITY) AWARD # 89-FA-14 MSN AG&LSC BIOCHEMISTRY	(133-P487)	15,725.00-

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208.	JAPAN FOUNDATION NEW YORK, NY THE GOVERNANCE OF CAPITALIST ECONOMIES FOR THE PERIOD 06-01-89 THRU 03-31-90 MSN L&S HISTORY (133-P504)	1,286.30
209.	MOWER-CONDITIONER LEAF LOSS AND ASSOCIATED DRYING RATE MSN AG&LSC AG ENGINEERING (133-P537)	
	1,000.00 GEHL COMPANY WEST BEND, WI	
	800.00 MULTIPLE DONORS	
		1,800.00
210.	WISCONSIN INNOVARIUM WAUWATOSA, WI SALARY SUPPORT OF GRADUATE ASSISTANT MSN HS-MED MEDICAL PHYSICS (133-P541)	3,288.25
211.	MULTIPLE DONORS AQUACULTURE RESEARCH MSN AG&LSC FOOD SCIENCE (133-P553)	124.00
212.	PICKLE PACKERS INTERNATIONAL ST. CHARLES, IL CUCUMBER RESEARCH MSN AG&LSC HORTICULTURE (133-P586)	5,280.00
213.	MARKWELL MEDICAL INSTITUTE RACINE, WI WEARABLE CONTINUOUS BLOOD GLUCOSE MONITORING AWARD # TDF 7-30 MSN HS-MED MEDICINE NEPHROLOGY (133-P617)	101,016.00
214.	STATE MEDICAL SOCIETY OF WISCONSIN MADISON, WI RESEARCH IN HEALTH MANAGEMENT MSN HS-MED PREVENTIVE MED (133-P654)	5,000.00
215.	MULTIPLE DONORS PATIENT AND STAFF EDUCATION FUND MSN HS-MED SURGERY THORACIC S (133-P702)	85.00
216.	NATIONAL LIVE STOCK AND MEAT BOARD CHICAGO, IL FATE AND CONTROL OF ESCHERICHIA COLI O157:H7 IN BEEF FOR THE PERIOD 07-01-89 THRU 06-30-91 MSN AG&LSC FOOD MICRO&TOXIC (133-P704)	185,000.00
217.	AMERICAN HEART ASSOCIATION DALLAS, TX ESTABLISHED INVESTIGATORSHIP AWARD FOR THE PERIOD 08-01-89 THRU 06-30-90 AWARD # 860109 MSN HS-MED PHYSIOLOGY (133-P724)	4,708.95

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218.	NEW YORK (STATE OF) DEPT. OF HEALTH AIDS INSTITUTE ALBANY, NY SERUM FACTORS IN THE PATHOGENESIS OF HTLV-111 INFECTIONS FOR THE PERIOD 01-01-89 THRU 06-30-89 AWARD # C-001577 MSN HS-MED PATHOL & LAB MED ANAT PATH (133-P732)	18,600.00
219.	NEW YORK (STATE OF) DEPT. OF HEALTH AIDS INSTITUTE ALBANY, NY PREDICTORS OF HIV-INFECTION FOR THE PERIOD 12-01-88 THRU 06-30-89 AWARD # C-002143 MSN HS-MED PATHOL & LAB MED ANAT PATH (133-P733)	33,020.00
220.	BURROUGHS WELLCOME COMPANY RESEARCH TRIANGLE PARK, NC PHASE 11 EVALUATION OF CRISNATOL MESYLATE IN PATIENTS WITH OVARIAN CANCER "CLIN" MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY (133-P790)	17,736.84
221.	STATE HISTORICAL SOCIETY OF WISCONSIN MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION MSN BUS SCH OF BUSINESS (133-P793)	3,625.00
222.	APPLIED BIOTECHNOLOGY, INC. CAMBRIDGE, MA TUBERCULOSIS CHALLENGE EXPERIMENT MSN HS-MED MED MICROBIOLOGY (133-P794)	15,000.00
223.	MULTIPLE DONORS DOWNTOWN REVITALIZATION MSN AG&LSC NR-LANDSCAP ARCH (133-P802)	350.00
224.	ETHYL CORPORATION BATON ROUGE, LA HEAT STRESS TOLERANCE OF BROILERS FED ETHACAL FEED COMPONENT MSN AG&LSC POULTRY SCIENCE (133-P851)	2,714.00
225.	KUWAIT INSTITUTE FOR SCIENTIFIC RESEARCH KUWAIT THE EFFECT OF HEAT STRESS ON BROILER PARENT STOCK FECUNDITY MSN AG&LSC POULTRY SCIENCE (133-P852)	11,600.00
226.	ILLINOIS DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES SPRINGFIELD, IL RESIDENTIAL FACILITIES MONITORING SERVICE FOR THE PEIOD 08-29-89 THRU 06-30-90 MSN GRAD WAISMAN CENTER (133-P858)	4,400.00

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227.	SANDOZ RESEARCH INSTITUTE EAST HANOVER, NJ A DOUBLE-BLIND EVALUATION OF THE SAFETY AND EFFICACY OF ZK-112-119, ALPRAZOLAM AND PLACEBO IN OUTPATIENTS WITH PANIC DISORDER "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-P860)	31,230.00
228.	MULTIPLE DONORS SONDEREGGER RESEARCH CENTER - RESEARCH IN PHARMACY ADMINISTRATION MSN HS-PHR SRC	(133-P864)	350.00
229.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC TIME RESOLVED DECAY OF GAS PHASE TRANSITION METAL CLUSTER-ADSORBATE COMPLEXES FOR THE PERIOD 09-01-89 THRU 08-31-91 AWARD # ACS-PRF# 22134-AC 6,5-C MSN L&S CHEMISTRY	(133-P882)	39,000.00
230.	SANDOZ PHARMACEUTICALS EAST HANOVER, NJ A DOUBLE-BLIND EVALUATION OF THE SAFETY, EFFICACY OF ZK-112-119, ALPRAZOLAM AND PLACEBO IN OUTPATIENTS WITH GENERALIZED ANXIETY DISORDER "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-P883)	17,827.20
231.	SUPERCONDUCTIVITY, INC. MIDDLETON, WI SHORT SAMPLE TESTING OF SUPERCONDUCTING WIRE FOR THE PERIOD 08-21-89 THRU 08-01-90 AWARD # 1256 MSN ENGR ENGR EXPER STA SUPERCONDT	(133-P884)	1,000.00
232.	HYBRID COMPUTATIONAL MECHANICS MSN ENGR ENGR MECHANICS	(133-P885)	
	975.00 SKOFRONICK (RICHARD & LISE) MADISON, WI		
	975.00 SKOFRONICK (RICHARD AND LISE) MADISON, WI		
			1,950.00
233.	INDIANA UNIVERSITY BLOOMINGTON, IN MUCIA-MALYSIA PROJECT FOR THE PERIOD 08-01-89 THRU 07-31-90 MSN BUS SCH OF BUSINESS	(133-P886)	76,776.00
234.	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

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235.	MULTIPLE DONORS RESEARCH IN THE FIELD OF AIDS IN THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE RHEUMATOL (133-P889)	110.00
236.	MCDONALD'S CORPORATION OAK BROOK, IL COLONIZATION OF POULTRY BY BACTERIAL PATHOGENS MSN AG&LSC FOOD MICRO&TOXIC (133-P892)	30,000.00
237.	CARGILL, INC. - NUTRENA FEED DIVISION ELK RIVER, MN THE USE OF SILAGE ADDITIVES TO IMPROVE UTILIZATION OF ALFALFA SILAGE BY DAIRY COWS MSN AG&LSC DAIRY SCIENCE (133-P893)	8,500.00
238.	WEST BEND PROCESSING COMPANY WEST BEND, IA PERFORMANCE OF YOUNG TURKEYS FED SOL-D-MEENO 38 MSN AG&LSC POULTRY SCIENCE (133-P894)	1,276.00
239.	FARMOS, INC. CEDAR GROVE, NJ THE EFFECT OF GRAINMAX ADDITION ON UTILIZATION OF PROTEIN IN ALFALFA SILAGE MSN AG&LSC DAIRY SCIENCE (133-P895)	13,496.45
240.	SOUTH CAROLINA (STATE OF) WEST COLUMBIA, SC DEVELOPMENT OF SERVICE DELIVERY DATABASE FOR THE PERIOD 09-18-89 THRU 03-15-90 MSN ENGR INDUSTRIAL ENGR (133-P897)	15,000.00
241.	BELOIT COLLEGE BELOIT, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 08-24-89 THRU 06-30-90 MSN L&S SPACE ASTRON LAB (133-P899)	15,000.00
242.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI EVALUATION OF WISCONSIN'S STATE HEALTH INSURANCE PROGRAM PILOTS FOR THE PERIOD 08-15-89 THRU 06-30-91 MSN HS-ADM ADMINISTRATION HLTH POLCY (133-P900)	136,875.00
243.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI EVALUATION OF WISCONSIN'S STATE HEALTH INSURANCE PROGRAM PILOTS FOR THE PERIOD 08-15-89 THRU 06-30-91 MSN L&S LAFOLLET PUBL AF (133-P901)	53,639.00
244.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN LYME DISEASE RESEARCH MSN HS-HYG BACTERIOLOGY MYCOBACT (133-P903)	5,000.00

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245.	FIRST CITY DEVELOPMENT OF HAITI, S.A. DES PLAINES, IL SKARN DEPOSIT RESEARCH MSN L&S GEOL & GEOPHYSCS	(133-P905)	200.00
246.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 09-01-89 THRU 03-02-90 AWARD # 89-11 COLBY MSN ENV ST INSTRUCTNL PRDG INSTR PRDG	(133-P906)	5,084.00
247.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 09-11-89 THRU 06-02-90 AWARD # 89-11 MOLL MSN AG&LSC NAT RSRCS- ADMIN	(133-P911)	4,924.50
248.	UNIVERSITY TECHNOLOGY TRANSFER, INC. TORRANCE, CA DEVELOP AN INEXPENSIVE WASTEWATER POLLUTANT SENSOR FOR THE PERIOD 09-01-89 THRU 06-30-90 MSN L&S CHEMISTRY	(133-P912)	37,677.00
249.	ROSS LABORATORIES COLUMBUS, OH EFFECT OF ENTENAL NUTRITION ON DRUG METABOLISM IN CANCER PATIENTS "CLIN" MSN HS-PHR PHARMACY	(133-P913)	19,500.00
250.	NORTH CAROLINA DEPARTMENT OF PUBLIC INSTRUCTION RALEIGH, NC LEADERSHIP FOR SCHOOL IMPROVEMENT BASED ON THE EFFECTIVE SCHOOLS RESEARCH FRAMEWORK FOR THE PERIOD 09-28-89 THRU 05-01-90 AWARD # 0000001640 MSN EDUC WIS CTR EDUC RES	(133-P914)	150,000.00
251.	NATIONAL CENTER FOR EFFECTIVE SCHOOLS, RESEARCH AND DEVELOPMENT FOUNDATION OKEMOS, MI NATIONAL CENTER FOR EFFECTIVE SCHOOLS, RESEARCH AND DEVELOPMENT MSN EDUC WIS CTR EDUC RES	(133-P915)	60,000.00
252.	DANA (ELEANOR NAYLOR) CHARITABLE TRUST) NEW YORK, NY PMN-MEDIATED SURFACTANT DEGRADATION AND BPD PATHOGENESIS FOR THE PERIOD 10-01-89 THRU 09-30-90 MSN HS-MED PEDIATRICS	(133-P916)	100,000.00
253.	SIGMA THETA TAU INTERNATIONAL HONOR SOCIETY OF NURSING INDIANAPOLIS, INDIANA MORAL REASONING ABOUT SEXUALLY TRANSMITTED DISEASE FOR THE PERIOD OF 10-01-89 THROUGH 09-30-90 MSN HS-NUR	(133-P920)	3,000.00

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254.	PACKARD (DAVID & LUCILE) FOUNDATION LOS ALTOS, CA DAVID AND LUCILE PACKARD POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 10-01-89 THRU 09-30-94 AWARD # 89-1621 MSN L&S COMPUTER SCI	(133-P925)	500,000.00
255.	WYETH-AYERST RESEARCH PRINCETON, NJ CYCLOPHILIN BINDING OF RAPAMYCIN (AY-22, 989) MSN HS-PHR PHARMACY	(133-P926)	1,440.00
256.	WISCONSIN POWER AND LIGHT COMPANY MADISON, WI THE ABILITY OF SUBSOILS TO ATTENUATE METALS IN COAL PILE LEACHATES MSN ENGR CIVIL & ENV ENGR	(133-P927)	11,000.00
257.	GRACE (W R) & CO. - CONN. COLUMBIA, MD EVALUATION OF DNA PROBES AND EMBRYO KAROTYPING MSN AG&LSC MEAT& ANIMAL SCI	(133-P930)	12,400.00
258.	ANESTHESIA EDUCATION AND RESEARCH (FOUNDATION FOR) PARK RIDGE, IL ANESTHESIOLOGY YOUNG INVESTIGATOR AWARD FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN HS-MED ANESTHESIOLOGY	(133-P931)	30,000.00
259.	SERAGEN, INC. HOPKINTON, MA TRANSPLANT RESEARCH FUND MSN HS-MED SURGERY GEN SURG	(133-P933)	2,500.00
260.	TRITON BIOSCIENCES ALAMEDA, CA PATIENT CARE/THERAPEUTIC ACTIVITY OF INTERFERON BETA,SER MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY	(133-P936)	20,000.00
261.	AMERICAN INSTITUTE FOR RESEARCH WASHINGTON, DC BABY BOOM COHORT AT MIDLIFE FOR THE PERIOD 07-15-89 THRU 12-31-89 MSN GRAD INST-AGING&ADULT	(133-P938)	37,496.00
262.	WISC DEPT OF NATURAL RESOURCES MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 09-06-89 THRU 11-22-89 MSN L&S LAFOLLET PUBL AF	(133-P939)	1,650.00
263.	XYLAN, INC. MADISON, WI POTENTIAL OF CHEMICALLY ALTERED TREE LEAVES AS A FEED FOR RUMINANTS MSN AG&LSC DAIRY SCIENCE	(133-P940)	5,000.00

