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## **Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: December 6, 1985. 1985**

Madison, Wisconsin: Board of Regents of the University of Wisconsin System, 1985

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MINUTES OF THE REGULAR MEETING

12/6/85

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Madison, Wisconsin

Held in the Clarke Smith Room, 1820 Van Hise Hall  
Friday, December 6, 1985  
9:05 a.m.

- President Lawton presiding -

PRESENT: Regents Clusen, Finlayson, Fish, Grover, Hanson, Heckrodt, Knowles, Lawton, Nikolay, O'Harrow, Saunders, Schenian, Schilling, Veneman and Weinstein

ABSENT: <sup>Regent</sup> Regents Gerrard and Vattendahl

Knowles, Warren - <sup>Regent</sup> welcome to board, to complete term of his brother, Robert, p. 1

Upon motion by Regent Nikolay, seconded by Regent Veneman, the minutes of the regular meeting of the Board of Regents of the University of Wisconsin System, held on November 8, 1985, were approved as mailed to the members of the board.

Schenian, Regent John - welcome to board, to serve as first student regent, p. 1

Regents - Student - welcome to board to John Schenian, first student regent, p. 1

REPORT OF THE PRESIDENT OF THE BOARD

Welcome to New Members of the Board

Regent President Lawton welcomed to the board Regent Warren Knowles, former Governor of Wisconsin, who had been appointed to complete the term of his brother, Robert; and Regent John Schenian, a UW-Madison law student, who was appointed to a two-year term as the first student member of the board, pursuant to recently enacted legislation.

Regent - Officers - Regent Fish elected Vice President of Board, pp 1-2

Election of Vice President of the Board

Nominating Regent Fish for the position of vice president of the board, Regent Clusen stated that she placed his name in nomination because of his

Fish, Regent Ody - Elected Vice President of Board, pp 1-2

long experience as a regent, his demonstrated leadership on issues before the board, his ability to work with legislators of both parties and his strong commitment to higher education. "But when I think about him, I think most of all that he is one who contributes to the solution of a problem and not to the making of it."

Regent Hanson seconded the nomination.

Regent Finlayson nominated Regent Schilling for vice president, citing the same reasons stated by Regent Clusen, and the nomination was seconded by Regent Nikolay.

On a written ballot, Regent Fish was elected vice president of the board on a vote of eight to seven. Regent Schilling moved that a unanimous ballot be cast for Regent Fish. The motion was seconded by Regent Finlayson and voted unanimously.

Welcoming Regent Fish to the vice presidency, President Lawton stated: "I am sure that he will carry on in the tradition of his predecessor. As all of you know, Bob Knowles really made the vice presidency a position of great responsibility. Bob was very active and invaluable to me as an advisor on everything from the minutiae of parliamentary procedure to the world of real politics. He has to have at least equal credit with me--and perhaps more--for our successes over the last two years in the faculty salary catch-up and the selection of the system president. I am sure that Regent Fish will do the same and I look forward to working with him."

*VTAE Board - Report of the 11/19-20 meetings; election of vice president, resolution of appreciation, status report on UW/VTAE transfer of credits, survey of 1983-84 graduates, pp 2-3*

Report of the President of the State Vocational, Technical and Adult Education Board

Regent Saunders, President of the State VTAE Board, reported on the board's November 19 and 20 meetings, stating first that Mr. Paul Hassett was elected vice president of the VTAE Board for the remainder of the 1985-86 year.

Dr. Kathleen Paris, author of A Political History of the Wisconsin Vocational, Technical and Adult Education System, was given a resolution of appreciation by the board for her efforts in writing and publishing the book.

The VTAE Board received a report on transfer of credits between UW System and VTAE institutions, an issue which was being reviewed by both systems, as well as by the Joint Administrative Committee on Academic Affairs.

In other business, a report was made to the board on a 1983-84 follow-up survey of graduates. Of the 16,622 graduates surveyed, 14,416 (86 percent) responded. Ninety-five percent of those responding indicated they were either satisfied or very satisfied with their training; 91 percent were either employed or seeking employment; and 88 percent were employed at the time of the survey. Of those who were employed, 80 percent had jobs related to their training. Eighty-nine percent of the graduates were employed in the State of Wisconsin, 70 percent of whom were working in the

VTAE districts where they attended school, and 11 percent were employed out of state. Fifty-two percent were women; 30 percent were in the 20-24 age group; and approximately four percent were minorities.

In a report on student financial aid, the VTAE board was advised that a total of \$52 million was awarded to 26,444 VTAE students during the 1984-85 school year in a combination of need-based aid and guaranteed student loans.

In response to a request by Regent Lawton, Regent Saunders said he would provide the regents with copies of the survey of graduates

*Council of Trustees, UW Hosp + Clinics - Report on patient activity, helicopter use, marketing of hospital's programs, medical staff bylaws, parking, + establishments from federal funds of a Center of Research,*  
Report of the Council of Trustees, UW-Hospital and Clinics pp 3-4

As chairman of the council, Regent Finlayson reported that at the previous day's meeting, Superintendent Gordon Derzon advised the council of the continuing trend toward declining inpatient activity and increased outpatient care. Inpatient activity and patient days decreased 6.6 and 6.5 percent, respectively, while outpatient activity increased 10 percent above the preceding year. Overall, the hospital continued to experience a favorable financial position. It was noted that increased patient activity had intensified space constraints in the hospital, with several outpatient programs based outside of hospital facilities due to lack of space.

The council heard a presentation on the hospital's critical-care helicopter service, which six months after initiation had reached its projected goal of 250 flights per year. The helicopter was frequently the transport of choice for acutely ill patients and had been well received by health-care providers throughout the state and beyond.

A report was made to the council on the hospital's marketing programs over a five-year period, in which it was noted that the increasingly competitive health care environment made the marketing function an important factor in maintaining a strong patient base for the hospital's education and research missions. While there was discussion about whether it was advisable to put a priority on marketing, it was considered necessary to do so because other hospitals also engaged in marketing, and the patient base was needed for educational purposes. The hospital had initiated a program involving research, data-base development and analysis, regional development, and communication programs to enhance its patient base.

In other business, the council voted to adopt revisions of medical staff bylaws and to approve faculty appointments. The bylaws, which were reviewed every two years, were changed to provide for appellate hearings.

Concluding her report, Regent Finlayson suggested that a presentation be made to the board on some of the hospital's renowned research and service activities.

President Lawton said such a report would be included in the list of presentations.



Regent Finlayson asked Regents Heckrodt and Weinstein, who also served on the council, for additional comments.

Regent Heckrodt called attention to parking problems which discouraged use of hospital services.

In response to a question by Regent Lawton, Regent Heckrodt indicated there was no additional space for surface parking, which meant consideration would need to be given to a parking ramp. Noting that campus planning personnel at UW-Madison were reviewing the issue, he added that solution of the problem should be given top priority.

Regent Weinstein pointed out that another concern related to the general question of who should pay for education at the hospital. Observing that this was an issue all over the country, he noted that in a budget of approximately \$125 million for the UW Hospital, the state contributed only \$2 million, which was an unrealistically small proportion.

Regent Finlayson added that the hospital had applied for federal funding to establish a center for research.

*Big Ten - Report by Regent Clusen at organizational meeting of Big Ten regents pp 4-6*

Report by Regent Clusen on Meeting of Big Ten Regents and Meeting of the National Commission on the Future of State Colleges and Universities

Reporting that she had met recently with both groups, Regent Clusen observed that they were discussing the kinds of issues which would be considered by the Regent Study Group on the Future of the UW System. With reference to the meeting of Big Ten regents, which was held at the O'Hare airport, she indicated that eight institutions were represented and that the Wisconsin board was quite different from the others in terms of its organization. The impetus for the meeting, which was called by the chairman of the University of Minnesota board, was to determine whether lack of participation by Big Ten regents in the Association of Governing Boards' conferences resulted from a feeling that AGB programs were not sufficiently useful to schools of that size, and whether more could be gained by establishing a consortium among the regents of the Big Ten. Coincident with this meeting and also held in Chicago, was a meeting of the Council of Ten, (composed of the Big Ten presidents), and some regents were able to attend a dinner with the presidents.

It was decided that there would be a conference for Big Ten regents on June 1 and 2, 1986, at Indiana University, Bloomington, which offered its facilities since the Council of Ten was to meet there at the same time. Noting that much of the meeting was devoted to discussion of what issues to consider at this conference, she said there was, for example, almost universal interest in open meeting laws and how they affected universities in various parts of the midwest. Other subjects for the conference included the role and organization of boards, program activities/academic affairs, finance, and divesture. Plans also included a reception and dinner with the presidents; round-table discussions on a variety of subjects; and to conclude the conference, a panel of presidents and regents. The two Big Ten institutions not represented at the Chicago meeting were Northwestern

*National Commission on the Future of State Colleges & Universities - Report by Regent Clusen on attendance at first meeting of the Commission, pp 4-6*

University, which intended to participate, and the University of Michigan, which did not. Regent Clusen expressed her hope that the UW System board would be well represented at the conference.

Regent Heckrodt asked how this board fit into the group, since it represented an entire system rather than one Big Ten institution.

Regent Clusen explained that this system was unique among Big Ten institutions, some of which belonged to systems which included fewer campuses than Wisconsin's, while some states had more than one system.

In response to a question by Regent Heckrodt as to whether the organization would be policy setting or informational in nature, Regent Clusen said the purpose would be to establish a forum for institutions of similar size and expertise to exchange views and learn together.

Regent Finlayson asked how the group viewed the AGB, to which Regent Clusen replied that it was felt there had been some improvement in AGB programs. However, since AGB had as members both public and private institutions of all sizes, this was an effort to bring together institutions which had more in common.

Noting that the board paid dues to the AGB, Regent Lawton asked if the Big Ten organization also would have such a requirement.

Replying in the negative, Regent Clusen added that no decision had yet been made as to paying for the conference but that the University of Minnesota had volunteered to handle the paper work, and the University of Indiana had offered the use of its campus. What might come later had not been determined, but she did not believe significant funding would be involved.

Turning to her report on the National Commission on the Future of State Colleges and Universities, Regent Clusen noted that she and UW-La Crosse Vice Chancellor Carl Wimberly had been invited to serve on this commission, which was sponsored by the American Association of State Colleges and Universities. The 20-member commission, headed by former Secretary of Education Terrel Bell, included the president of the National Education Association and the Governor of Arkansas, along with a number of college/university presidents. Although many of the institutions represented belonged to systems, none of them was similar to the UW System. When negative comments were made about centralization, she and Dr. Wimberly reminded the group that not all system experiences were unsuccessful.

The purpose of the commission was to produce a report which would capture public attention for higher education as had A Nation at Risk for elementary/secondary education. In order to formulate its recommendations, the commission was scheduling regional conferences in four sections of the country, and Wisconsin was in the central section which included twelve states. Indicating that the conference for this section would be held next spring, Regent Clusen expressed the hope that UW System regents would attend in order to have a voice in the kind of recommendations which would be

made. Topics before the commission included the perceived conflict between access and quality, program effectiveness, the impact of demographics, and principles for developing relationships with business/industry. One of the background papers presented to the commission, called "An Unsettled Quality," was written by Dr. Robert Birnbaum, a former chancellor of UW-Oshkosh, who was now at the Columbia University Teachers College.

Revised Membership of the Regent Study Group on the Future of the UW System

*Study Group members listed, p. 6 + EX A*  
/ (Members are all regents, with Regent Fish as chair, Executive Vice Pres. Lypell (at President Lawton announced addition of Regents Grover, Nikolay, O'Harrow, Saunders, Knowles and Schenian to the study group which had been appointed in November. He asked if other regents wished to serve, and Regents Heckrodt and Veneman responded in the affirmative. (Note: It was announced at the study group meeting following the board meeting that all regents would be made members of the study group.)

Chancellor Swanson was appointed vice chair of the study group by President Lawton.

(The list of study group members is attached as EXHIBIT A.)

*Fish, Regent Ody - To serve as chair of Regent Study Group on the Future of the UW System EX A*

Appointment of Regents to Respond to Legislative Audits

Noting that it was sometimes necessary to respond to audit reports on a schedule which did not coincide with regent meetings, Regent Lawton announced that he had asked two members of the Business and Finance Committee, Regents Veneman and Weinstein, to act as regent representatives in formulating a system response. If policy issues were involved, they would come to the full board, but consultation with those board members would permit regent involvement at an earlier stage in the process.

*Regent Committee - Regents Veneman + Weinstein named to committee to respond to legislative audits, p. 6*

Approval of Resolution on Urban Journalism, UW-Milwaukee

*new*  
/ Regent Committee - Audit Representatives - (same)

President Lawton referred to a letter he had received from the co-chairs of the Legislature's Joint Committee on Finance, in which they clarified the intention of appropriating funds for the UW-Milwaukee Department of Mass Communications. Stating that he was pleased with the tenor of that letter, he urged the board to reconsider its previous action not to expend the funds; and to ask Acting Chancellor Rees to bring forward a spending plan for use of the appropriated money.

Adoption of the following resolution was moved by Regent Fish and seconded by Regent O'Harrow:

*Regent Veneman, Regent - named as regent audit representative, p. 6*  
*Regent Weinstein, Regent Lawrence - (same)*

Board of Regents Meeting 12/6/85

Legislature -

*clarified*  
*Legislative intent on UW-Milwaukee School of Urban Journalism, A 3429, pp 6-7*

Resolution 3429: The UW System Board of Regents appreciates the clarification of legislative intent described in the November 27, 1985, letter from the co-chairs of the Joint Committee on Finance to Regent President Ben R. Lawton, indicating that the funds appropriated were intended for use in strengthening the existing Department of Mass Communications at UW-Milwaukee and that any future consideration of a school of urban journalism should be made through the established institutional and board procedures for such proposals.

UW-Milwaukee - (same)

In accordance with this clarification, the board directs the acting chancellor of UW-Milwaukee to review the program needs of the Department of Mass Communications and to submit a spending plan for the appropriated funds to the UW System Administration for review and approval.

Regent Grover asked if expenditure of these funds would create a de facto school of urban journalism.

Journalism - (same)

Regent Fish said he would not have moved adoption of the resolution under those circumstances.

Regent Lawton noted the letter made it clear that would not be the case and that any such proposal would have to be reviewed through the usual procedure.

Regent Grover indicated his question related to the fact that the board had increasingly approved programs that did not require additional expenditures because all the faculty and resources needed were already in place.

Put to the vote, Resolution 3429 was unanimously adopted.

REPORT OF THE PRESIDENT OF THE SYSTEM

Approval of Non-Personnel Actions/Informational Items

Resolution 3430 was unanimously adopted, upon motion by Regent Schilling and seconded by Regent Veneman.

Resolution 3430: That the report of non-personnel 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.

*Regent Presentations*  
Presentation on International Programs, pp 8-13

Interim Vice President Kuepper called upon System Academic Planner James Sulton, who had helped to arrange the presentation. Dr. Sulton introduced the following panelists: Dr. Peter Dorner, dean of international studies and programs at UW-Madison; Dr. Carol Baumann, director of international studies and programs at UW-Milwaukee; Dr. Helen Corneli, director of international programs at UW-Stevens Point; and Dr. Kenneth Grebe, coordinator of international studies at UW-Oshkosh.

Dean Dorner began his comments on the scope and dimensions of international education by noting that the shrinking world and global economy meant a growing number of important policy areas were no longer subject to control by any national government. Therefore, they required the kind of cooperation and tolerance which were promoted by international education.

*International Studies - Presentation to the Board on International Programs, pp 8-13*  
 Observing that teaching, research and public service all had international dimensions, he pointed out that the boundaries of the university were no longer the boundaries of the state, but actually extended all around the world. As an example, he cited a directory of international specialists from all system institutions who were willing to address international issues as they arose. There also was the Wisconsin Institute for the Study of War, Peace and Global Cooperation, consisting of system institutions, as well as private schools and colleges in the state, which helped high schools with curriculum development on studies of international conflict and resolution.

With regard to students, the international dimension included thousands who came to system campuses from around the world--more than 3,000 at UW-Madison alone, which ranked fourth in the nation in numbers of foreign students. The presence of these students contributed to better international understanding through their influence on the outlook of people they encountered, while their outlook in turn was altered by what they learned here.