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264.	SMITH KLINE AND FRENCH LABORATORIES KING OF PRUSSIA, PA RESEARCH IN PHARMACEUTICAL SCIENCES MSN HS-PHR PHARMACY	(133-P941)	15,000.00
265.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA INCLUSION OF RELIABILITY COSTS IN REAL TIME PRICING DECISIONS FOR THE PERIOD 09-29-89 THRU 08-31-92 AWARD # RP 4000-14 MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-P942)	233,550.00
266.	HANNAH INSTITUTE FOR THE HISTORY OF MEDICINE TORONTO, CANADA POSTDOCTORAL FELLOWSHIP MSN HS-MED HIST OF MEDICINE HIST OF MD	(133-P943)	26,589.17
267.	HAZLETON LABORATORIES AMERICA, INC. MADISON, WI EVALUATION OF TECHNETIUM TC99M-ECD IN NORMAL HEALTHY VOLUNTEERS MSN HS-MED RADIOLOGY NUCL MED	(133-P947)	12,144.00
268.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 09-05-89 THRU 12-21-89 AWARD # 89-11 SHINNERS MSN AG&LSC NAT RSRCS- ADMIN	(133-P952)	960.00
269.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 09-25-89 THRU 12-30-89 AWARD # 89-11 LIEBENSTEIN MSN AG&LSC NAT RSRCS- ADMIN	(133-P953)	2,000.00
270.	TRACOR NORTHERN, INC. MIDDLETON, WI LOW NOISE JFET MSN ENGR ENGR EXPER STA MICROELECT	(133-P954)	75,000.00
271.	CLARK (EDNA MCCONNELL) FOUNDATION NEW YORK, NY IMMUNE RESPONSES TO CHLAMYDIA FOR THE PERIOD 10-01-89 THRU 09-30-90 MSN HS-MED MED MICROBIOLOGY	(133-P955)	55,000.00
272.	NATIONAL KIDNEY FOUNDATION OF WISCONSIN, INC. WAUWATOSA, WI REGULATION OF CELLULAR PHOSPHATE CONCENTRATION IN CANINE RENAL TUBULES MSN HS-MED MEDICINE NEPHROLOGY	(133-P956)	7,500.00

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273.	INTERNATIONAL BUSINESS MACHINES CORPORATION HOPEWELL JUNCTION, NY X-RAY LITHOGRAPHY RESEARCH FOR THE PERIOD 07-01-89 THRU 06-30-91 AWARD # AGREEMENT #1423 MSN ENGR ENGR EXPER STA X-RAY LITH (133-P957)	224,248.68
274.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND IN THE DEPARTMENT OF MEDICAL PHYSICS MSN HS-MED MEDICAL PHYSICS (133-P958)	418.02
275.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCHING THE WASTE TIRE DISPOSAL DILEMMA MSN AG&LSC AG ENGINEERING (133-P960)	250.00
276.	WALLACE LABORATORIES CRANBURY, NJ MONOTHERAPY COMPARISON OF FELBAMATE AND VALPROATE IN PARTIAL SEIZURES MSN HS-MED NEUROLOGY (133-P961)	8,050.50
277.	FORT DODGE LABORATORIES FORT DODGE, IA BASOPHIL HISTAMINE RELEASE AS A MODEL SYSTEM FOR THE STUDY OF TYPE I HYPERSENSITIVITY IN THE DOG MSN VET M MEDICAL SCIENCES (133-P992)	5,614.00
278.	HOFFMANN-LAROCHE, INC. NUTLEY, NJ FLEROXACIN STUDY MSN HS-UHS HEALTH SVC-BBC (133-P993)	19,935.00
279.	ROHM AND HAAS COMPANY SPRING HOUSE, PA MATCHING FUNDS FOR NSF-PYI AWARD MSN L&S CHEMISTRY (133-P995)	5,000.00
280.	NORTH AMERICAN PEDIATRIC PSEUDO-OBSTRUCTION SOCIETY, INC. MEDFORD, MA ELUCIDATION OF THE ROLE OF NERVE DAMAGE IN THE PATHOGENESIS OF CHRONIC INTESTINAL PSEUDO- OBSTRUCTION MSN HS-PHR PHARMACY (133-P996)	10,000.00
281.	PROSCIENCE CORPORATION STERLING, VA EVALUATION OF THE PROSTAPH-TM TEST AS A COST- EFFECTIVE MANAGEMENT TOOL, AND THE DEVELOPMENT OF METHODS FOR INTEGRATION INTO A TOTAL MILKING MANAGEMENT AND MASTITIS CONTROL PROGRAM MSN AG&LSC DAIRY SCIENCE (133-P998)	16,000.00

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282.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI DEVELOPMENT OF TECHNIQUES FOR MORE RAPID AND LESS EXPENSIVE SCREENING OF CATTLE FOR A MOLECULAR MARKER RELATED TO YIELD TRAITS MSN AG&LSC DAIRY SCIENCE	(133-P999)	2,000.00
283.	PROCTOR AND GAMBLE, INC. CINCINNATI, OH CHEMICAL CHARACTERIZATION OF LANDFILL REFUSE DECOMPOSITION OVER TIME MSN ENGR CIVIL & ENV ENGR	(133-Q001)	20,750.00
284.	MULTIPLE DONORS OTOLARYNGOLOGY EDUCATION FUND MSN HS-MED SURGERY OTOLARYN	(133-Q007)	300.00
285.	MILLER BREWING COMPANY MILWAUKEE, WI SUPPRESSION OF CHOLESTEROL BIOSYNTHESIS BY NATURAL PRODUCTS MSN AG&LSC AGRONOMY	(133-Q008)	4,000.00
286.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF NATURAL RESOURCES REVITALIZATION PROJECT MSN AG&LSC NAT RSRCS- ADMIN	(133-Q009)	20,000.00
287.	INSTITUTE FOR HUMAN RESOURCE DEVELOPMENT, INC. GLASTONBURY, CT DEVELOPMENT OF AN ULTRA USER-FRIENDLY PERSONAL COMPUTER BASED SERVICE DELIVERY DIRECTORY FOR ASSISTIVE TECHNOLOGY SERVICES FOR THE PERIOD 10-01-89 THRU 09-30-90 MSN ENGR INDUSTRIAL ENGR	(133-Q010)	10,000.00
288.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC DEPARTMENT OF CHEMISTRY CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S CHEMISTRY	(133-4477)	1,000.00
289.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	
	7,000.00 BASF CORPORATION MADISON, WI		
	4,000.00 MONSANTO COMPANY ST LOUIS, MO		
			11,000.00
290.	SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC	(133-5328)	
	50,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	1,000.00 NATIONAL CONFECTIONERS ASSOCIATION MCLEAN, VA		
	50,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
			101,000.00

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291.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED	(133-5671)	12,000.00
292.	RHONE-POULENC AG COMPANY CLAYTON, NC PLANT DISEASE CONTROL STUDIES MSN AG&LSC PLANT PATHOLOGY	(133-6696)	1,000.00
293.	ROHM & HAAS COMPANY SPRING HOUSE, PA TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY	(133-6855)	500.00
294.	SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	
	9,600.00	MIDWEST FOOD PROCESSORS ASSOCIATION MADISON, WI	
	2,400.00	FMC CORPORATION PRINCETON, NJ	
	23,000.00	MONSANTO COMPANY ST LOUIS, MO	
	2,400.00	BASF CORPORATION PARSIPPANY, NJ	
	1,440.00	ROHM & HAAS COMPANY PHILADELPHIA, PA	
	7,680.00	AMERICAN CYANAMID COMPANY WAYNE, NJ	
			46,520.00
295.	GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-8218)	
	12,000.00	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI	
	4,000.00	FLUID FERTILIZER FOUNDATION MANCHESTER, MO	
	1,000.00	PIONEER HI-BRED INTERNATIONAL, INC. JOHNSTON, IA	
			17,000.00
296.	HERBICIDE RESEARCH PROGRAM MSN AG&LSC AGRONOMY	(133-9070)	
	1,500.00	BASF CORPORATION PARSIPPANY, NJ	
	500.00	MONSANTO COMPANY ST LOUIS, MO	
			2,000.00

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297.	LYNN M. BUDZAK MADISON, WI HERD DEVELOPMENT AND DAIRY CATTLE BREEDING RESEARCH MSN AG&LSC DAIRY SCIENCE	(133-9531)	600.00
298.	WM. F. RENK & SONS CO., INC. SUN PRAIRIE, WI WISCONSIN AGRONOMY CORN GENETICS RESEARCH FUND MSN AG&LSC AGRONOMY	(133-9931)	1,200.00

STUDENT AID

1.	UNION BANK MANCHESTER, JOHN D. SAN DIEGO, CA MANCHESTER, JOHN D.--LOAN FUND MSN BUS SV BURSAR	(LOANS)	45,036.39
2.	EARNINGS ON MISC. INVESTMENTS KIPP, WILLIAM H.--SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(TRUST)	28.29
3.	SANTA'S TREES, INC. LAKE FOREST, IL LYON, EARLE D.--SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(TRUST)	487.50
4.	SCHULTE WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	(TRUST)	
	7,042.51 CONTINENTAL BANK N.A. CHICAGO, IL		
	10,476.68 CONTINENTAL BANK N.A. SCHULTE, HELEN D. TRUST CHICAGO, IL		
			17,519.19
5.	EARNINGS ON MISC. INVESTMENTS KORESH, GEORGE--LOAN FUND MSN BUS SV BURSAR	(TRUST)	212.50
6.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAU, CELIA NEWMAN--STUDENT ASSISTANCE MSN L&S CLASSICS	(TRUST)	3,000.00
7.	CONNECTICUT PYTHIAN WATERTOWN, CT VETERINARY MEDICINE SCHOLARSHIP FUND MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S	(TRUST)	300.00
8.	EARNINGS ON MISC. INVESTMENTS MESSERSCHMIDT, DR. RAMONA--SCHOLARSHIP FUND IN CLINICAL PSYCHOLOGY MSN L&S PSYCHOLOGY	(TRUST)	385.55

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9.	SPITZBARTH, JANETTE FENNIMORE, WI SPITZBARTH, MICHAEL C.--MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (TRUST)	400.00
10.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BUNGE, HELEN L.--SCHOLARSHIP MSN HS-NUR ADMINISTRATION ADMIN (TRUST)	49,372.66
11.	FIRST BANKING CENTER BURLINGTON, WI MADISON CAMPUS GENERAL SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (TRUST)	7,340.43
12.	BANK OF NEW ENGLAND PITTSFIELD, MA BROWN, LEWIS RAYMOND--SCHOLARSHIP MSN ENGR OPERATIONS (TRUST)	289.46
13.	PROCEEDS FROM MISC. INVESTMENTS MESSERSCHMIDT, DR. RAMONA--SCHOLARSHIP FUND IN CLINICAL PSYCHOLOGY MSN L&S PSYCHOLOGY (TRUST)	327.33
14.	PALMER, PHILIP SILVER SPRINGS, MD WISCONSIN NAVAL ROTC ALUMNI AWARD FUND MSN OFCR E NAVAL SCIENCE (TRUST)	50.00
15.	MULTIPLE DONORS SCHILLING, ROBERT F.--SCHOLARSHIP MSN HS-MED MEDICINE (TRUST)	5,869.00
16.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AT A TOTAL COST OF \$8,155,726.00 AWARD # P063P87121, MOD. 4 MSN G SERV FELLOWS & SCHOLS (148-A089)	69,481.00-
17.	EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:	
1)	PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AT A TOTAL COST OF \$27,650.00 AWARD # P063R87121, MOD. 1 MSN AC SVC STU FINAN SERV FIN SERV (144-AK16)	90.00
2)	NATIONAL RESOURCE FELLOWSHIP PROGRAM LATIN AMERICAN AREA STUDIES FOR THE PERIOD 08-15-89 THROUGH 08-14-90 AWARD # P015A80018-89 MSN GRAD (144-BD10)	55,000.00

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3)	NATIONAL RESOURCE FELLOWSHIP PROGRAM EAST ASIAN AREA STUDIES FOR THE PERIOD 08-15-89 THROUGH 08-14-90 AWARD # PO15A80005-89 MSN GRAD	(144-BD14)	63,870.00
18.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI MR. & MRS. HARRY A. BULLIS SCHOLARSHIP MSN L&S ECONOMICS	(135-0064)	4,000.00
19.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GEORGE KOEPPPEL MEMORIAL SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-A738)	8,500.00
20.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RONALD W. ZINNS MEMORIAL SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-A739)	8,000.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIP IN MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR	(133-A754)	13,950.00
22.	MULTIPLE DONORS SCHOOL OF MUSIC SCHOLARSHIP MSN L&S SCHOOL OF MUSIC	(133-B501)	400.00
23.	EASTMAN KODAK COMPANY ROCHESTER, NY ENGINEERING UNDERGRADUATE SCHOLARSHIPS MSN ENGR OPERATIONS	(133-C484)	14,153.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AUGUST HANKE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-C492)	1,147.23
25.	CARGILL PROCESSING GROUP MINNETONKA, MN UNDERGRADUATE SCHOLARSHIPS IN MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR	(133-C749)	1,000.00
26.	CARGILL PROCESSING GROUP MINNETONKA, MN UNDERGRADUATE SCHOLARSHIPS IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR	(133-C750)	1,000.00
27.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP MSN HS-A H ADMINISTRATION	(133-E081)	900.00