For students from Wisconsin and other states, the main dimension of international education was the international subject matter introduced into courses in the various disciplines, which required faculties in all fields to have experience in research and teaching abroad. Secondly, there were interdisciplinary area studies' programs which included language, history, political science, economics, geography, music and literature of world regions. There were five of these federally funded national resource centers at UW-Madison, with links for participation by other institutions. For the relatively small number of students who had the opportunity to study or do research abroad, language and culture training before departure were crucial since these students, enrolled in foreign universities, competed with resident students in the language of those countries. This type of program required a great deal of professional time in screening applications, testing for language capabilities, checking preparation, providing predeparture orientation and monitoring progress.

Quoting from a newsletter article written by former Dean Edward Mulvihill, of the UW-Madison College of Letters and Science, who was



instrumental in establishing many international studies programs, Dean Dorner read as follows: "Returning students frequently find themselves reluctant to leave their home away from home. Most find their views of the world have broadened and deepened considerably and that they are more tolerant of attitudes and ways of life very different from their own. A genuine surprise for many, however, is the realization that they look at their own country in a new light with a new appreciation for many things which had always been taken for granted."

Concerning the ability to introduce and maintain an international dimension in the curriculum, Dean Dorner suggested that faculty needed periods overseas of six months to a year, renewed over the years. To provide such opportunities, there were Fulbright and other exchanges; technical assistance programs, which often focused on graduate education; and projects administered by the Midwest University Consortium for International Activities which sponsored major projects in Indonesia and Malaysia, drawing faculty from across the system.

Another important source of international education was visiting faculty from around the world, including a special program that brought hundreds of visiting scholars from the Peoples' Republic of China.

Concluding his remarks, Dean Dorner remarked that a final dimension of international education consisted of the many visitors from abroad who sought out academic colleagues for information and sharing experiences.

The next speaker was Dr. Carol Baumann, director of international studies and programs at UW-Milwaukee, who began with a brief survey of the four areas of UW-Milwaukee's international activities. First, the foreign student service component included evaluation of foreign credentials, certification of documents for the Immigration and Naturalization Service, admissions procedures, and orientation to the community and the campus.

Secondly, there were international courses in the curriculum, as well as an interdisciplinary international relations major and a Latin American Center. Faculty were receptive to introducing transnational and cross-cultural dimensions into courses in various fields, in addition to which there were courses with more specific international orientations.

Third, study abroad opportunities included programs in England, France, Germany and Mexico, as well as programs offered by individual faculty members. There were increasing numbers of institutional agreements with foreign universities to foster exchange not only of students, but also of faculty, for purposes of research and teaching.

Finally, to promote international research by faculty, the office of international studies and programs furnished information on extramural sources of support and provided modest travel funding for faculty to present the results of their research at international conferences, which was important in making the University of Wisconsin known overseas. There was also a research incentive program in the Graduate School, whereby faculty time was bought out to enable them to prepare proposals for external support in the international area.

Citing examples of the broad range of disciplines involved in international research on all continents, Dr. Baumann mentioned an Anthropology Department member who, with foundation support, was working in Zaire and Ethopia on the origin of man, early stone tools and the history of humanly contrived fire; a geographer who taught in Germany on the subject of physical and social comparisons of German and American cities, with support from the UW-Milwaukee Graduate School and a number of German universities; a business administration professor who lectured overseas on flexible manufacturing systems and automation of production systems; and two members of the Mechanical Engineering Department who worked together in a project with Taiwan University on engineering problems of geothermal energy systems.

A second dimension of faculty research was collaborative research, as exemplified by the Indonesia project, in which UW-Milwaukee was involved through its School of Architecture and Urban Planning with the Department of Architecture at Gadjah Mada University.

Dr. Baumann then described the Institute of World Affairs, which was unique to UW-Milwaukee. Established in 1960 through a grant from the Johnson Foundation, the institute was originally housed in University Extension but then came under the auspices of UW-Milwaukee. Dr. J. Martin Klotsche, who was provost at the time, was instrumental in efforts to stimulate interest and broaden knowledge of international issues, not only for faculty and students, but also for the surrounding community. Noting that the sole purpose of the institute was to carry on public education, Dr. Baumann described several specific programs. First, there was the multimedia great decisions program, sponsored by the Foreign Policy Association, which included a series of lectures in Milwaukee, Sheboygan and Fond du Lac, the Milwaukee series being taped and rebroadcast nationally by satellite. In addition, there was a booklet put out by the Foreign Policy Association on these issues; a television program done by the institute; a special article in The Milwaukee Journal on the topic of the week; and a number of discussion groups throughout the state.

For the program called "Dialogue with Diplomats," ambassadors from various embassies in Washington came to Milwaukee for dinner or luncheon meetings, usually held down town, in order to attract the business community. For the most serious public students, the institute sponsored weekend seminars with advanced reading and discussion of issues and countries of concern to U.S. foreign policy.

Finally, the institute worked extensively with high schools not only in language programs, but also in the high school model UN program, which was considered one of the most successful of its kind in the nation.

Regent O'Harrow then commented on his experience as a student in the 1985 summer trip to Germany and Poland, sponsored by the UW-Stevens Point College of Natural Resources, and he commended the faculty who led 40 students on the six-week journey for their hard work and patience in dealing with the inevitable problems of taking a large group into a foreign setting. He had asked to participate in the program because, as a farmer, he represented a part of society that was in financial difficulty, partly

due to worldwide price competition, and he recognized that this sense of competitiveness was also increasing in other areas.

It was Regent O'Harrow's conclusion that the UW-Stevens Point program provided insights which could be applied to sharing natural resources in Wisconsin. With the benefit of this trip, he felt the participating students had an advantage over those who did not have that kind of practical experience. Viewing what was done in Germany where the population density was twelve times greater than in Wisconsin, the group visited rivers, lakes, waterworks, electrical generating plants, and particularly forests, with much time spent in the Black Forest of the State of Baden, Wittenberg. Observing that this state was remarkably similar to Wisconsin, he said it had few mineral resources, but it had a large tourism industry, much agriculture and beautiful forests. In addition, Baden, Wittenberg had a good school system, with more resources devoted to vocational-technical and higher education than any other state in West Germany. This had attracted clean industries, and the state was the most industrialized in the country.

In conclusion, he commended Dean Daniel Trainer, of the College of Natural Resources, Dr. Helen Corneli, and all others involved in the trip, for finding "an excellent way of preparing our students for the world of tomorrow."

Beginning her part of the presentation, Dr. Corneli, director of international programs at UW-Stevens Point, added her commendation to faculty who led groups of students abroad, noting that they served as teachers, guides, troubleshooters, administrators, counselors, friends and scholars.

She then showed slides of some typical student-abroad programs, of which there were 175 in the system, encompassing study throughout the world for periods of a year, a semester, a quarter or two-to-five weeks. For example, UW-Platteville offered semester programs in England, France, Spain, Austria, Germany, and Mexico, in addition to various short-term study tours. During the 1984-85 academic year, over 400 students participated in these overseas programs.

At the University of the Americas in Pueblo, Mexico, UW-Platteville students took courses from Mexican professors and had available to them state-of-art technical and laboratory equipment. With about 4,000 Mexican students, the university was an excellent place to meet Mexican peers and to become acquainted first-hand with the culture and history of the country. In Austria, students in UW-Platteville's program were able to take courses at Salzburg College such as German language and central European history, geography, political science, music and art.

At UW-River Falls, there were student exchange agreements with universities in Japan, Korea, and Taiwan, with the university also presenting an American workshop in physics and chemistry in Taiwan. On a tour of the Far East, partially funded by the U.S. State Department, the UW-River Falls concert choir performed at the U.S. Embassy in Tokyo and joined the choir at the University of Hiroshima for a concert.

The final presenter was Dr. Kenneth Grebe, coordinator of international studies at UW-Oshkosh, who focused his remarks on the international dimension of campus undergraduate instruction. In addition to the study of foreign languages, international education entailed study of the political, economic, cultural, social and physical dimensions of international relationships, including the process of negotiation and the widely divergent viewpoints of different nations.

Drawing on faculty in all disciplines, international programming coordinated existing resources in order to obtain maximum impact for the funding available. The span throughout the system was wide, with a full range of programs reflecting area studies, international studies in general, and other related programs. There were area studies at many system institutions, the largest number of which related to Latin America, in part because of the UW System Latin American Center which moved funds to campuses throughout the system. This systemwide center was rated number one in the United States by the U.S. Department of Education in terms of the amount of funding it received. The mix of foreign language courses varied from campus to campus according to their specialties. With regard to related programs, Dr. Grebe cited as an example the international business program at UW-Oshkosh, which had been in existence since 1979. There were six majors in international studies at system institutions, the three largest being at UW-Madison, UW-Milwaukee and UW-Oshkosh.

Noting that foreign students in the UW System came from every region of the world, Dr. Grebe indicated that all campuses had specific offices to coordinate the presence of foreign students and to utilize their skills in educating other students, as well as people within the broader community.

With regard to student quality in international programs, Dr. Grebe noted a good record in job placement for students throughout the system and cited the example of internships for UW-Oshkosh students at the United Nations, the Organization of American States, the State Department, the White House, foreign embassies in the United States, and U.S. embassies abroad. One student recently completed an internship at the Future Farmers of America national headquarters in coordinating exchange programs in which U.S. students studied farm methods of other countries.

One major aspect of student quality, Dr. Grebe continued, was academic competition, which in the international sphere was represented by model Organization of American States and model United Nations programs. In model United Nations, students role-played as diplomats representing particular nations and competing against students who represented other nations. Using UN procedures to negotiate agreements and reach resolution on specific global issues, these students drew upon a wide range of skills in public speaking/writing, knowledge of issues, ability to negotiate and knowledge of particular countries. Seven system institutions were involved in regional model UN competition, and UW-Oshkosh had entered national competition. In 1985, 16 UW-Oshkosh students participated in the national model UN at the United Nations in New York, where they competed with delegations from 160 universities throughout the United States and abroad. In addition to the week-long conference, there were opportunities for lengthy meetings with UN diplomats. For its performance at this conference, the UW-Oshkosh team won

an award as one of the top ten model UN teams in the United States, finishing ahead of such schools as Harvard, Yale, Columbia and Princeton.

In conclusion, Dr. Grebe noted that the presentations demonstrated the breadth of international education throughout the system, its depth in terms types of courses, and its quality in faculty and students. He expressed appreciation for the support of the Board of Regents and system administration in making international education a special strength of the UW System.

Regents expressed gratitude for the presentation and commended all involved in international education for the exciting and impressive array of programs offered throughout the system.

Academic Freedom - Opposition to tactics of a group called "Accuracy in Academia," pp 13-14  
Statement of Continued Support for the Concept of Academic Freedom

In preparation for the Regents' Study Group on the Future of the UW System, Acting President Lyall had read the 1955 report of a commission on the University of Wisconsin, chaired by then Senator Warren Knowles. The report addressed the problems of rapid enrollment growth, which at that time was about 25,000; appropriate missions for the various campuses; program duplication; faculty salaries; and the need for an equitable sharing of the cost of education between students and taxpayers--concerns similar to those being faced in 1985. She noticed, particularly, however, a recommendation that stated as follows: "The university should continue its present policy of placing no restrictions on freedom of speech or assembly beyond those established by state or federal laws. We are trying to develop self-directing, mature citizens capable of making their own evaluation of truth and falsehood. A more dogmatic policy might shield the individual student so much that he would be deprived of this essential educational experience. We believe in freedom of discussion and that continued emphasis on the privileges and benefits of our government and our system of free enterprise will make the youth of Wisconsin better citizens."

Noting that this recommendation responded to the threat to academic freedom posed at that time by McCarthyism, Dr. Lyall made the following comment: "This statement of support for the concept of academic freedom caught my eye especially because I have been reading, as have you, of the activities of 'Accuracy in Academia,' a national group whose stated purpose is to monitor university classrooms across the country and to report to a national office professors whose views are deemed to be Marxist or left-leaning. That national office, according to its director, will then bring pressures to bear through university administrations, public accusations, and by other means, to have course content changed, courses removed from the curriculum, or professors disciplined.

"I would have thought that our experience of the 1950s would have been proof against this kind of effort in the 1980s. But I learn that local chapters of 'Accuracy in Academia' have now been formed at UW-Madison and at UW-Milwaukee and, indeed, that an individual faculty member at UW-Milwaukee has already been targeted by this system. Last month, JoAnna Richard



reported that the National Student Association has spoken out publicly in opposition to such activities, believing that they destroy the atmosphere of free and open debate necessary for students to question and learn.

"Lest there be any doubt, I would like to reaffirm clearly that the University of Wisconsin System will continue in the future as it has in the past to insist on maintaining the academic freedom of students and faculty to speak, argue, debate, sift and winnow ideas and values openly and without fear of reprisal or intimidation. Disagreement and debate is the stuff of which learning is made. We do not fear it, but it should be done openly and without threat or coercion. Great universities share this common commitment to open expression. This board has expressed its commitment to this principle many times. I trust it will continue to do so in the future."

Regent Weinstein then made the following statement: "At the last meeting, United Council called our attention to the AIA and its tactics of attempted harassment and intimidation of the faculty. I said on that occasion that I thanked them for highlighting this at a board meeting. More recently, Fourth Estate, which is a student newspaper at UW-Green Bay, has taken the lead in keeping the light on this subject. At this meeting, I wanted particularly to thank you, Acting President Lyall, for underscoring what I think is obvious to all of us in this room, but not so obvious to others--that academic freedom is supported, will be supported, and that we will not be intimidated by these attempted tactics of harassment."

*Business / Industry - Establishment of Center for Quality and Productivity Improvement at UW-Madison, pp 14-15*

#### Establishment of New Centers for Research and Outreach

Drawing attention to the recent establishment of two important new centers for research and outreach, Acting President Lyall first described the Center for Quality and Productivity Improvement at UW-Madison, established with funding provided by the Legislature. The center's task was to encourage organizations in both the public and private sectors to apply the techniques of W. Edwards Deming to quality control and quality improvement in their products. Professors William Hunter and George Box directed the center, which was available to serve businesses throughout the state. Citing a recent Milwaukee Journal report that 20 corporate executives were to visit several Wisconsin firms that had already adopted some of the Deming techniques, including the "just-in-time" approach to manufacturing processes, Dr. Lyall remarked that the group might be well advised to visit the center as well while they were in the state.

*Research - Establishment of Wisconsin Center for Educational Research at UW-Madison, pp 14-15*

Secondly, Dr. Lyall continued, the Wisconsin Center for Education Research at UW-Madison had just been selected by the U.S. Department of Education as one of ten winners in a national competition to establish specialized research and development centers across the nation. The Wisconsin center had received a five-year, \$5.5 million grant to create a research program on effective secondary schools, with a key part of its agenda being the study of ways in which to combat boredom among secondary school students and to find alternatives to paper and pencil testing for evaluating student progress.

Other research centers were to be created at the University of Michigan, Michigan State, UCLA, Berkeley, the University of Pittsburgh, Johns Hopkins, Columbia, the University of Maryland and the Eagleton Institute at Rutgers. Among these centers were two that would address issues in postsecondary education: The Maryland Center was to study problems of management and governance in higher education; and the University of Michigan was to examine postsecondary teaching and learning problems.

Other research centers were to address teacher education, writing, education and employment, student testing and evaluation, state and local policy development, and leadership in education. Together, Dr. Lyall pointed out, the centers represented a major federal commitment to addressing issues in education from elementary through university levels, and the UW System could take pride in being part of this national research network.

Referring to the upcoming visit of a business group to Wisconsin firms, Regent O'Harrow asked if a business or engineering faculty member could be included on the tour in order to help the university keep up with latest innovations in the private sector. Dr. Lyall replied that an effort could be made to see if that might be possible.

Regent Saunders inquired as to whether the services offered by the Center for Quality and Productivity Improvement would be advertised to the state's business community, and Dr. Lyall responded in the affirmative.

Indicating that the work of the center was an ongoing effort, which was already becoming well known, Chancellor Shain said several hundred business people had recently attended a conference in Madison at which Mr. Deming was the featured speaker.