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28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FARM AND INDUSTRY SHORT COURSE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-E198)	2,190.79
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NELLIE BUTT FARM AND INDUSTRY SHORT COURSE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SHORT C- G (133-E330)	2,500.00
30.	GRACE (W R) & CO. COLUMBIA, MD GRADUATE FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY (133-F143)	10,000.00
31.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-F595)	900.00
32.	COLLEGE OF ENGINEERING SCHOLARSHIP FUND MSN ENGR (133-F731)	
	2,500.00 UNISYS CORPORATION DETROIT, MI	
	500.00 CARGILL INCORPORATED MINNEAPOLIS, MN	
		3,000.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WES HANSCHER MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-G550)	1,109.66
34.	MYRON KUHLMAN BEAUMONT, TX RUTH MILLER KUHLMAN SCHOLARSHIP MSN L&S CLASSICS (133-G890)	1,800.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARY ANN BRICHTA SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEAN'S OFF (133-G919)	1,750.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ETHEL J. ODEGARD SCHOLARSHIP IN ART MSN EDUC GENERAL ADMIN DEAN'S OFF (133-H240)	1,000.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARION O. COLE SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEAN'S OFF (133-H316)	1,500.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI A.C. NIELSEN, JR. SCHOLARSHIP MSN L&S COMMUN ARTS	(133-H462)	5,000.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CAL'S DEAN'S MERIT SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-J564)	1,500.00
40.	CIGNA CORPORATION PHILADELPHIA, PA CIGNA SCHOLARSHIP (ACTUARIAL SCIENCE PROGRAM) MSN BUS SCH OF BUSINESS	(133-J586)	5,000.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WALTER MORTON SCHOLARSHIP FUND MSN L&S ECONOMICS	(133-J797)	2,000.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LENORE A. NETZER AND GLEN G. EYE GRADUATE SCHOLARSHIP MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-J930)	1,388.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FREDDIE GAGE MEMORIAL SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SH CRS SCH	(133-L074)	4,400.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ECONOMIC MERIT SCHOLARSHIP MSN L&S ECONOMICS	(133-L290)	560.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHORT COURSE CENTENNIAL AWARD MSN AG&LSC ACAD STU AFF ADM SHORT C- G	(133-L451)	2,100.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FERDINAND C. PLAENERT SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-L998)	15,700.00
47.	LIFE AND HEALTH INSURANCE MEDICAL RESEARCH FUND WASHINGTON, DC LUTHERAN BROTHERHOOD SCHOLARSHIP MSN HS-MED HUMAN ONCOLOGY	(133-M709)	8,000.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALLEN J. SHAFER, JR. SCHOLARSHIP MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-M918)	3,440.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LYDIA Z. SHAFER SCHOLARSHIP MSN EDUC GENERAL ADMIN DEAN'S OFF (133-M919)	1,100.00
50.	RISK AND INSURANCE MANAGEMENT SOCIETY, INC. MILWAUKEE, WI RIMS, INC. SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-N190)	500.00
51.	LIFE AND HEALTH INSURANCE MEDICAL RESEARCH FUND WASHINGTON, D.C. LIFE & HEALTH INSURANCE MEDICAL RESEARCH FUND SCHOLARSHIP MSN HS-MED ONCOLOGY (133-N420)	8,000.00
52.	PHILLIPS FRIENDLY PHARMACIES INC WAUKESHA, WI FRANK W. PHILLIPS SCHOLARSHIP FUND MSN HS-PHR PHARMACY (133-N483)	650.00
53.	AMERICAN INDIAN GRADUATE CENTER ALBUQUERQUE, NM MINORITY STUDENTS PROGRAM MSN LAW LAW SCHOOL (133-N637)	3,869.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MILT SUNDE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-P819)	700.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DWAYNE A. ROHWEDER FORAGE EXTENSION SCHOLARSHIP MSN AG&LSC AGRONOMY (133-P820)	700.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF AGRICULTURAL AND LIFE SCIENCES CENTENNIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-P821)	945.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTHUR M CARMODY MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-P822)	600.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARLETON A. FRIDAY - WISCONSIN FOOD PROCESSORS ASSOCIATION SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM (133-P855)	1,000.00
59.	LUBRIZOL FOUNDATION PEPPER PIKE, OH LUBRIZOL SCHOLARSHIP MSN L&S STATISTICS (133-P890)	2,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

60.	LUBRIZOL FOUNDATION PEPPER PIKE, OH LUBRIZOL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-P891)	5,000.00
61.	INSTITUTE FOR THE STUDY OF WORLD POLITICS WASHINGTON, DC INSTITUTE FOR THE STUDY OF WORLD POLITICS FELLOWSHIP MSN G E A INTL STU & PROGS (133-P898)	1,000.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PETER AND EMILY LOUND SCHOLARSHIP MSN HS-MED ACAD AFFAIRS EDUC&ACAD (133-P904)	1,000.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAURENCE AND FRANCES WEINSTEIN GRADUATE SCHOLARSHIP MSN L&S HEBREW & SEM STU (133-P944)	2,500.00
64.	MERITER FOUNDATION, INC. MADISON, WI RANK SCHOLARSHIP MSN HS-MED ACAD AFFAIRS EDUC&ACAD (133-P949)	2,000.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR RETAILING STUDIES SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-P987)	2,000.00
66.	AMERICAN SOCIOLOGICAL ASSOCIATION WASHINGTON, DC AMERICAN SOCIOLOGICAL ASSOCIATION TRANINEESHIP MSN L&S SOCIOLOGY (133-Q011)	6,750.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JAMES D. SHAW AND DOROTHY SHAW - MILWAUKEE FOUNDATION MEMORIAL SCHOLARSHIP MSN LAW LAW SCHOOL (133-0025)	76,650.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALTA T. AND DANIEL B. STRALEY SCHOLARSHIP FOR ASSISTING STUDENTS INTERESTED IN BECOMING TEACHERS MSN EDUC GENERAL ADMIN DEAN'S OFF (133-3563)	1,900.00
69.	WISCONSIN ROAD BUILDERS ASSOCIATION MADISON, WI SCHOLARSHIP IN CIVIL & ENVIRONMENTAL ENGINEERING MSN ENGR CIVIL & ENV ENGR (133-4867)	500.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DENNIS AND MARTHA WHARTON FELLOWSHIP IN BIOCHEMISTRY MSN AG&LSC BIOCHEMISTRY	(133-7127)	4,000.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI A. GERTRUDE ANTHONY SCHOLARSHIP IN THE SCHOOL OF EDUCATION MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-8700)	4,900.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANNE L. MARCH SCHOLARSHIP IN THE SCHOOL OF EDUCATION MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-8701)	1,750.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF NURSING SCHOLARSHIP FUND MSN HS-NUR	(133-8872)	8,800.00
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GERTRUDE ANTHONY SCHOLARSHIP IN THE DEPARTMENT OF HOME MANAGEMENT AND FAMILY LIVING MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-8878)	2,000.00
75.	OSCAR MAYER FOODS CORPORATION MADISON, WI STUDENT FINANCIAL AID OFFICE-MADISON CAMPUS UNRESTRICTED FUND MSN G SERV FELLOWS & SCHOLS	(133-8892)	3,900.00

UNRESTRICTED

1.	LONGRES (JOHN F.) MADISON, WI DISCRETIONARY ACCOUNT IN THE SCHOOL OF SOCIAL WORK MSN L&S SOCIAL WORK	(133-L147)	200.00
2.	SANDOZ PHARMACEUTICALS CORPORATION EAST HANOVER, N.J. UNRESTRICTED GRANT IN THE ENDOCRINOLOGY AND METABOLISM SECTION MSN HS-MED MEDICINE ENDOCRINOL	(133-M478)	600.00
3.	MULTIPLE DONORS DEPARTMENT OF RURAL SOCIOLOGY DISCRETIONARY FUND MSN AG&LSC RURAL SOCIOLOGY	(133-M652)	15.00
4.	COMMONS, (JOHN R.) CLUB MADISON, WI DEPARTMENT OF ECONOMICS JOHN R. COMMONS CLUB MSN L&S ECONOMICS	(133-N911)	1,372.81

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

UNRESTRICTED

5.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RURAL SOCIOLOGY DISCRETIONARY FUND MSN AG&LSC RURAL SOCIOLOGY	(133-P073)	520.25
6.	DEPARTMENT OF BACTERIOLOGY DISCRETIONARY FUND MSN AG&LSC BACTERIOLOGY	(133-P816)	
	34.50 MULTIPLE DONORS 1,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
			1,034.50
	TOTAL MADISON		22,237,671.34 =====

EXTENSION AND PUBLIC SERVICE	3,838.82
INSTRUCTION	1,206,182.81
LIBRARIES	259,613.08
MISCELLANEOUS	938,377.50
RESEARCH	19,373,216.59
STUDENT AID	452,699.98
UNRESTRICTED	3,742.56

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. VARIOUS DONORS
MILWAUKEE, WI
A GIFT OF VARIOUS BIBLIOGRAPHIC ITEMS FOR THE
GOLDA MEIR LIBRARY
MIL LIBR LIBRARY
2. E.I. DUPONT DE NEMOURS & CO.
WILMINGTON, DELAWARE
A GIFT OF S285 FABRIC OF KEVLAR 49 ARAMID FIBER
MIL ENG&AS MECHANICAL ENGR
3. NICOFIBERS, INC.
SHAWNEE, OH
A GIFT OF SURMAT 10OSF
MIL ENG&AS MECHANICAL ENGR
4. DR. VAL BORGER
MILWAUKEE, WI
A GIFT OF VARIOUS ITEMS IN MEMORY OF HARRIET
BORGER
MIL F ARTS FILM
5. HAROLD E. PENTLER
WHITEFISH BAY, WI
A GIFT OF A BOLEX 16MM CAMERA, SERIAL NUMBER
55692, PAILLARD, MODEL H
MIL F ARTS FILM
6. HAROLD ERTEL ASSOCIATES
RACINE, WI
A GIFT OF A PERFEX MODEL B-620-451 HEAT
EXCHANGER P/N X-6271-00
MIL ENG&AS MECHANICAL ENGR

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, D.C.
90-024-KB
RONALD E. MCNAIR POST-BACCALAUREATE
ACHIEVEMENT PROGRAM
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # P217A90091
MIL GRAD DEAN'S OFFICE (144-BH84) 96,855.00
2. DHHS, PUBLIC HEALTH SERVICE
ROCKVILLE, MARYLAND
90-022-BF
UWM SCHOOL OF NURSING, NURSING CENTER - SILVER
SPRING SITE
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # 5 D10 NU60026-03
MIL NURS FNDRNS OF NURS'G FNDR NURS' (144-BG79) 243,350.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

3.	MARQUETTE UNIVERSITY MILWAUKEE, WI 90-153-NM PRIME CONTRACTOR WITH DHHS PHS HRSA MIDWEST GERIATRIC EDUCATION CENTER CONSORTIUM FOR THE PERIOD 10-01-89 THROUGH 09-30-90 AWARD # 2 D31 AH65015-04 MIL A H P GENERAL ADMIN (144-BH83)	27,086.00
4.	UNIVERSITIES SPACE RESEARCH ASSOCIATES HOUSTON, TEXAS 89-407-NM ADVANCED DESIGN PROGRAM IN SPACE ARCHITECTURE FOR THE PERIOD 08-15-89 THROUGH 06-15-90 MIL ARC&UP ARCH&U P RES CTR (144-BH82)	13,324.00
5.	UNITED STATES INFORMATION AGENCY WASHINGTON, D. C. 89-282-NM PROPOSAL FOR A PARTNERSHIP BETWEEN UW-MILWAUKEE, UW-MADISON AND THE HEBREW UNIVERSITY OF JERUSALEM FOR THE PERIOD 10-01-89 THROUGH 09-30-92 AWARD # IA-ASJL-G9193672 MIL L&S INTL RELATIONS (144-BH26)	50,000.00
6.	AMIDEST: PARTNERS FOR INTERNATIONAL EDUCATION AND TRAINING (PIET) P/C STATE WASHINGTON, D.C. 90-136-BF TRAINING PROGRAM IN INFORMATION RESOURCES MANAGEMENT FOR MS. RESEK FOR THE PERIOD 10-07-89 THROUGH 11-03-89 MIL L&I SC SCH-LIB&INF SCI (144-BH51)	2,000.00
7.	UWM FOUNDATION (VARIOUS ACCT. #255) MILWAUKEE, WI ENTREPRENEURIAL PROFESSORSHIP PROGRAMS MIL BUS AD MGMNT RESRCH CTR MGT RES CT (133-G382)	24,290.00
8.	UWM FOUNDATION (ACCT. 845.0) MILWAUKEE, WI SCIENCE BAG (GENERAL) MIL L&S PHYSICS (133-L610)	787.00
9.	UWM FOUNDATION MILWAUKEE, WI SCIENCE BAG (R. GREENLER) MIL L&S PHYSICS (133-L611)	741.00
10.	UWM FOUNDATION ACCOUNT #517 MILWAUKEE, WI SHELDON LUBAR CHAIR OF FREE ENTERPRISE MIL BUS AD MGMNT RESRCH CTR MGT RES CT (133-L947)	15,600.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