~~Report of United Council of UW Student Governments~~ - *Report calling for proper input for the report of the Regent Study Group on the future of the UW System*  
 Ms. Joanna Richard, President of United Council, thanked Regent Weinstein for circulating to all regents the Fourth Estate article on the "Accuracy in Academia" campaign. *pp 15-16*

With reference to the Regent Study Group on the Future of the UW System, she observed that there were difficult decisions to be made concerning quality of education, accessibility to students, tuition, and maintenance of a single system. She felt faculty, students, administrators and staff should be given an opportunity to voice their concerns so that, when the study was completed, all would be able to support its conclusions. "We have been divided on issues and have let outside groups step in and make those decisions for us. This is a very crucial time for all of us and we must come out strong and united." She pledged the support of students in preserving a high-quality, accessible and united UW System.

Concluding her report, Ms. Richard referred to a recent article in The Atlantic magazine, which described credentialing of business programs. At a time when many were asking for university help in economic development, she felt it was particularly important to keep in mind the primary academic mission of the university.

President Lawton thanked Ms. Richard and United Council for their thoughtful resolutions regarding Robert Knowles and Carl Steiger. He also commended them for addressing a broad range of issues which were of importance to the UW System.

Regent Finlayson complimented Ms. Richard for her leadership, and Regent Saunders expressed appreciation for United Council's assistance to VTAE student groups who were interested in gaining a higher level of involvement in that system.

*President of the System - Intro*

Introduction of President Designate Kenneth A. Shaw, p. 16

Regent Lawton recognized President Designate Shaw, who had come to Madison to attend these meetings in preparation for taking office in January 1986.

*Collective Bargaining - Discussion of proposed legislation for academic staff & faculty & academic staff - collective bargaining, pp 16-17*

REPORT OF THE EDUCATION COMMITTEE

*Academic Staff - (same)*

Regent Clusen presented the Committee's report.

Discussion of Proposed Legislation: SB 170 and AB 229 (Academic Staff Collective Bargaining); SB 115 and AB 179 (Faculty and Academic Staff Collective Bargaining)

*Faculty - (same)*

Background materials on this item were summarized at the committee meeting by Vice President for University Relations Ronald Bornstein and Associate Vice President for University Personnel Relations Wallace Lemon.

Mr. Bornstein presented a brief review of the history of regent positions, beginning in 1975, at which time it was concluded that collective bargaining was not compatible with the history and spirit of shared governance. Following were four subsequent votes, with the last position being taken in June 1983. He pointed out several basic problems in the language of bills currently under legislative consideration: the imposition of collective bargaining over governance; designation of the Department of Employment Relations rather than the Board of Regents as the bargaining agent, which would erode the board's management authority; lack of clarity regarding the scope of bargaining; lack of a fiscal note to cover the costs involved; and a proposed effective date (July 1, 1986), which would not allow the system to complete and implement the academic staff compensation study which was under way. The advice system administration intended to

give to the Legislature would reflect these concerns and the board's historical opposition to collective bargaining.

In committee discussion, Regent Nikolay asked why the regents were not taking a position at this time, to which the chairman replied that the item was presented for information only because the board's opposition to collective bargaining was a matter of record and because it would be inappropriate to act when there had been no opportunity for testimony. Other board members shared Regent Nikolay's concern, stating that the board should decide whether to reaffirm or modify its position before the Legislature considered the matter in January. It was Regent Fish's suggestion that testimony be heard and the issue decided at the regularly scheduled meeting in January.

Academic Programs - Report forthcoming on use of external reviewers for academic programs, p.17

Report of the Interim Vice President

Report on Use of External Reviewers for Institutional Program Review

As requested by the committee at a recent meeting, Interim Vice President Kuepper advised that a report on use of external reviewers for academic programs would be forthcoming in the near future.

Academic Programs - Report on Vice Chancellor's Study Group on Academic Program Array p.17

Dr. Kuepper then summarized for the Education Committee the activities of the Vice Chancellors' Committee on Program Array and distributed the official list of UW System majors and degree programs. The graduate subcommittee was examining types of graduate degrees offered and the relationship of missions to graduate program array, while the undergraduate subcommittee was discussing a minimum module of undergraduate academic programs. UW System program arrays were to be compared with those of similar institutions.

In response to Regent Schenian's question as to whether the committee would review the use of titles for apparently similar programs, Dr. Kuepper said that the vice chancellors would do so, but he also indicated that different, although similar, titles often reflected significant differences in program content. It was noted that the board had an opportunity to review titles when programs were reviewed by the Education Committee

Dept. of Public Instruction - Review of proposed DPI rules on ~~Proposed Department of Public Instruction Rules~~ on Teacher Education Program Approval p.17

Interim Vice President Kuepper informed the committee that issues raised by the UW System had been acknowledged in part or in whole in the rules on program approval and that discussions would continue as the rules were implemented. In recent testimony to the Assembly Education Committee, he had suggested further changes and urged the committee to move swiftly in acting on the rules. Regent Grover thanked Dr. Kuepper and Acting President Lyall for their contribution to the process and agreed that there was a continuing need for consultation.

Teacher Education - (same)

*Strategic Development Commission - System response to recommendations, p. 18*

Response to the Strategic Development Commission Recommendations

Reporting on committee review of this item, Regent Clusen noted that the state Strategic Development Commission had made a number of recommendations related to ways in which the UW System could contribute to the state's economic development and that Governor Earl had asked the system to analyze those recommendations and report back in January. The document reviewed at this meeting was to form the basis for responding to the Governor; and regents were asked to provide their comments to Acting President Lyall so that they could be incorporated in the report to be presented to the board in January.

*Business/Industry - System response to Strategic Development Commission recommendations, p. 18*

The executive summary provided an overview of responses to the four major recommendations directed to UW System efforts in economic development concerning instructional, research, and public service missions. In addition, the report contained two other recommendations on demographics research and agricultural research. The basic thrust of the report was the need for better university/business communication, and Dr. Lyall stated the UW System's endorsement of that view. The introduction to the response listed a number of efforts in this direction, both long-standing and recent. It was pointed out, however, that the university's primary mission was not to provide business consultation, but to teach, and that a proper balance must be struck in order to serve the state responsibly. Dr. Lyall drew attention to the fact that system institutions were already performing many of the services the commission recommended. Other suggestions were under study and would be considered by the Regents' Study Group on the Future of the UW System.

In committee discussion, Regent Saunders questioned the wisdom of attempting to create a world class technology center, as recommended by the commission. Dr. Lyall indicated that consideration was being given to the question, and it might be determined that it would be more efficacious to build on existing programs than to start something new, since many of the components of such a center already existed within the system.

In discussion at the board meeting, Regent Weinstein asked if approval of this report would preclude consideration by the Regent Study Group of recommendations that had long-range implications.

Replying in the negative, Acting President Lyall said the response would state that such recommendations would be reviewed by the study group.

*Sabbatical Leaves*

Announcement of Sabbatical Leave Awards for 1986-87, p. 18

Noting that each December sabbatical announcements were made for the following academic year, Regent Clusen reported that recommendations came from the institutions, where the fundamental decisions were made. They were then reviewed by system administration to see that those decisions conformed to system policy, and they were reported to the board for information.



In committee discussion, Regent Schenian asked how faculty were chosen for leaves, to which Interim Vice President Kuepper responded that the process was highly competitive and that many deserving faculty never received leaves. While each institution had its own criteria for choosing recipients, it was necessary in all cases that faculty activities during the leave relate to their instructional responsibilities. In private universities, faculty sabbaticals were often granted automatically every seven years or so; however, Wisconsin had a relatively restrictive policy, with special funding never having been provided for sabbaticals. Regent Saunders suggested that support for the sabbatical program be included in the next biennial budget.

Commencement

Report on UW-Madison Student Conduct at Commencement and at Football Games p. 19

In response to a regent request at the November meeting, Chancellor Shain reported to the committee on deliberations of UW-Madison committees on student conduct at commencement and football games. Through the dean of students' office, a number of students had been disciplined for their conduct at football games; and a committee was considering how to reduce such disruptions in the future, one recommendation being to discontinue selling blocks of tickets to rival student organizations.

Several actions were to be taken to discourage drinking at commencement exercises, including checking students for alcoholic beverages as they entered the field house and escorting from the event any students causing a disruption. Regent Grover expressed concern about spillover of disruptive behavior into the high schools. Chancellor Shain was commended by the Education Committee for the steps being taken to resolve these problems.

Minutes

Informational Report on Undergraduate Minority Retention Grant Program, pp 19-20

Summarizing committee review of the report, Regent Clusen noted that this was a new program, to be initiated in 1986-87, for which the sum of \$2 million has been provided in the UW System budget to assist statutorily designated minority undergraduate students--black, Hispanic, and Native American by improving their opportunities to remain in school and graduate. It was in addition to other financial aid programs and was complementary to the Advanced Opportunity Program for minority/disadvantaged graduate students, which had been in operation for several years.

Associate Vice President Lattin summarized guidelines which were developed in consultation with institutional minority coordinators. The awards were to supplement existing grants and were not to be used in place of other aid. They would be limited to resident students and students enrolled under the Minnesota-Wisconsin compact.

In response to a question asked in committee discussion, Dr. Lattin estimated that about 2000 students would be eligible for support, 75 percent of whom might receive grants within the limitations of available funding.

Undergraduate Minority Retention Grants - Program to begin 1986-87 with \$2 million, pp 19-20

While the target students left college for a variety of reasons, lack of finances was considered one of the primary problems. Precollege programs were also identified as vital to improving the retention rate of minority students in college.

The committee discussed the exclusion by law of Asian students from the program and expressed the concern that, for example, the Hmong communities of the state would not have access to this support. Dr. Lattin urged that the program as approved be tested to determine its effectiveness, after which it might be advisable to request expansion in the next biennium.

*International Education - Informational report on education & opportunities, p. 20*

#### Informational Report on International Education

Presenting to the committee a report on international education, Interim Vice President Kuepper and Associate Vice President Lattin reviewed six system recommendations on which action would be taken during the coming year. Most of the system initiatives had only modest costs associated with implementation, the possible exception being the proposed system council on international education, which might be funded to allow sponsorship of conferences, competitive grants, and other incentives to support expansion of international education opportunities.

Committee members stressed the need for expanded foreign language study, and Regent Grover described a recent conference of chief state school officers, in which the group recommended that colleges and universities establish or reinstate second language requirements. Dr. Lattin pointed out that while student credit-hour production in the foreign languages had increased to more than 67,000 last year, the number of students enrolled in master's and Ph.D. programs had declined. While there were 4641 foreign students from 122 countries studying in the UW System, few system students were studying abroad. It was noted that Regent Weinstein had requested additional information on student numbers and costs, which would be supplied by the Office of Academic Affairs to all interested regents, including the members of the Education Committee. In response to the question of how the UW System compared with other university systems in such areas of international education as numbers of foreign students, Dr. Lattin indicated that UW-Madison had the fourth largest group of foreign students in the country. Systemwide, less than one percent of the student body studied abroad, a figure that reflected a nationwide trend; however, the UW System did better than the country as a whole in foreign language enrollments. Dr. Kuepper concluded by outlining the dilemma posed by the fact that, as important as international education options such as study abroad programs might be, they were expensive and were competing for resources at a time when high-demand degree programs were often underfunded.

#### Named Professorships - UW-Madison

Regent Clusen presented Resolutions 3431-3434 which were approved in closed session of the Education Committee.

Professorship

*Ann: Let's stop listing these consecutively as "Professorship" and without subtitles at top*

*Penelope Peterson named*  
- 21

Upon motion by Regent Clusen, seconded by Regent Weinstein and carried unanimously, Resolution 3431 was adopted by the board.

Resolution 3431: That, upon the recommendation of the Acting President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Penelope Peterson be changed from Professor, Department of Educational Psychology, School of Education, to Sears Roebuck Foundation-Bascom Professor, Department of Educational Psychology, School of Education, University of Wisconsin-Madison, ~~effective immediately.~~

*✓ x ref Peterson, Penelope*

*R 3431, p. 21*

Regent Clusen moved and Regent Saunders seconded the following resolution which was unanimously adopted by the board:

*✓ Professorship - Burton Weisbrod named*

Resolution 3432: That, upon the recommendation of the Acting President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Burton Weisbrod be changed from Professor, Department of Economics, College of Letters and Science, to Evjue-Bascom Professor, Department of Economics, College of Letters and Science, University of Wisconsin-Madison, ~~effective immediately.~~

*✓ ref Weisbrod, Burton - (same)*

*R 3432, p. 21*

It was moved by Regent Clusen, seconded by Regent Hanson and voted unanimously that Resolution 3433 be adopted by the board.

*✓ Professorship - Paul Rabinowitz named*

Resolution 3433: That, upon the recommendation of the Acting President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Paul Rabinowitz be changed from Juliusz P. Schauder Professor, Department of Mathematics, College of Letters and Science, to Juliusz P. Schauder Professor and Edward Burr Van Vleck Professor, Department of Mathematics, College of Letters and Science, University of Wisconsin-Madison, ~~effective immediately.~~

*x ref Rabinowitz, Paul - (same)*

*R 3433, p. 21*

Chancellor Shain explained that when a faculty member received a WARF professorship, the name could be retained even after the five year funding period expired. Professor Rabinowitz was receiving the Van Vleck professorship after the expiration of funding for the Schauder professorship.

Resolution 3434 was moved by Regent Clusen, seconded by Regent Finlayson and unanimously voted by the board.

Professorship - Yi-Fu Tuan named  
Board of Regents Meeting 12/6/85

Yi-Fu Tuan, Yi-Fu -  
(same)

Resolution 3434: That, upon the recommendation of the Acting President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Yi-Fu Tuan be changed from John Kirkland Wright Professor, Department of Geography, College of Letters and Science, to John Kirkland Wright Professor and Vilas Professor, Department of Geography, College of Letters and Science, ~~University of Wisconsin-Madison, effective immediately.~~ *R 3434, p. 22*

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Chairman Weinstein presented the report of the committee.

Gifts, Grants, and U.S. Government Contracts

Vice President Case reported to the committee that gifts, grants and contracts for the first six months of this year totaled \$158 million, or \$7.3 million (4.8 percent) greater than the same six months last year. The federal share of the total was \$120.5 million, or \$5.9 million (5.2 percent) greater than last year. The increases were primarily in the areas of research and student aid.

Regent Weinstein moved and Regent Veneman seconded Resolution 3435, which was adopted unanimously by the board.

Resolution 3435: That, upon recommendation of the Acting 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.

Auxiliary Reserve Policy - Approval of system policy statement on auxiliary enterprise reserves *R 3436, EX, B*

Reporting on review of this policy which would restructure and limit auxiliary reserve accumulations, Regent Weinstein noted that it was written in response to the legislative audit recommendation that the board more carefully define the way in which auxiliary reserves were accumulated. The proposal had been reviewed by the state auditor, and his suggestions were incorporated in the proposals before the board. If approved, the policy statement would be submitted to the legislative Joint Committee on Audit this month and to the legislative Joint Committee on Finance next spring as part of the auxiliary budget. *pp 22-25*

Indicating that the policy would guard against build up of excess auxiliary reserves by tightening current reserve management practices, Mr. Case advised the committee that the proposal, developed by a systemwide task force, had been reviewed by the system business officers and endorsed by the chancellors. It consolidated the present seven reserve categories into three for each institution--capital, debt service, and operations. In addition, it established a systemwide contingency fund to provide overall protection, and each new category had a limit on the amount that could be accumulated.

The statement also included a proposal for handling the legislatively mandated transfer of \$22.5 million from auxiliary reserves to the state general fund. It made provision for recovery through a uniform systemwide segregated fee when funds were needed, so that money would be returned to the institutions from whence it came.

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

Resolution 3436: That, upon the recommendation of the Acting President of the University of Wisconsin System, the Policy Recommendations in Section 4.0, Reserve Category Recommendations in Section 5.0, Evaluation of Cash and Investment Accumulations Recommendation in Section 6.0, Documentation of Capital Needs Recommendation in Section 7.0, and the Response to the Auxiliary Reserve Reduction as Required by Wisconsin Statutes in Section 8.0 of the University of Wisconsin System Policy Statement on Auxiliary Enterprise Reserves be approved, and that System Administration be directed to implement these new policies.