- | | | | |
|-----|---|------------|-----------|
| 11. | WISCONSIN STATE COUNCL ON ECONOMIC
EDUCATION
MILWAUKEE, WI
90-005-NM
ECONOMICS IN EDUCATION PROJECT
FOR THE PERIOD 09/01/89 THROUGH 08/31/90
MIL EDUC CURRIC & INSTR | (133-N853) | 49,596.00 |
| 12. | LYNDE AND HARRY BRADLEY FOUNDATION
#823.9
MILWAUKEE, WI
THE CREAM CITY REVIEW
FOR THE PERIOD 06/01/89 THROUGH 05/31/92
MIL L&S ENGLISH | (133-P178) | 5,000.00 |
| 13. | TEXAS A & M UNIVERSITY (P/C CARNEGIE FOUNDATION)
COLLEGE STATION, TX
LEARN/TEACH - CARNEGIE LIBERAL ARTS
FOR THE PERIOD 03/10/89 THROUGH 06/30/90
AWARD # CHECK NO. 802834
MIL EDUC ADMINISTRATION | (133-P245) | 2,500.00 |
| 14. | WERNER AND JERMAINE BUCHEL FOUNDATION
MEQUON, MI
SCHOLARSHIP DONATION TO THE P.T.T.P.
MIL F ARTS THEATRE & DANCE PTPP | (133-P694) | 1,000.00 |
| 15. | OPERATIVE LAPAROSCOPY AND HYSTEROSCOPY WITH
KTP LASER
FOR THE PERIOD 10/13/89 THROUGH 10/15/89
MIL ADM AF ENVIRONMT | (133-P946) | |
| | 250.00 ST. MARY'S HOSPITAL
MILWAUKEE, WI
90-116-NM | | |
| | 400.00 ST. MARY'S HOSPITAL
C/O CHARLES KOH
MILWAUKEE, WI
90-116-NM | | |
| | | | 650.00 |
| 16. | SAVE OUR SECURITY EDUCATION FUND
WASHINGTON, D. C.
IN SUPPORT OF SAVE OUR SECURITY WORKSHOP AND
RELATED ACTIVITIES FOR TEACHERS IN WISCONSIN
MIL L&S ECONOMIC EDUC | (133-P989) | 10,000.00 |
| 17. | AMERICAN INSTITUTE OF ARCHITECTS
WASHINGTON, DC
90-151-NM
HEALTH CARE ENVIRONMENTS FACILITY DESIGN STUDIO
FOR THE PERIOD 10/01/89 THROUGH 10/31/89
MIL ARC&UP ARCH&U P RES CTR | (133-Q002) | 3,500.00 |

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

18. WISCONSIN ECONOMIC EDUCATION COUNCIL
MILWAUKEE, WI
90-019-LK
IN SUPPORT OF ECONOMIC EDUCATION PROGRAM
DEVELOPMENT AND OTHER RELATED ACTIVITY.
MIL L&S ECONOMIC EDUC (133-4849) 1,000.00
19. UWM FOUNDATION
(#516)
MILWAUKEE, WI
EVAN & MARION HELFAER PROFESSORSHIP IN THE UWM
SCHOOL OF BUSINESS ADMINISTRATION
MIL BUS AD MGMNT RESRCH CTR MGT RES CT (133-9413) 3,790.00

MISCELLANEOUS

1. WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION
MADISON, WI
89-493-NM
PRIME CONTRACTOR WITH AGRIC
SUMMER FOOD SERVICE PROGRAM PRE COLLEGE CENTER
FOR THE PERIOD 06-30-89 THROUGH 08-11-89
MIL AC AFF PRE-COLLEGE CTR (144-BC97) 5,234.08
2. UWM FOUNDATION (FM90-FRIENDS)
MILWAUKEE, WI
CHAIRMAN'S DISCRETIONARY ACCOUNT
MIL L&S WUWM ADMIN-GEN (133-C622) 36,610.00
3. UWM FOUNDATION (EMILY R. SCHER MEMORIAL FUND)
MILWAUKEE, WI
SUPPORT FOR THE UWM LIBRARY COLLECTIONS AND WORK
ON THE EMILY SCHER PROJECT
MIL LIBR LIBRARY (133-J664) 5,000.00
4. HIGHER EDUCATION CABLE CONSORTIUM
MILWAUKEE, WI
OPERATION OF A TV HEADEND/PLAYBACK FACILITY FOR
HECC
FOR THE PERIOD 08/16/88 THROUGH 08/15/89
MIL ED COM PROJECTS SP P2-HECC (133-L344) 140.60
5. UWM FOUNDATION
ACCT. 245.5
MILWAUKEE, WI
INTERNATIONAL DESIGN COMPETITION
FOR THE PERIOD 06/01/87 THROUGH 06/30/99
MIL ARC&UP ADMINISTRATION ADMIN (133-L783) 12,000.00
6. PLANNING AND DESIGN INSTITUTE
MILWAUKEE, WI
90-1140NM
LAKEFRONT TERRACE FUNDRAISING PROJECT
FOR THE PERIOD 03/10/89 THROUGH 12/31/89
MIL ARC&UP ARCH&U P RES CTR (133-P097) 15,000.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

MISCELLANEOUS

7. UWM FOUNDATION
MILWAUKEE, WI
SUPPORT OF UWM ORCHESTRA
MIL F ARTS MUSIC ORCHESTRA (133-P935) 1,242.00
8. UWM FOUNDATION
MILWAUKEE, WI
SUPPORT FOR UWM ATHLETICS MEN'S SOCCER PROGRAM
MIL STU AF INTRCOL ATHL-MEN SOCCER (133-P945) 2,175.00

PHYSICAL PLANT

1. EDUCATION, DEPT. OF
CHICAGO, IL
INTEREST SUBSIDY GRANT FOR CONSTRUCTION OF
ENGINEERING AND MATHEMATICAL SCIENCES BUILDING
FOR THE PERIOD 02-19-71 THROUGH 09-15-90
AWARD # 4-5-00347-0
MIL ADM AF ASST CHAN OFFICE (144-H016) 45,420.00

RESEARCH

1. ALLIED-SIGNAL AEROSPACE CO.
TEMPE, ARIZONA
WISCONSIN DISTINGUISHED PROFESSORSHIP
(182-B-19-6500)
MIL ENG&AS MECHANICAL ENGR 8,500.00
2. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
89-547-NM
NEUROENDOCRINE REGULATION OF GROWTH-SUPPLEMENT
FOR MINORITY INVESTIGATOR
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 3 R01 DK38324-02S1
MIL A H P HEALTH SCIENCES (144-BH25) 42,391.00
3. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
87-465-NM
INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FELLOW-
SHIP - FACTORS AFFECTING PREPARATION FOR NURSING
HOME RELOCATION
FOR THE PERIOD 09-15-89 THROUGH 09-14-90
AWARD # 5 F31 NRO6233-02
MIL NURS HLTH RESTORATION (144-BG80) 12,500.00
4. DHHS, PHS
NATIONAL INSTITUTE OF ALCOHOL ABUSE AND
ALCOHOLISM
BETHESDA, MD 20516
89-481-LK
THE EFFICACY OF BRIEF INTERVENTION WITH PROBLEM
DRINKERS
FOR THE PERIOD 09-30-89 THROUGH 08-31-90
AWARD # 1 U10 AA08442-01
MIL S WELF SOCIAL WELFARE SOC W-GEN (144-BH71) 217,000.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

5. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
90-052-NM
ETHNOGRAPHY OF THERAPEUTIC PROCESS IN
RELIGIOUS HEALING
FOR THE PERIOD 09-30-89 THROUGH 08-31-90
AWARD # 2 RO1 MH40473-04
MIL L&S ANTHROPOLOGY ANTHROPOL (144-BH45) 113,581.00
6. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MARYLAND
IN SUPPORT OF THE FOLLOWING:
- 1) EFFECTS OF RECBCD GENES ON PLASMID REPLICATION
FOR THE PERIOD 04-01-89 THROUGH 08-31-89
AWARD # 1 R15 GM42002-01
MIL L&S BIOLOGICAL SCI (144-AY12) 94,610.00-
- 2) NEUROENDOCRINE REGULATION OF GROWTH
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 RO1 DK38324-02
MIL A H P HEALTH SCIENCES (144-BG78) 74,958.00
- 3) NATIONAL RESEARCH SERVICE FELLOWSHIP-ANALYSIS
OF OUTCOME INDICATORS IN HOME HEALTH CARE
FOR THE PERIOD 09-25-89 THROUGH 09-24-90
AWARD # 1 F31 NRO6289-01A1
MIL NURS ADMIN DEAN (144-BH44) 12,500.00
7. DOD, AIR FORCE
GRIFFISS AIR FORCE BASE, NY
90-038-NM
MICROFORCES IN ELECTROMIGRATION
FOR THE PERIOD 09-05-89 THROUGH 05-21-92
AWARD # F30602-89-C-0211
MIL L&S PHYSICS (144-BH22) 5,000.00
8. DOD, ARMY
CHAMPAIGN, IL
90-109-NM
RESEARCH AND DEVELOPMENT PROGRAM FOR ASBESTOS
ABATEMENT - IPA
FOR THE PERIOD 09-21-89 THROUGH 09-20-90
MIL ARC&UP ADMINISTRATION ADMIN (144-BH63) 37,186.25
9. UNIVERSITY CITY SCIENCE CENTER
PHILADELPHIA, PA
90-108-NM
PRIME CONTRACTOR WITH DOE
ENERGY ANALYSIS AND DIAGNOSTIC CENTER
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # MODIFICATION TWO
MIL ENG&AS IND & SYSTS ENGR (144-AA83) 98,675.00
10. NATIONAL SCIENCE FOUNDATION
WASHINGTON, D. C.
89-224-NM
THE MOLECULAR BASIS OF REGULATION OF GLOBIN
SYNTHESIS IN AN INSECT
FOR THE PERIOD 11-01-89 THROUGH 04-30-91
AWARD # DCB-8904772
MIL L&S BIOLOGICAL SCI (144-BG48) 84,072.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

- | | | | |
|-----|--|------------|-----------|
| 11. | WISCONSIN SOCIETY FOR JEWISH LEARNING
MILWAUKEE, WI
90-098-NM
JUDEAO-ARABIC DICTIONARY
AWARD # CHECK NO. 1212
MIL L&S HEBREW STU | (133-A455) | 1,000.00 |
| 12. | WISCONSIN SOCIETY FOR JEWISH LEARNING
MILWAUKEE, WI
90-099-NM
TARGRUN BIBLIOGRAPHY VOLUME III
FOR THE PERIOD 09/15/89 THROUGH 08/31/90
AWARD # CHECK NO. 1212
MIL L&S HEBREW STU | (133-C663) | 1,000.00 |
| 13. | RUEKERT & MIELKE
WAUKESHA, WI
90-106-NM
ARCHAEOLOGICAL SURVEY OF A SEWER ROUTE NEAR
HARTFORD AND RUBICON, WISCONSIN
AWARD # CHECK NO. 099941
MIL L&S ANTHROPOLOGY | (133-E567) | 1,133.00 |
| 14. | W.H. BRADY COMPANY
THIN FILMS
MILWAUKEE, WI
CONSULTATION AND ANALYSIS DURING THE QUARTER
APRIL - JUNE 1989
FOR PERIOD 07/01/87 THROUGH 09/30/99
AWARD # P.O. 9254
MIL GRAD LAB FOR SURF STU | (133-E596) | 1,500.00 |
| 15. | UWM FOUNDATION #842.0
MILWAUKEE, WI
SOUTHEAST WISCONSIN ARCHAEOLOGY RESEARCH
MIL L&S ANTHROPOLOGY. | (133-G403) | 900.00 |
| 16. | UWM FOUNDATION, #258
MILWAUKEE, WI
JERRY LEER ACCOUNTING FUND
MIL BUS AD MGMNT RESRCH CTR MGT RES CT | (133-G426) | 11,900.00 |
| 17. | UWM FOUNDATION
ACCT. #256
MILWAUKEE, WI
STRATEGIC MANAGEMENT AND BUSINESS POLICY
MIL BUS AD MGMNT RESRCH CTR MGT RES CT | (133-L714) | 72,230.00 |
| 18. | KELCH CORPORATION
CEDARBURG, WI
DISCRETIONARY RESEARCH IN ALUMINUM ALLOYS
AWARD # CK. #38720
MIL ENG&AS MATERIALS | (133-M226) | 5,000.00 |
| 19. | RTE
WAUKESHA, WI
89-063-NM
FINITE ELEMENT TECHNIQUES IN THE MODELING
OF TRANSFORMERS
FOR THE PERIOD 09/01/88 THROUGH 06/30/89
MIL ENG&AS ELEC ENGR&COMP S ELEC ENGR& | (133-N381) | 14,255.00 |

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

20.	UWM FOUNDATION (WIS PUB SERV CORP) ACCOUNT NO. 363 MILWAUKEE, WI CENTER FOR BY-PRODUCTS UTILIZATION MIL ENG&AS CIVIL ENGINEER'G	(133-N999)	20,000.00
21.	PLANNING AND DESIGN INSTITUTE MILWAUKEE, WI URBAN DESIGN FOR SUSSEX FOR THE PERIOD 03/07/89 THROUGH 12/31/89 MIL ARC&UP ARCH&U P RES CTR	(133-PO36)	12,500.00
22.	SQUARE D COMPANY MILWAUKEE, WI VIBRATION TESTING OF EQUIPMENT MIL ENG&AS CIVIL ENGINEER'G	(133-P193)	368.50
23.	PLANNING AND DESIGN INSTITUTE MILWAUKEE, WI 90-090-NM WATERFRONT MASTER PLAN FOR THE PERIOD 05/17/89 THROUGH 12/31/89 MIL ARC&UP ARCH&U P RES CTR	(133-P285)	10,000.00
24.	HELEN D. BADER MILWAUKEE, WI 90-059-NM PLANNING AND DESIGN OF MICRO-ENVIRONMENTS FOR PEOPLE WITH DEMENTIA FOR THE PERIOD OF 09/01/89 THROUGH 08/31/90 AWARD # CHECK NO. 2758 MIL ARC&UP ARCH&U P RES CTR	(133-P907)	13,029.00
25.	SIGMA THETA TAU INTERNATIONAL INDIANAPOSIS, IN 90-060-NM PREDICTORS OF PSYCHOLOGICAL WELL-BEING DURING PREGNANCY FOR THE PERIOD 07/01/89 THROUGH 06/30/90 AWARD # CHECK NO. 23121 MIL NURS FNDRNS OF NURS'G FNDR NURS'	(133-P908)	3,000.00
26.	EATON CORPORATION MILWAUKEE, WI 90-103-LK MICROWAVE MEASUREMENT MIL ENG&AS ELEC ENGR&COMP S ELECT ENGR	(133-P909)	148.75
27.	IBM ALMADEN RESEARCH CENTER SAN JOSE, CA 90-034-NM RESEARCH AND DEVELOPMENT IN PHOTOELECTRON MICROSCOPY FOR THE PERIOD 10/06/89 THROUGH 09/30/90 AWARD # IBM NO. 0394 MIL L&S PHYSICS	(133-P959)	35,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

28.	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 MIL GRAD GT LKS ST, CTR F	(133-Q004)	10,166.00
29.	BEAM OVER PIPE COLUMN TEST MIL ENG&AS CIVIL ENGINEER'G	(133-9372)	
	720.00	KELLY COMPANY, INC. MILWAUKEE, WI	
	3,500.00	COMPUTERIZED STRUCTURAL DESIGN MILWAUKEE, WI	
	2,000.00	COMPUTERIZED STRUCTURAL DESIGN MILWAUKEE, WI	
			6,220.00

STUDENT AID

1.	1988/89 STUDENT ASSOCIATION UW-MILWAUKEE MILWAUKEE, WI UWM EMERGENCY STUDENT LOAN FUND MIL STU AF FINANCIAL AID ST LN-NDSL		626.79
2.	EDUCATION, DEPT OF WASHINGTON, D. C. 89-512-NM IN SUPPORT OF THE FOLLOWING:		
1)	GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED FELLOWSHIPS IN PHYSICS FOR THE PERIOD 01-01-90 THROUGH 12-31-90 AWARD # P200A80243-89 MIL L&S PHYSICS	(144-BH24)	100,000.00
2)	PELL GRANT ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-88 THROUGH 06-30-90 AWARD # P063R87122 MIL STU AF FINANCIAL AID PROV'L&SUP	(144-Z665)	585.00
3.	DHHS, OFFICE OF HUMAN DEVELOPMENT SERVICES CHICAGO, IL 89-264-NM MINORITY CHILD WELFARE TRAINEESHIPS FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # 05CT8072/01 MIL S WELF SOCIAL WELFARE SOC W-GEN	(144-BH23)	25,000.00
4.	UWM FOUNDATION - #418.1 MILWAUKEE, WI TRANSFER OF FUNDS EARNED AS INTEREST ON UWM FOUNDATION ACCOUNT #418.1 (LAYTON) TO BE USED FOR STUDENT SUPPORT. MIL F ARTS ADMINISTRATION ADMIN	(133-H176)	35,840.63

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

STUDENT AID

5.	ST. MARY'S HOSPITAL MILWAUKEE, WI INTERNSHIP IN HEALTH SCIENCES LIBRARIANSHIP FOR THE PERIOD 02/01/89 THROUGH 05/31/89 MIL L&I SC SCH-LIB&INF SCI	(133-K729)	1,481.79
6.	JOHNSON CONTROLS, INC. MILWAUKEE, WI MATERIALS DEPARTMENT FELLOWSHIP MIL ENG&AS MATERIALS	(133-P125)	5,600.00
7.	JOURNAL/SENTINEL MILWAUKEE, WI 90-088-NM PROJECT ASSISTANTSHIP IN THE JOURNAL/SENTINEL NEWS INFORMATION CENTER FOR THE PERIOD 09/15/89 THROUGH 05/30/90 MIL L&I SC SCH-LIB&INF SCI	(133-P857)	7,700.00
8.	AMSTED INDUSTRIES, INC. CHICAGO, IL HIRAM WALKER SCHOLARSHIP MIL STU AF FINANCIAL AID	(133-5873)	500.00

TOTAL MILWAUKEE	1,682,328.39
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INSTRUCTION	551,069.00
MISCELLANEOUS	77,401.68
PHYSICAL PLANT	45,420.00
RESEARCH	831,103.50
STUDENT AID	177,334.21

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - EAU CLAIRE

INSTRUCTION

1. INDIANA UNIVERSITY
BLOOMINGTON, IN
COOP-MALAYSIA
FOR THE PERIOD 08-01-89 THROUGH 07-31-90
EAU ART&SC DEAN-ARTS & SCI (133-0018) 49,037.00

RESEARCH

1. WI DEPT OF TRANSPORTATION
MADISON, WI
CHIPPEWA RIVER BRIDGE AND APPROACHES NORTH
CROSSING
FOR THE PERIOD 09-21-89 THROUGH 12-31-89
AWARD # 7256-01-00
EAU ART&SC SOCIAL & ANTHROP (133-0019) 2,286.00

TOTAL EAU CLAIRE 51,323.00
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INSTRUCTION 49,037.00
RESEARCH 2,286.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - GREEN BAY

INSTRUCTION

1. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
WISCONSIN SCIENCE EDUCATION SERVICE
CENTERS NETWORK PROJECT
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # TPE-8855565
GBY ENV SC NAT APP SC (144-BG55) 25,544.00

RESEARCH

1. WI DEPT OF ADMINISTRATION
MADISON, WI
PRIME CONTRACTOR WITH COMM NOAA
PUBLIC PARTICIPATION AND GOVERNMENTAL COORDINATION
FOR REMEDIAL ACTION IN THE GREEN BAY HARBOR AREA
FOR THE PERIOD 10-03-89 THROUGH 09-30-90
AWARD # PO ADJ00357
GBY I RES LAND&WATER STUDY (144-BH85) 25,000.00

2. WI DEPT OF ADMINISTRATION
MADISON, WI
PRIME CONTRACTOR WITH COMM NOAA
PUBLIC PERCEPTIONS AND ATTITUDES TOWARD WATER
QUALITY REHABILITATION OF THE LOWER GREEN BAY
WATERSHED
FOR THE PERIOD 10-03-89 THROUGH 09-30-90
AWARD # PO ADJ00356
GBY COM SC URB & PUB AFFAIR CTR PUB AF (144-BH86) 12,140.00

3. ABBOTT LABORATORIES
NORTH CHICAGO, IL
ANAEROBIC SYSTEMS
GBY AC PRG ADMINISTRATION (133-N032) 11,169.00

4. J.M. COMPANY
MANITOWOC, WI
SOLIDIFIER DEVELOPMENT
GBY ENV SC NAT APP SC (133-P365) 1,000.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AT A TOTAL COST OF \$8,205.00
AWARD # P063R87120, MOD. 1
GBY STU SV FINANCIAL AIDS FINANCIAL (144-AK14) 1,055.00

2. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
SOURCE OF FINANCIAL AID PAYMENTS TO STUDENT
ATHLETES AT THE UNIVERSITY OF WISCONSIN-GREEN BAY
WITHIN THE GUIDELINES PRESCRIBED BY THE NATIONAL
COLLEGIATE ATHLETIC ASSOCIATION
GBY ATHL ATHLETICS - MEN (133-7213) 1,868.56

TOTAL GREEN BAY 77,776.56
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INSTRUCTION	25,544.00
RESEARCH	49,309.00
STUDENT AID	2,923.56

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - LACROSSE

EXTENSION AND PUBLIC SERVICE

1. COMMERCE, DEPT OF
WASHINGTON, DC
EQUIPMENT GRANT: PUBLIC TELECOMMUNICATIONS
FACILITIES PROGRAM
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 55-01-89078
LAC L&S MASS COMUNICATNS (144-6302) 23,928.00
2. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
ARCHAEOLOGY LECTURE SERIES
FOR THE PERIOD 08-01-89 THROUGH 05-30-90
AWARD # FY89-30L
LAC L&S SOCIOL & ANTHROP (144-8878) 1,497.00
3. KELLOGG FOUNDATION
BATTLE CREEK, MI
WELLNESS PROGRAM GRANT
FOR THE PERIOD 08-01-89 THROUGH 08-01-90
LAC H,PE&R HEALTH (133-2006) 10,000.00
4. MULTIPLE DONORS
FUNDS TO SUPPORT A CONFERENCE ON TURKEY HUNTING
FOR THE PERIOD 09-01-89 THROUGH 12-31-90
LAC L&S PSYCHOLOGY (133-7837) 12,000.00

INSTRUCTION

1. GEORGETOWN UNIVERSITY
WASHINGTON, DC
PRIME CONTRACTOR WITH AID
FUNDS FOR TEACHING CENTRAL AMERICAN STUDENTS
FOR THE PERIOD 08-01-89 THROUGH 06-30-90
AWARD # LAC-0001-A-00-8039-00
LAC EX DIV INTER EDUC OFF (144-5065) 448,000.00
2. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) FUNDS TO SUPPORT THE REFUNDING OF SCIENCE CENTERS
PROGRAM
FOR THE PERIOD 09-01-89 THROUGH 08-31-91
LAC EDUC CTR-ED PROFESSNS (144-1204) 56,105.00
 - 2) EQUIPMENT GRANT
FOR THE PERIOD 08-15-89 THROUGH 01-31-91
AWARD # ATM-8819527
LAC L&S GEOGRAPHY (144-4302) 30,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - LACROSSE

MISCELLANEOUS

1. AGRICULTURE, DEPT OF
WASHINGTON, DC
CHILD CARE MEAL SUBSIDY FOR MAY, 1989
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
LAC STU DE CHILD CARE CTR (144-0544) 761.00
2. EDUCATION, DEPT OF
WASHINGTON, DC
IN SUPPORT OF A DRUG PREVENTION PROGRAM
FOR THE PERIOD 09-17-89 THROUGH 09-30-91
AWARD # P183D90078
LAC H, PE&R HEALTH (144-2008) 17,987.00

RESEARCH

1. AGRICULTURE, DEPT OF
WASHINGTON, DC
ARCHAEOLOGICAL RESEARCH AT SILVER MOUND
FOR THE PERIOD 09-08-89 THROUGH 12-31-89
AWARD # 60-5696-9-COO12
LAC L&S SOCIOL & ANTHROP (144-8831) 2,700.00
2. DOD, ARMY
ST. PAUL DISTRICT
ARCHAEOLOGICAL RESEARCH AT STATE ROAD COULEE
FOR THE PERIOD 09-01-89 THROUGH 05-30-90
AWARD # DACW3789M1411
LAC L&S SOCIOL & ANTHROP (144-8881) 6,542.00
3. UNIVERSITY OF ILLINOIS
URBANA, IL
PRIME CONTRACTOR WITH EPA
ADDITIONAL FUNDS FOR RESEARCH ON RNA
FOR THE PERIOD 08-01-88 THROUGH 07-31-90
AWARD # CR-815285, MOD. 1
LAC L&S BIOL & MICROBIOL (144-1602) 5,414.00
4. INTER, FISH AND WILDLIFE SERVICE
WASHINGTON, DC
ARCHAEOLOGICAL SURVEY OF RED OAK ISLAND
FOR THE PERIOD 08-15-89 THROUGH 12-31-89
AWARD # 30181-01384FY89
LAC L&S SOCIOL & ANTHROP (144-8829) 2,422.00
5. CITY OF LACROSSE
LACROSSE, WI
COST/BENEFIT STUDY OF PROFESSIONAL BASEBALL
IN LACROSSE
FOR THE PERIOD 09-01-89 THROUGH 12-01-89
LAC BUS AD DEANS OFFICE DEANS OFFI (133-0120) 4,000.00
6. IBM CORPORATION
ROCHESTER, MN
A CONTRACT FOR TESTING IBM PRODUCTS
FOR THE PERIOD 07-01-89 THROUGH 12-31-89
AWARD # 631826-631829, 631857, MOD. 1
LAC L&S COMPUTER SCIENCE (133-2502) 117,819.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - LACROSSE