(The policy statement is attached as EXHIBIT B.)

In discussion at the board meeting, Regent Schenian requested clarification as to how liquidation of the liability through a systemwide fee would be implemented.

Regent Weinstein explained that the \$22.5 million from institutional reserves went into libraries and instruction. In order to recover it, there would be need for a systemwide segregated fee, the amount and timing of which was yet to be determined.

Regent Schenian asked if the segregated fees would have to be approved by the student governments on each campus.

Noting that the process for segregated fees came from the student governments through the administration to the Board of Regents, Vice President Case said this fee would be implemented in much the same way as nonallocable student service fees, so that students would have a right to express their feelings about it. The fee would be levied when accounts were reduced to the point at which positive cash flow for a one-year period could not be projected. While it might be levied as early as next fall, he thought it certainly would be necessary to do so in the next three or four years.



Regent Weinstein added that the entire fee would not necessarily be levied in a single year.

Regent Heckrodt asked if the policy meant that those institutions which had reserves taken away would now have to assess fees to get the money, or if it was going to come back into the system as a whole.

Recalling that those involved in the legislative audit would not designate from which institutions the \$22.5 million should come and that it could only be taken from institutions with existing reserves, Regent Weinstein said the dilemma was how to restore the money, since the \$22.5 million put into the budget was not in the same proportion in which the reserves were taken out. The proposal was to do so on a systemwide basis.

Mr. Case added that no institution would be disadvantaged because of the amount of reserves taken. Instead, institutional reserves would be considered as one systemwide pool of funds, so that no particular institutions would be identified in taking the \$22.5 million. Because prediction of cash flow needs would also be done statewide, no projects would have to be delayed or cancelled, since they would be protected with cash flow into the systemwide reserve balance. Therefore, the situation would not arise in which one institution would run out of money and need fee revenue before another.

It seemed to Regent Heckrodt that those institutions which had been expending funds would continue to do so, while those that were prudent in saving them would not get back what was taken except for the amount they decided to spend.

Stating that the intent was to restore those funds, Regent Weinstein explained that the auditor's contention was not that \$22.5 million was too much, but that it was collected too soon. It would be necessary to restore those funds over a period of years, and no institution would be disadvantaged in the sense that they would never see the money come back. However, it would have to come through systemwide funding, since the institutions could not make it up alone.

What that meant, Regent Heckrodt felt, was that the institutions that had saved money for future use would have to compete with priorities of all the campuses, regardless of what they had set aside in the past.

Regent Weinstein said there would be no necessity for competition, and Mr. Case added that institutional projects that were planned on the basis of need determination at the time of the taking would still be entitled to those projects in the six-year cycle. Although the \$22.5 million reduction, if not put back, would force elimination of some of those projects, restoration of that money into the construction/renovation pool within the six-year time period would address the concern that any campus would have to compete again for those same projects.

Regent Schenian asked if the fee levy would have to be approved by the Legislature's Joint Committee on Finance.

Responding that final approval would be by the Board of Regents, Mr. Case explained that Joint Finance approval was needed only for fees that added to reserves, which would not be the effect of this fee.

Put to the vote, Resolution 3436 was adopted unanimously.

*Auxiliaries - Approval of*

*Room and Board Rate Adjustments for mid year, R 3437, p. 25*

Continuing the report of the Business and Finance Committee, Regent Weinstein summarized consideration of room and board rate adjustments for a number of institutions. Noting that the objective was to maintain the position projected in the original 1985-86 budget and to operate on a non-profit basis, he explained that these reductions were based on greater use of campus auxiliary services and lower-than-anticipated expenses. While the average room rate for the system in the 1985-86 budget was currently 2 percent lower than a year ago, the average rate after making the proposed adjustments would be a 4.4 percent lower. The average budgeted board rate was currently down one-half percent from last year and would be down 1.4 percent after the reductions.

Reporting that the committee unanimously approved Resolution 3437, Regent Weinstein moved its adoption by the board. The motion was seconded by Regent Veneman and unanimously carried.

Resolution 3437: That, upon the recommendation of the Acting President of the University of Wisconsin System and the Chancellors, the academic year room and board fees approved in Regent Resolution 3310, June 7, 1985 and specified in Book B, 1985-86 Annual Operating Budget, Auxiliaries, Segregated Fees, University Hospital and Clinics, be revised as recommended in the Table titled University of Wisconsin System, Midyear Auxiliary Rate Revisions, 1985-86 Fiscal Year.

*Regulations - Review of current legislation, p. 25*

Legislative Report

Vice President Bornstein reviewed with the committee the monthly summary of legislation affecting the UW System.

*Audits, Legislative - status on audit of sick leave conversion program, - pp 25-26*

Report of the Vice President for Business and Finance

It was reported by Regent Weinstein that Vice President Case advised the committee regarding the legislative audit of the sick leave conversion program, which had recommended ". . . that the Board of Regents modify reporting requirements for faculty to include specifications for the frequency of reporting, the documentation of collegial coverage, and the definition of a day of sick leave." It was the committee's consensus to

*Sick Leave - status report on legislative audit of sick leave conversion program, pp 25-26*

have a system study group review the matter and make recommendations to the committee in February 1986 for final approval by the board.

In discussion at the board meeting, Regent Grover asked if time requirements would allow for consideration by the full board, rather than by the two regents assigned to review audit issues.

President Lawton replied that action at the February board meeting would be timely for this audit.

Vice President Case added that while an administrative response had already been made, any study group recommendations involving policy would be brought to the board.

Regent Weinstein noted that the administrative response indicated only that the report would be reviewed.

Pointing out that the report asked for action by the board, Regent Grover said the response should not be considered simply an administrative matter.

Regents Weinstein and Veneman agreed that the response should require board approval.

*Credit Cards - 2-year trial agreement with American Express, p. 26*

Report on Credit Card Agreement

*Reg. American Express Charge Card, Inc. - 2-yr. trial agreement reported, p. 26*

Regent Weinstein reported that the Business and Finance Committee was advised by Vice President Case that system administration would soon sign an agreement with American Express Charge Card, Incorporated, on a two-year trial period, under which a charge card would be made available to any permanent university employee who wished to participate in the program. Special features of the agreement were: no cost to employees; no cost to the system; no liability to the system; and no system identification on the cards. Other benefits were: to eliminate or minimize cash advances to employees for travel, currently costing \$890,931; and to eliminate time and cost of administering advances. This agreement had been reviewed and approved by system purchasing, system legal staff, and the State Department of Administration.

1985-86 Projection Summary Report

In reviewing with the committee the fiscal year 1985-86 projection summary report, Vice President Case noted that the reserve for revenue shortfall and other contingencies was \$1.5 million, which was consistent with system budget planning for the year.

REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Chairman Heckrodt presented the committee's report.

*Heckrodt - Approval of*

UW-Green Bay Three Buildings Energy Modifications, R 3438, p.27

The committee unanimously approved the concept and budget report for the UW-Green Bay three-building energy modifications project at a cost of \$1,032,000. Funding was to be provided by three general obligation bonding sources: \$903,060 from the energy conservation allocation and the balance from the minimum maintenance and health, safety and environment allocations. The project provided for modifications in the Creative Communications, Student Services and Studio Arts Buildings. Involving a total of 188,868 gross square feet, the project budget represented a cost of \$5.46 per square foot. The energy conservation portion of this project provided a simple payback of 7.1 years and an overall discounted payback of 9.1 years. The budget also included \$61,500 of selective minimum maintenance work in the Creative Communications and Studio Arts Buildings and \$41,000 of health, safety and environment work in the Studio Arts Building.

*ref Energy Conservation - Approval of UW-Green Bay 3 bldgs, energy modifications, R 3438, p.27*

Resolution 3438 was moved by Regent Heckrodt, seconded by Regents Nikolay and O'Harrow, and unanimously adopted by the board.

Resolution 3438: That, upon the recommendation of the UW-Green Bay Chancellor and the Acting President of the University of Wisconsin System, authority be granted to plan, bid and construct the Three Buildings Energy Modifications Project at a total estimated cost of \$1,032,000 from GPR-supported General Obligation Bonding (\$903,060 - Energy Conservation Allocation, \$78,940 - Minimum Maintenance Allocation, and \$50,000 - Health, Safety and Environment Allocation).