RESEARCH

7.	HOUSTON CO., MINNESOTA HIGHWAY DEPT HOUSTON, MN ADDITIONAL FUNDS FOR ARCHAEOLOGICAL RESEARCH AT FARLEY VILLAGE FOR THE PERIOD 08-01-89 THROUGH 12-31-89 LAC L&S SOCIOL & ANTHROP (133-8828)	8,495.00
8.	DAIRYLAND POWER COOPERATIVE ARCHAEOLOGICAL RESEARCH ON APPLE RIVER AWARD # DA8902943 LAC L&S SOCIOL & ANTHROP (133-8830)	5,800.00
9.	HOUSTON CO., MINNESOTA HIGHWAY DEPT HOUSTON, MN ARCHAEOLOGY SURVEY OF YUCATAN VALLEY FOR THE PERIOD 08-01-89 THROUGH 09-30-89 LAC L&S SOCIOL & ANTHROP (133-8879)	450.00
10.	MIDSTATE ASSOCIATES BARABOO, WI ARCHAEOLOGICAL SURVEY AT TRUMPETER VALLEY FOR THE PERIOD 08-01-89 THROUGH 08-31-89 LAC L&S SOCIOL & ANTHROP (133-8880)	4,900.00
	TOTAL LACROSSE	758,820.00 =====
	EXTENSION AND PUBLIC SERVICE	47,425.00
	INSTRUCTION	534,105.00
	MISCELLANEOUS	18,748.00
	RESEARCH	158,542.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - OSHKOSH

INSTRUCTION

1. WI DEPT OF HEALTH & SOCIAL SERVICES
OSHKOSH, WI
PRIME CONTRACTOR WITH DHHS
PROVIDES SERVICES RELATED TO LIBRARY
OPERATION AND LITERARY PROGRAMS
FOR THE PERIOD 09-05-89 THROUGH 06-30-90
OSH EDUC INSTRUCTION (144-4411) 6,020.00
2. DHHS, PUBLIC HEALTH SERVICE
ROCKVILLE, MD
BSN DEGREE COMPLETION PROGRAM RN
OUTREACH/RURAL WISCONSIN
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # PGR-J 2D10 NU25210-04
OSH NURS NURS-GRAD PROGS (144-4410) 203,590.00
3. WINNECONNE SCHOOL DISTRICT
WINNECONNE, WI
FUNDS TO PROVIDE CAREER DEVELOPMENT AND
EMPLOYABILITY TRAINING TO WINNECONNE SCHOOLS
FOR THE PERIOD 08-24-89 THROUGH 05-31-90
OSH EDUC INSTRUCTION (133-3305) 7,831.00
4. MENASHA SCHOOL DISTRICT
MENASHA, WI
FUNDS TO PROVIDE CAREER DEVELOPMENT AND
EMPLOYABILITY TRAINING TO MENASHA SCHOOLS
FOR THE PERIOD 08-28-89 THROUGH 06-15-90
OSH EDUC INSTRUCTION (133-3306) 17,243.00

MISCELLANEOUS

1. UW-FOUNDATION
OSHKOSH, WI
FUNDS VIA THE BEAMAN FUND FOR CLERICAL SUPPORT
TO THE ALUMNI OFFICE
OSH G I S DIRECTOR-ALUMNI (133-3303) 2,900.00

RESEARCH

1. UW-OSHKOSH FOUNDATION
OSHKOSH, WI
FUNDS FOR THE PURCHASE OF 3 MICROCOMPUTERS,
DEC STATION 316, AND 3 MATH COPROCESSOR CHIPS
OSH L&S PHYS-ASTRONOMY (133-3307) 10,000.00

STUDENT AID

1. WI RURAL REHABILITATION CORPORATION
MADISON, WI
FALL SEMESTER SCHOLARSHIPS FOR 4 UNDERGRADUATE
NURSING STUDENTS
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
OSH STU A RURAL REHAB GRT (133-3301) 1,476.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - OSHKOSH

STUDENT AID

2. UW-OSHKOSH FOUNDATION
OSHKOSH, WI
FUNDS PROVIDED BY VARIOUS DONORS FOR
SCHOLARSHIPS
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
OSH STU A MISC FEL & SCHOL (133-3304) 105,000.00
TOTAL OSHKOSH 354,060.00
=====

INSTRUCTION	234,684.00
MISCELLANEOUS	2,900.00
RESEARCH	10,000.00
STUDENT AID	106,476.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - PARKSIDE

GIFT-IN-KIND

1. WISCONSIN NATURAL GAS CO.
RACINE, WI
1984 IHC TRUCK
PKS G E A CHANCELLORS OFF ADMIN
2. ANNELIESE STEPPAT
SAN DIEGO, CA
SCULPTURE OF FORGED AND WELD STEEL, "TIL
ULLENSPIEGEL", ON TRIPOD LEGS WITH
JUXTAPOSITIONING PLANES OF RODS AND PIERCED
SURFACES, 28" X 15" X 63" H.
PKS LIB AR ART

MISCELLANEOUS

1. MULTIPLE DONORS
REPAIR AND MAINTENANCE OF SCIENCE DIVISION
EQUIPMENT
PKS SCI&TE DEAN'S OFF (133-H334) 100.00

RESEARCH

1. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
WISCONSIN SCIENCE EDUCATION SERVICE CENTERS
NETWORK PROJECT
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # TPE-8855565
PKS SCI&TE BIO SCI (144-BG73) 117,809.00
2. WESTERN PUBLISHING COMPANY, INC.
RACINE, WI
DEVELOPING AND IMPLEMENTING DATA ANALYSIS
FOR COOPERATIVE TEST MARKET WITH WAL-MART
PKS AC SUP SURV&MKT R (133-N074) 5,200.00
3. WISCONSIN NATURAL GAS COMPANY
RACINE, WI
A STUDY TO ASSESS RESIDENTIAL CUSTOMERS AWARENESS,
SATISFACTION AND NEEDS WITH RESPECT TO WISCONSIN
NATURAL GAS COMPANY (REDUCTION REFLECTS REDUCED
SCOPE OF WORK)
AWARD # G-53621
PKS AC SUP SURV&MKT R (133-N914) 550.00-
4. JOYCE FOUNDATION
CHICAGO, IL
TEACHING FOR EXCELLENCE IN A MULTICULTURAL
SOCIETY: ROLES AND STRATEGIES FOR CHANGE FOR THE
PERIOD 09-01-89 THRU 08-31-90
PKS G E A CHANCELLORS OFF ADMIN (133-P442) 40,495.00
5. LRL RECYCLING
RACINE, WI
RECYCLING PROGRAM AT UW-PARKSIDE FOR THE PERIOD
05-01-89 THRU 04-30-90
AWARD # 89041 00148
PKS P PLT CUSTODIAL NIGHT (133-P853) 6,240.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - PARKSIDE

RESEARCH

6.	RACINE SENIOR CENTER, INC. RACINE, WI INTEREST SURVEY, RACINE OLDER ADULTS CENTER PKS LIB AR SOC-ANTHRO	(133-P859)	1,655.00
7.	ST. CATHERINE'S HOSPITAL KENOSHA, WI ASSESS AND TRACK TRENDS IN PATIENTS' PERCEPTIONS OF THEIR STAY AT ST. CATHERINE'S HOSPITAL FOR THE PERIOD 05-15-89 THRU 05-14-90 PKS AC SUP SURV&MKT R	(133-P863)	17,490.00
8.	MILWAUKEE (CITY OF) MILWAUKEE, WI A STUDY OF THE ECONOMIC IMPACT OF THE CULTURAL INDUSTRY IN THE GREATER MILWAUKEE AREA AWARD # 89-79 (CM) PKS AC SUP SURV&MKT R	(133-P923)	27,000.00

STUDENT AID

1.	MULTIPLE DONORS DRAMATIC ARTS SCHOLARSHIP FUND PKS LIB AR DRAMA ARTS	(133-G871)	239.00
	TOTAL PARKSIDE		215,678.00 =====
	MISCELLANEOUS		100.00
	RESEARCH		215,339.00
	STUDENT AID		239.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - PLATTEVILLE

GIFT-IN-KIND

1. DATAMYTE CORP.
MINNETONKA, MN
WORKSTATIONS, DATA COLLECTORS (4), MONITORS (4),
FAN SOFTWARE LICENSE, MANUALS
PLT ENGR INDUSTRIAL ENGR
2. ANDERSEN, JOHN
VERONA, WI
COWS, 4 EACH, PUREBRED ANGUS
PLT AGRIC FARMS
3. MOBERG, DON
POTOSI, WI
12 RED PINE TREES AND 6 NORWAY SPRUCE TREES
PLT PP M&O BUILDING MAINT
4. HODGE, ELIZABETH
ST. LOUIS, MO
THOROUGHbred GELDING-DRESSAGE TRAINED
PLT AGRIC FARMS
5. WAGNER, WILLIAM
SHEBOYGAN, WI
GRAPHICS, ORIGINAL, 15 PIECES
PLT ST CTR STU CENTER OPN
6. POLYDOME, INC
LITCHFIELD, MN
6 POLYDOME CALF HUTCHES
PLT AGRIC FARMS
7. SUTTLE PRESS
WAUNAKEE, WI
OFFSET PLATE PROCESSOR, KODAK POLYMATIC
PLT B,I&C COMMUNICATIONS
8. FLAMBEAU PLASTICS
BARABOO, WI
MCDONNELL DOUGLAS COMPUTER EQUIPMENT CAD-CAM, 1,
ADS-100M, 1 A-100C
PLT ENGR DEAN-COLL ENGR
9. HLAVAC, MR. & MRS. FRANK
MCFARLAND, WI
SHAW, MR. & MRS. STAN
WEST BEND, WI
REGISTERED FEMALE ANGUS
PLT AGRIC FARMS
10. SIGMA ELECTRONICS
PETERSBURG, PA
CSG-350A MASTER SYNC GENERATOR, BSG-100 BLACK
SIGNAL GENERATOR, CBG-100 COLOR BAR GENERATOR
PLT O SVCS ED MED & A-V SVS

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - PLATTEVILLE

GIFT-IN-KIND

11. SKIL CORP.
CHICAGO, IL
MITRE SAW, MODEL #3810, CIRCULAR SAW, MODEL #5757,
RECIPROCATING SAW, MODEL #474-01
PLT B,I&C INDUSTRIAL STU
12. DAVENPORT CEMENT CO.
MIDDLETON, WI
PORTLAND CEMENT ASC PUBLICATIONS AND SOFTWARE
PLT ENGR CIVIL ENGR
13. EESCO
WOOD DALE, IL
DRYING HOPPER, WHITLOCK, MODEL DH-50M;
TEMPERATURE CONTROL UNIT, MODEL TDC-1C;
DRYING HOPPER LOADER, WHITLOCK DH-50M;
DRYER, WHITLOCK, MODEL SB-40 FRT.
PLT B,I&C INDUSTRIAL STU
14. UNIVERSITY OF WISCONSIN-PLATTEVILLE FOUNDATION
PLATTEVILLE, WI
PRINTER, LQ-1000, 2 EACH
COMPUTER SYSTEM, Z-NIX, 3 EACH
COMPUTER, IBM XT
DIGITAL POWER ANALYZER, 5 EACH
PLT ENGR ELECTRICAL ENGR

TOTAL PLATTEVILLE

.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - RIVER FALLS

STUDENT AID

1.	MULTIPLE DONORS UW-RIVER FALLS THEATRE SCHOLARSHIP (RVF) RVF ART&SC SPEECH	(TRUST)	205.00
2.	MULTIPLE DONORS UW-RIVER FALLS MUSIC SCHOLARSHIP (RVF) RVF ART&SC MUSIC	(TRUST)	2,220.00
	TOTAL RIVER FALLS		2,425.00 =====
	STUDENT AID		2,425.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

1. EDUCATION, DEPT OF
CHICAGO, IL
INDEPENDENT LIVING SKILLS EVALUATION FOR PERSONS
WITH DEVELOPMENTAL DISABILITIES MAKING THE
TRANSITION FROM SCHOOL OR INSTITUTION TO
COMMUNITY LIVING OR EMPLOYMENT
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # G058500150-89
STO ED&H S ST VOC REHAB IN INDEP LIV (144-0644) 50,069.00
2. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
VTAE PROFESSIONAL DEVELOPMENT COORDINATOR
FOR THE PERIOD 08-01-89 THROUGH 06-30-90
AWARD # 30-105-150-230
STO I&TECH CTR FOR VTAE CTR VTAE (144-0537) 35,000.00
3. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DED
OPERATION OF INDEPENDENT LIVING CENTER:
ALTERNATIVES FOR RURAL SEVERELY DISABLED PERSONS
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # 9471-2-B-90
STO ED&H S ST VOC REHAB IN INDEP LIV (144-0631) 199,760.00
4. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DED
DVR CONTRACT: PROGRAM FOR INDEPENDENT LIVING
(PART A) CONTINUATION
FOR THE PERIOD 09-27-89 THROUGH 09-26-90
STO ED&H S ST VOC REHAB IN INDEP LIV (144-0643) 6,904.00
5. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DED
EXTENSION OF PROJECTS WITH INDUSTRY CONTRACT
IN THE EAU CLAIRE AREA
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
STO ED&H S ST VOC REHAB IN PR INDUST (144-0668) 20,000.00
6. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DED
CONTRACT WITH DVR FOR 5-DAY WORK SAMPLE
VOCATIONAL EVALUATION AND EMPLOYMENT
READINESS TRAINING
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
STO ED&H S ST VOC REHAB IN VOC DEV C (144-0838) 180,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

1. DUPONT - IMAGING SYSTEMS DEPARTMENT
WILMINGTON, DE
GIFT OF SPECIALTY DUPONT COLOR KIT FOR MIXING
CROMALIN TONERS TO MATCH PMS INK SYSTEM COLORS.
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
2. PRANGLES
ALTOONA, WI
GLO-LITE ELECTRIC SIGN FOR MENUS.
STO H ECON HABITATNL RESRCS
3. UNIVERSITY OF MINNESOTA-DEPARTMENT OF ENVIROMENTAL
AND OCCUPATIONAL HEALTH
MINNEAPOLIS, MN
USE OF THE FOLLOWING EQUIPMENT AND SUPPLIES:
MAC SE HPIB INTERFACE BOARD, CALIBRATION GAS
STANDARDS, THERMOCOUPLE WIRE, AND COMPUTER
SUPPLIES.
STO LIB ST CHEMISTRY
4. BEATRICE-HUNT WESSON-SWISS MISS DIVISION
MENOMONIE, WI
GIFT OF "SALMONELLA ANTISERA, BAIRD-PARKER AGAR
BASE, EY-TELLURITE ENRICHMENT, AND ROCHE
DIAGNOSTICS-ENTEROTUBES".
STO LIB ST BIOLOGY
5. WILSON HURD
WAUSAU, WI
DEC PDP 11-44 COMPUTER SYSTEM, DEC LP25 LINE
PRINTER
STO I&TECH ENERGY & TRANSP
6. ALMA'S
MENOMONIE, WI
SIX CERTIFICATES GOOD FOR A VARIETY OF
PROFESSIONAL SERVICES.
STO H ECON APPAREL, TEX&DES
7. DS AMERICA, INC.
ROLLING MEADOWS, RI
DENSITOMETER, FLASH LAMP FILTER, AND FILTER
HOLDER FOR DS COMPANICA MODEL C-680-B CAMERA
(REPLACEMENT PARTS).
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
8. HASBRO, INC.
PAWTUCKET, R.I.
SIXTY-FOUR TOYS SUITABLE FOR CHILDREN 1 1/2
YEARS AND UP FOR USE IN THE PLAY THERAPY
LABORATORY.
STO ED&H S PSYCHOLOGY
9. NOVELL, INC.
PROVO, UT
NOVELL SOFTWARE GRANT CONSISTING OF 883-000639-001
SOFTWARE KIT 3-1/2 MED., V2.15 AND 883-000585-001
NW FOR MACINTOSH.
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

10. PRECISION SCREEN MACHINES, INC.
HAWTHORNE, NJ
GIFT OF SCREEN PRINTING INK.
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
11. DUPONT - IMAGING SYSTEMS
WILMINGTON, DE
TWELVE ROLLS PHOTOTYPESETTING PAPER, 8" X 150'
AND ONE BOX BLO-4 BRIGHT LIGHT DUPLICATING FILM.
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
12. VIDEO TRAINING RESOURCES, INC.
EDINA, MN
"TRAIN THE TRAINER" VIDEO TRAINING SERIES, EIGHT
TAPES.
STO I&TECH IND & MARKETG ED
13. 3M, PRINTING/PUBLISHING DIVISION
ST. PAUL, MN
FILM DEVELOPER, COLOR PROOFING DEVELOPER AND
PRINTING PLATES OF VARIOUS SIZES FOR OUR PRESSES.
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C

INSTRUCTION

1. LAND O'LAKES, INC
MINNEAPOLIS, MN
GIFT OF FUNDS FOR SCHOLARSHIPS AND TRAVEL
FOR LOGISTICS STUDENTS AND STAFF
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
STO I&TECH ENERGY & TRANSP (133-0501) 3,000.00
2. TAPPI, MINNEAPOLIS SECTION
MINNEAPOLIS, MN
FUNDS TO PURCHASE ACCESSORIES FOR PACKAGING
TESTING MACHINES AND SUPPLEMENT FIELD TRIP
EXPENSES
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
STO I&TECH MATLS & PROCS'S PACKG PROG (133-0583) 500.00
3. FLINT PRINTING COMPANY
MENOMONIE, WI
FUNDS TO PURCHASE HARDWARE AND SOFTWARE FOR
THE ENGLISH DEPARTMENT
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
STO LIB ST ENGLISH (133-0706) 410.00

MISCELLANEOUS

1. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
STUDENT ARTIST-IN-RESIDENCE PROGRAM
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
STO LIB ST ART PROGRAM DIR (133-0391) 2,650.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - STOUT

RESEARCH

1. WI DEPT OF PUBLIC INSTRUCTION		
MADISON, WI		
PRIME CONTRACTOR WITH DED		
FUNDS FOR DEVELOPING A COORDINATED CHILD		
SERVICES ARTICULATION MODEL		
FOR THE PERIOD 09-13-89 THROUGH 06-30-90		
AWARD # O-02289 WL192		
STO H ECON HUMAN DEVELOPMNT HUMAN DEV	(144-0826)	25,603.00
	TOTAL STOUT	523,896.00
		=====
EXTENSION AND PUBLIC SERVICE	491,733.00	
INSTRUCTION	3,910.00	
MISCELLANEOUS	2,650.00	
RESEARCH	25,603.00	

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - SUPERIOR

RESEARCH

1.	DOD, ARMY ST. PAUL, MN BIOASSESSMENT STUDY FOR THE PERIOD 04-01-89 THROUGH 07-30-89 AWARD # DAC W37-89-M-0669 SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0434)	15,500.00
2.	ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:	
1)	SEDIMENT-ASSOCIATED POLLUTANTS AT SELECTED GREAT LAKES SITES AND THEIR EFFECTS UPON BIOTA FOR THE PERIOD 09-25-89 THROUGH 09-24-90 AWARD # CR-815232-02-0 SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0433)	75,000.00
2)	FISH POPULATION CHANGES AND THE MECHANISMS ASSOCIATED WITH CHANGE IN AN ACIDIFIED LAKE FOR THE PERIOD 05-01-88 THROUGH 04-30-90 AWARD # CR-814929-01-3, MOD. 3 SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0435)	79,624.00
3)	ANALYTICAL METHODOLOGIES FOR THE CHARACTERIZATION OF METABOLITES OF AROMATIC AMINES IN FISH FOR THE PERIOD 05-11-89 THROUGH 05-10-90 AWARD # CR-813844-02-1, MOD. 1 SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0436)	12,169.00
3.	MIDWEST ENERGY RESOURCE COMPANY SUPERIOR, WI MIDWEST ENERGY RESOURCES AIR MONITORING PROGRAM FOR THE PERIOD 05-01-89 THROUGH 04-30-90 SUP U RES CTR-L SUP ENV ST CTR-LS E S (133-0432)	3,881.20
	TOTAL SUPERIOR	186,174.20 =====
	RESEARCH	186,174.20

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - WHITEWATER

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN ARTS BOARD
MADISON, WI
PRIME CONTRACTOR WITH NEA
PERFORMING ARTS SERIES
FOR THE PERIOD 07-09-89 THROUGH 06-30-90
AWARD # LTR DTD 08-07-89
WTW SFS-OA SEG FEE S-ORG A SEG FEE SD (144-1293) 12,500.00
2. ARTS MIDWEST
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
BALLET HISPANICO
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # LTR DTD 05-09-89
WTW SFS-OA SEG FEE S-ORG A SEG FEE SD (144-1290) 2,430.00
3. ARTS MIDWEST
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
JAZZ BIG BAND
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # LTR DTD 05-09-89
WTW SFS-OA SEG FEE S-ORG A SEG FEE SD (144-1291) 1,013.00
4. ARTS MIDWEST
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
PAN ASIAN PERFORMANCE
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # LTR DTD 05-09-89
WTW SFS-OA SEG FEE S-ORG A SEG FEE SD (144-1292) 1,755.00

GIFT-IN-KIND

1. CASTOLLOY CORPORATION
WAUKESHA, WI
2,000 POUNDS OF WEIGHTS
WTW G E A ACAD SUPPORT SVS

TOTAL WHITEWATER 17,698.00
=====

EXTENSION AND PUBLIC SERVICE 17,698.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. SHEBOYGAN MEMORIAL HOSPITAL
SHEBOYGAN, WI
VARIOUS LABORATORY SUPPLIES (PLASTIC BOTTLES,
CENTRIFUGE TUBES, SEPARATORY FUNNELS, TEST
DISHES)
CNS SHEBOY CHEMISTRY
2. MS. ADA JACKSON
SARATOGA, WY
ONE COPY OF THE FLUTED AXE BY GALE V. HIGHSMITH,
PALMER PUBLICATIONS, 1985.
CNS MANIT LIBRARY LIB ACQUIS
3. MS. SHIRLEY ANDERS
APPLETON, WI
ONE VOLUME: THE BUS HOME
CNS FOX VA LIBRARY LIB ACQUIS
4. MR. ROY KUEHN
MENASHA, WI
25 VOLUMES
CNS FOX VA LIBRARY LIB ACQUIS
5. AT&T
ITASCA, IL
EQUIPMENT TO IMPLEMENT UW CENTERSNET, A
COMPREHENSIVE INSTRUCTIONAL TELECOMMUNICATIONS
NETWORK THAT WILL LINK THE 13 CENTERS, THE UW
CENTERS CENTRAL OFFICE, UW STEVENS POINT, UW
MADISON AND UW MILWAUKEE.
CNS CNS AD CHANC OFFICE ADMIN

INSTRUCTION

1. GEORGETOWN UNIVERSITY
WASHINGTON, DC
PRIME CONTRACTOR WITH AID
CENTRAL AMERICAN SCHOLARSHIP PROGRAM
FOR THE PERIOD 08-23-88 THROUGH 05-16-90
AT A TOTAL COST OF \$336,000.00
AWARD # AGR DTD 07-13-88
CNS MARIN (144-AL64) 144,000.00
2. GEORGETOWN UNIVERSITY
WASHINGTON, DC
PRIME CONTRACTOR WITH AID
CENTRAL AMERICAN SCHOLARSHIP PROGRAM (CASP)
CYCLE F
FOR THE PERIOD 08-01-89 THROUGH 07-31-90
AWARD # RX2050-810J
CNS RICH LRN SKILLS (144-BF08) 192,000.00
3. JUSTICE, DEPT OF
OXFORD, WI
COLLEGE LEVEL INSTRUCTION FOR FY 90
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # 124C-0335-0
CNS B-SAUK (144-BH43) 47,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

MISCELLANEOUS

1.	MULTIPLE DONORS UWC-MARSHFIELD/WOOD COUNTY-LECTURE FINE ARTS CNS MARSH STUDENT AFFAIRS LECT & F A (133-L040)	2,125.00
2.	COMMUNICATIONS SATELLITE CORPORATION WASHINGTON, DC LAIRD FINE ARTS FUND CNS MARSH COMMUNICATN ARTS (133-L337)	1,000.00
3.	MULTIPLE DONORS DRAMA DONOR FUND CNS MARSH STUDENT AFFAIRS DRAMA PROD (133-L410)	375.00
4.	WASHINGTON COUNTY MEDICAL SOCIETY WEST BEND, WI CADAVER PURCHASE CNS WASH BIOLOGY (133-M110)	550.00
5.	MULTIPLE DONORS THEATRE PROGRAM CNS MARIN STUDENT AFFAIRS DRAMA PROD (133-N092)	60.00
6.	MULTIPLE DONORS WOOD COUNTY SYMPHONY CNS MARSH STUDENT AFFAIRS WOOD SYMPH (133-P173)	15.00
7.	WISCONSIN ARTS BOARD MADISON, WI PERFORMING ARTS SERIES FOR THE PERIOD 09-22-89 THRU 04-20-90 CNS MARSH STUDENT AFFAIRS LECT & F A (133-P902)	2,500.00

RESEARCH

1.	WISCONSIN ARTS BOARD MADISON, WI 1989-90 PERFORMING ARTS SERIES FOR THE PERIOD 07-01-89 THRU 06-30-90 CNS FOX VA STUDENT AFFAIRS LECT & F A (133-P934)	1,500.00
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STUDENT AID

1.	PROCEEDS FROM MISC. INVESTMENTS KOHL, EDWIN P. MEMORIAL LOAN FUND (CNS) CNS MARSH STUDENT AFFAIRS FELL & SCH (TRUST)	140.00
2.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AT A TOTAL COST OF \$13,930.00 AWARD # P063R87118, MOD. 1 CNS CNS AD STUDENT SERVICES ST FIN AID (144-AK15)	840.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

STUDENT AID

3.	SCHOLARSHIPS ACCOUNT			
	CNS MANIT STUDENT AFFAIRS FELL & SCH (133-N932)			
	600.00 UNIVERSITY OF WISCONSIN CENTER-MANITOWOC COUNTY FOUNDATION			
	500.00 MANITOWOC, WI HOLY NAME FAMILY MEDICAL CENTER			
	500.00 MANITOWOC, WI MULTIPLE DONORS			
				1,600.00
4.	MULTIPLE DONORS			
	CAMPUS STUDENT SCHOLARSHIPS			
	CNS B-SAUK STUDENT AFFAIRS FELL & SCH (133-P347)			525.00
5.	MULTIPLE DONORS			
	SCHOLARSHIPS			
	CNS RICH STUDENT AFFAIRS FELL & SCH (133-P662)			350.00
6.	FOND DU LAC UNIVERSITY OF WISCONSIN CENTER FOUNDATION, INC.			
	FOND DU LAC, WI			
	SCHOLARSHIPS			
	CNS FD LAC STUDENT AFFAIRS FELL & SCH (133-P722)			2,050.00
7.	KELLOGG (W K) FOUNDATION			
	BATTLE CREEK, MI			
	KELLOGG NATIONAL FELLOWSHIP FOR THE PERIOD			
	08-01-89 THRU 07-31-92			
	CNS SHEBOY ADMINISTRATION PRF DEV (133-P856)			66,000.00
	TOTAL CENTER SYSTEM			462,630.00
				=====
	INSTRUCTION	383,000.00		
	MISCELLANEOUS	6,625.00		
	RESEARCH	1,500.00		
	STUDENT AID	71,505.00		

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. COMMERCE, DEPT OF
WASHINGTON, DC
NTIA'S PUBLIC TELECOMMUNICATIONS FACILITIES
PROGRAM GRANT
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 55-02-89242
EXT TELCOM WHA TELEVISION WHA TV PRD (144-BG94) 150,000.00

2. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
DELINEATING WELLHEAD PROTECTION AREAS IN
FRACTURED ROCKS
FOR THE PERIOD 10-01-88 THROUGH 12-31-89
AT A TOTAL COST OF \$139,356.00
AWARD # CX-815386-01-0, MOD. 1
EXT G&NH S WIS GEOL&NAT HST W G&N HIST (144-AP98) 11,143.00

3. INTER, FISH AND WILDLIFE SERVICE
WASHINGTON, DC
CANADA GOOSE EDUCATIONAL MATERIALS
FOR THE PERIOD 09-29-89 THROUGH 09-30-90
AWARD # 14-16-0009-89-985
EXT COOP E COM,N RSRC&EC DV C,N R& E D (144-BH32) 12,000.00

4. FY 89 PROGRAM UNDERWRITING
EXT TELCOM WHA TELEVISION (133-M807)

2,750.00	CHRIS KERWIN ANTIQUES AND INTERIORS MADISON, WI	
3,250.00	FOUR STAR FICTION AND VIDEO MADISON, WI	
4,400.00	GTE CARMEL, IN	
1,000.00	HEMISPHERIC TRAVEL SUN PRAIRIE, WI	
4,000.00	STOUGHTON TRAILERS STOUGHTON, WI	
500.00	RHAPSODY, LTD. MADISON, WI	
7,500.00	SWISS COLONY MONROE, WI	
		23,400.00

5. WISCONSIN EXTENSION HOMEMAKERS COUNCIL, INC.
WAUTOMA, WI
SUPPORT OF FCL PROJECT
EXT COOP E FAMILY LIV'G ED FAM LIVNG (133-N307) 2,500.00

6. WAUKESHA COUNTY
WAUKESHA, WI
PARTIAL MAINTENANCE OF THE EXTENSION COMMUNITY
RESOURCE DEVELOPMENT AND RECREATION PROGRAM
FOR THE PERIOD 02-01-88 THRU 06-30-89 (REDUCTION
REFLECTS REDUCED SCOPE OF WORK)
EXT COOP E CO&AREA OFC-S E (133-N542) 11,230.00-

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

7. WASHBURN COUNTY
SPOONER, WI
PARTIAL SERVICES OF A HOME ECONOMIST/4-H YOUTH
AGENT AND A 4-H YOUTH/HORT/AG AGENT FOR THE
PERIOD 08-01-88 THRU 06-30-89 (REDUCTION REFLECTS
REDUCED SCOPE OF WORK)
EXT COOP E C&AREA OFC-NORTH (133-N556) 3,311.37-
8. EISNER (WILLIAM) & ASSOCIATES, INC.
MILWAUKEE, WI
YARD WASTE RECYCLING AND REDUCTION EDUCATION
PROGRAM FOR THE PERIOD 05-01-89 THRU 04-30-90
EXT COOP E CO&AREA OFC-S E (133-P282) 75,000.00
9. RUSK COUNTY
LADYSMITH, WI
SERVICES OF A FULLTIME HOME ECONOMIST, 4-H AGENT
AND AGRICULTURE AGENT FOR THE PERIOD 07-01-89
THROUGH 06-30-90
EXT COOP E C&AREA OFC-NORTH (133-P305) 11,560.00
10. TWO COUNTY SUPPORT FOR SHARED HOME ECONOMIST FOR
THE PERIOD 07-01-89 THRU 06-30-90
EXT COOP E CO&AREA OFC-WEST (133-P321)
- 10,561.00 TREMPEALEAU COUNTY EXTENSION
WHITEHALL, WI
9,965.00 JACKSON COUNTY
BLACK RIVER FALLS, WI
- 20,526.00
11. PEPIN COUNTY
DURAND, WI
COUNTY SUPPORT FOR 4-H YOUTH AGENT FOR THE PERIOD
07-01-89 THRU 06-30-90
EXT COOP E CO&AREA OFC-WEST (133-P322) 15,475.00
12. CORPORATION FOR PUBLIC BROADCASTING
WASHINGTON, DC
FOLLOW-UP STUDY FOR AUDIO MARKETING APPROACHES
FOR THE PERIOD 09-28-89 THRU 07-12-90
AWARD # 1812/25249
EXT TELCOM WHA RADIO (133-P861) 19,864.00
13. POLK COUNTY
BALSAM LAKE, WI
COUNTY SUPPORT FOR EXTENSION AGENTS FOR THE
PERIOD 10-01-89 THRU 06-30-90
EXT COOP E CO&AREA OFC-WEST (133-P862) 20,456.00
14. DOUGLAS COUNTY EXTENSION OFFICE
SUPERIOR, WI
SERVICES OF A FULLTIME HOME ECONOMIST, RESOURCE
AGENT AND A 4-H AGENT FOR THE PERIOD 10-01-89 THRU
06-30-90
EXT COOP E C&AREA OFC-NORTH (133-P910) 27,140.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

15.	CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC FISCAL YEAR 1990 NATIONAL PROGRAM PRODUCTION AND ACQUISITION GRANT FOR THE PERIOD 10-01-89 THRU 09-30-90 AWARD # R 10200 EXT TELCOM WHA RADIO	(133-P937)	120,029.00
16.	CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC FY 90 COMMUNITY SERVICE GRANT FOR THE PERIOD 10-01-89 THRU 09-30-91 AWARD # 5221-50018 EXT TELCOM WHA TELEVISION	(133-P962)	669,391.00
17.	CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC TELEVISION INTERCONNECTION FY90 FOR THE PERIOD 10-01-89 THRU 09-30-90 EXT TELCOM WHA TELEVISION WHA TV PRG	(133-P963)	26,744.00
18.	CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC FISCAL YEAR 1990 RADIO COMMUNITY SERVICE GRANT FOR THE PERIOD 10-01-89 THRU 09-30-91 EXT TELCOM WHA RADIO	(133-P984)	323,880.00
19.	DOOR COUNTY STURGEON BAY, WI COUNTY SUPPORT FOR 4-H YOUTH AGENT - DOOR COUNTY FOR THE PERIOD 10-01-89 THRU 06-30-90 EXT COOP E CO&AREA OFC-N E	(133-P988)	17,345.00
20.	PEPIN COUNTY DURAND, WI COUNTY SUPPORT FOR AGRICULTURAL AGENT FOR PEPIN COUNTY FOR THE PERIOD 11-01-89 THRU 06-30-90 EXT COOP E CO&AREA OFC-WEST	(133-Q006)	9,439.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED SUPPORT OF EXTENSION PROGRAMS AND REL ATED EXPENSES OF THE SCHOOL OF WORKERS EXT G EXT SCH FOR WORKERS	(133-7868)	800.00

MISCELLANEOUS

1.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI WISCONSIN HUMANITIES COMMITTEE (EXT) EXT GEA SV W HUMANITIES COM	(TRUST)	5,145.00
2.	MULTIPLE DONORS ALPHA SIGMA--ESP GRANT FUND (EXT) EXT COOP E BUDGET & FIN OFF	(TRUST)	152.50

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 10, 1989

UNIVERSITY OF WISCONSIN - EXTENSION

MISCELLANEOUS

3. CITY OF MILWAUKEE COMMUNITY BLOCK GRANT
ADMINISTRATION
MILWAUKEE, WI
PRIME CONTRACTOR WITH HUD
PROJECT URBAN GREEN
FOR THE PERIOD 06-01-89 THROUGH 05-31-90
AWARD # 89-5800
EXT COOP E CO&AREA OFC-S E (144-BB18) 35,000.00

RESEARCH

1. CITY OF MILWAUKEE COMMUNITY BLOCK GRANT ADMIN
MILWAUKEE, WI
PRIME CONTRACTOR WITH HUD
SHOOTS 'N ROOTS URBAN GARDEN PROGRAM
FOR THE PERIOD 06-01-89 THROUGH 05-31-90
AWARD # 89-6600
EXT COOP E CO&AREA OFC-S E (144-BB19) 40,000.00

STUDENT AID

1. MULTIPLE DONORS
ALPHA SIGMA--EPSILON SIGMA PHI
LOAN FUND (EXT)
EXT COOP E BUDGET & FIN OFF (TRUST) 82.50

TOTAL EXTENSION 1,622,530.63
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EXTENSION AND PUBLIC SERVICE 1,542,150.63
MISCELLANEOUS 40,297.50
RESEARCH 40,000.00
STUDENT AID 82.50

NOV 10, 1989
GIFTS, GRANTS AND CONTRACTS SUMMARY
ITEMS PROCESSED 09-16-89 THROUGH 10-20-89

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTER SYSTEM	-0-	383,000	-0-	6,625	-0-	1,500	71,505	-0-	462,630
EAU CLAIRE	-0-	49,037	-0-	-0-	-0-	2,286	-0-	-0-	51,323
EXTENSION	1,542,151	-0-	-0-	40,298	-0-	40,000	83	-0-	1,622,531
GREEN BAY	-0-	25,544	-0-	-0-	-0-	49,309	2,924	-0-	77,777
LA CROSSE	47,425	534,105	-0-	18,748	-0-	158,542	-0-	-0-	758,820
MADISON	3,839	1,206,183	259,613	938,378	-0-	19,373,217	452,700	3,743	22,237,671
MILWAUKEE	-0-	551,069	-0-	77,402	45,420	831,104	177,334	-0-	1,682,328
OSHKOSH	-0-	234,684	-0-	2,900	-0-	10,000	106,476	-0-	354,060
PARKSIDE	-0-	-0-	-0-	100	-0-	215,339	239	-0-	215,678
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	2,425	-0-	2,425
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STOUT	491,733	3,910	-0-	2,650	-0-	25,603	-0-	-0-	523,896
SUPERIOR	-0-	-0-	-0-	-0-	-0-	186,174	-0-	-0-	186,174
WHITEWATER	17,698	-0-	-0-	-0-	-0-	-0-	-0-	-0-	17,698
TOTAL NOV 1989	2,102,845	2,987,532	259,613	1,087,100	45,420	20,893,073	813,685	3,743	28,193,011
PREVIOUSLY REPORTED	4,288,776	6,894,480	430,521	6,050,958	297,489	79,874,337	58,906,998	115,724	156,859,283
GRAND TOTAL	6,391,622	9,882,011	690,134	7,138,058	342,909	100,767,410	59,720,683	119,467	185,052,294
TOTAL NOV 1988	2,380,243	1,971,965	200,649	2,623,402	454,103	19,740,695	1,134,259	29,200	28,534,516
PREVIOUSLY REPORTED	2,640,399	6,110,687	433,465	3,842,824	4,550	75,760,895	54,777,158	56,689	143,626,667
GRAND TOTAL	5,020,642	8,082,652	634,114	6,466,225	458,653	95,501,590	55,911,417	85,889	172,161,183
FEDERAL TOTAL NOV 1989	707,999	2,506,836	130,000	233,675	45,420	15,544,079	177,586	-0-	19,345,594
PREVIOUSLY REPORTED	1,579,607	6,291,772	-0-	1,591,698	279,739	47,418,348	57,398,827	-0-	114,559,991
FEDERAL GRAND TOTAL	2,287,606	8,798,608	130,000	1,825,373	325,159	62,962,427	57,576,412	-0-	133,905,585
FEDERAL TOTAL NOV 1988	528,900	1,613,023	192,012	1,195,243	151,103	15,242,848	331,372	-0-	19,254,501
PREVIOUSLY REPORTED	834,921	5,476,478	-0-	971,348	-0-	49,948,777	53,429,723	-0-	110,661,247
FEDERAL GRAND TOTAL	1,363,821	7,089,501	192,012	2,166,591	151,103	65,191,625	53,761,095	-0-	129,915,748

D. UW-PLATTEVILLE:

1. 1983-85 Handicapped Accessibility Improvements
(8412-19)
 - a. General: \$ 78,000
Friede Brothers Construction Co., Inc.;
Reedsburg
 - b. Plumbing & HVAC: 8,125
H & N Plumbing and Heating, Inc.; Fennimore
 - c. Total Contract Award: \$ 86,125
2. 1989-91 Steam Condensate Line Replacement
(8907-31)
 - a. All Work: \$ 111,600
United Mechanical, Inc.; Racine

E. UW-SUPERIOR:

1. 1989 Ostrander Hall Masonry Repairs and Caulking
(8908-16)
 - a. All Work: \$ 24,800
Cliff Navis Company, Inc.; McFarland

F. UW-WHITEWATER:

1. 1989 Parking Lot No. 24 Reconstruction and
Expansion (8905-28)
 - a. General: \$ 39,290
Frank Brothers, Inc.; Janesville
 - b. Electrical: 14,998
Sta-Lite Corporation; Whitewater
 - c. Total Contract Award: \$ 54,288

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

There are none to report this month.

11/10/89

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

III-1

(A) University of Wisconsin Press Agreements:

<u>AUTHOR</u>	<u>TITLE</u>
Vimala Begley and Richard DePuma	ROME AND INDIA: The Ancient Sea Trade
Emily Schultz	PROBLEMS OF WHORFIAN POETICS
Allison Heisch	QUEEN ELIZABETH I: Political Speeches and Parliamentary Addresses, 1558-1601