*Budget Card - Approval of*

UW-Milwaukee Central Chilled Water System Modifications, R 3439, pp 27-28

Regent Heckrodt reported unanimous approval by the committee of the UW-Milwaukee central chilled water system modifications project at a total cost of \$1,761,000. In addition to \$1,389,000 of general obligation bonding provided in the 1985-87 capital budget, the project included \$372,000 of general obligation bonding supported energy conservation funds. The recommendations included in this request resulted from a 1982 consultant's study of the chilled water system, central plant capacities and individual building loads, potential future cooling loads to the year 2000, modifications to improve efficiency, and possible use of lake water as a cooling source.

*ref Energy Conservation - (same as above, but add "at UW-Milwaukee")*

The proposed project provided for installation of a 1,500 ton chiller, along with an extension of the campus chilled water distribution system to create a partial loop with a walk-through tunnel and chilled-water piping. In addition, there were several modifications to improve the efficiency and effectiveness of the distribution system. The DSFM staff also recommended that the project be expanded to include a plate heat exchanger to make greater use of lake water for cooling and it was this portion of the project which was funded from the energy conservation allocation.

The original project was approved by the board at a cost of \$1,500,000 and by the Building Commission for inclusion in the authorized 1985-87 building program at a cost of \$1,585,000. With the additions recommended by the DSFM, the project budget could increase to \$1,945,000, the present cost estimate of \$1,761,000 being \$184,000 below that total.

Upon motion by Regent Heckrodt, seconded by Regents Nikolay and Veneman, the following resolution was adopted unanimously by the board.

Resolution 3439: That, upon the recommendation of the UW-Milwaukee Acting Chancellor and the Acting President of the University of Wisconsin System, the concept and budget report be approved and authority be granted to prepare final plans and specifications, bid and construct the 1985-87 Central Chilled Water System Modifications project at a cost of \$1,761,000 (General Fund Supported Borrowing, \$1,389,000 and General Fund Supported Borrowing - Energy Conservation Allocation, \$372,000).

Bldgs + Land - Approval of  
~~UW-Madison: Approval of Clinical Science Center Energy Modifications - Phase II Project, R 3440, p. 28~~

The committee unanimously approved a request for authority to complete final plans, bid and construct phase II of the UW-Madison Clinical Science Center energy modification project, at an estimated cost of \$1,560,000. Funding would be split, with \$717,600 provided by general obligation bonding and \$842,400 from program revenues.

Clinical Science Center - (same)  
 The concept and budget report approved by the board in July 1984 identified the general construction, electrical, plumbing/heating, and ventilating/air conditioning work to be undertaken in the Clinical Science Center to achieve energy conservation savings. However, due to financial and construction constraints, the project was to be designed and constructed in two phases, with only phase I approved in the 1984 action. Bid in September 1985, phase I was now under construction. This request would allow planning to take place so that phase II could be undertaken upon completion of phase I.

Energy Conservation - (same)  
 It was moved by Regent Heckrodt, seconded by Regent O'Harrow and carried unanimously that Resolution 3440 be adopted by the board.

Resolution 3440: That, upon the recommendation of the UW-Madison Chancellor and the Acting President of the University of Wisconsin System, authority be granted to prepare final plans and specifications, bid and construct a 1983-85 Clinical Science Center Energy Modifications - Phase II project at UW-Madison at a total estimated cost of \$1,560,000 from 1983-85 General Fund Supported Borrowing - Energy Conservation Allocation (\$717,600) and UW Hospital and Clinics Program Revenues (\$842,400).



UW-Eau Claire Upper Campus Steam Service Line Replacement, R 3441, p. 29

Reporting unanimous committee approval of the upper campus steam-service line replacement project at UW-Eau Claire for a cost of \$59,800, Regent Heckrodt said the project provided for abandonment of 270 lineal feet of obsolete and temporarily repaired low-pressure, direct-burial steam supply/condensate return service line between Horan and Governor's residence halls at UW-Eau Claire and extension of the existing upper campus high pressure steam service system to Governor's Residence Hall. This 22-year old, low pressure steam service line failed in 1984, and temporary repairs had to be made. To assure that university operations were not disrupted by another failure of this line, it was considered advisable to undertake a permanent solution to the problem.

Energy Conservation - (same - add "at UW-Eau Claire")

Regent Heckrodt moved and Regent O'Harrow seconded Resolution 3441, which was unanimously adopted by the board.

Resolution 3441: That, upon the recommendation of the UW-Eau Claire Chancellor and the Acting President of the University of Wisconsin System, authority be granted to plan, bid and construct an Upper Campus Steam Service Line Replacement project at a cost of \$59,800 from General Fund Supported Borrowing - Minimum Maintenance Allocation.

Report of the Vice President

Opening of Bids and Building Commission Actions

In the report of the Vice President, the committee was informed that bids for the UW-Oshkosh primary electrical distribution system repairs project, opened on November 13, 1985, totaled \$813,000, which was \$40,000 below the approved budget.

The State Building Commission approved all UW System requests, with three exceptions which had no significant impact.

UW-Stevens Point -

Report on Telecommunications Systems for UW-Stevens Point and UW-Superior, pp 29-31

Reporting on these presentations to the committee, Regent Heckrodt said David L. Coker, Assistant to the Chancellor, spoke about the newly installed system at UW-Stevens Point which involved voice, data and the capability for video; and Dick Johnson, the Controller at UW-Superior, discussed the voice-only system which that university had purchased in 1982. In each instance, the systems appeared to have met or exceeded expectations related to cost savings, increased capabilities, and user satisfaction. Representatives from both institutions stated they were pleased with having made the purchase and endorsed acquisition of systems for other campuses.

UW-Superior - (same)

Telecommunications - (same)

A number of interesting capabilities of the system at UW-Stevens Point were described, including access to instructional materials by students through their computers and the ability to pick up foreign television programs for use in language courses and international studies programs. Arrangements were to be made for UW-Stevens Point staff to provide a demonstration for the regents of the broad range of capabilities offered by this new technology. For those unable to attend on the date selected, individual demonstrations could be given. These presentations were made to provide background to the committee concerning requests for proposals being solicited for telecommunication systems for UW-Eau Claire, UW-Green Bay and UW-Whitewater. In October, the committee was advised that estimated costs would range between \$600,000 at UW-Green Bay to \$2 million at UW-Eau Claire. Based on the cost of these acquisitions and the ramifications of purchasing them rather than continuing to lease the systems, the committee indicated its desire to review and act on the proposed acquisitions prior to their being submitted to the State Building Commission. The time schedule for securing board, Department of Administration and State Building Commission approvals was restricted, since it was thought necessary to sign contracts in January to enable installation of the systems in the summer of 1986. The bids received in November were being analyzed, after which they must be reviewed and accepted by the Department of Administration, which would not be possible until late December. While a resolution could not be presented at this meeting, background information, a system administration recommendation, and a resolution could be provided to all regents in time to allow consideration before the January Building Commission meeting. It was suggested action might then be taken by the board's Executive Committee.

In discussion at the board meeting, Regent Hanson asked if the institutions' various systems would all be able to communicate with each other.

Replying in the affirmative, Mr. Francis George, system purchasing director, explained that there was concentration on campus activity, since 60-80 percent of voice traffic and 90-100 percent of data traffic was within campus boundaries. Indicating that all PBXs marketed in the country had to be compatible with the national network, he added that another effort in which the UW System had participated concerned replacement of the state government telephone system, which the Building Commission was to consider in December.

Regent Hanson inquired about funding for these systems.

Indicating that the money would have to come from the operating budget, Mr. George explained current rental for telephone systems would be leveraged to pick up systems with newer, less expensive technology, as well as to gain considerable capabilities in the data area. The major question to be addressed in that regard was the payback period based on the life cycle for these systems. Funding would come from general purpose revenue/program revenue, with the possibility of some borrowing, the rates for which were between 7.5 and 9.5 percent.

Regent Heckrodt added that the money was available and that the manner of acquisition would be the way deemed most attractive and least costly to the University System.

Building Program

Approval of UW System Small Projects Funding Program for "all agency" funds

Continuing the report of the Physical Planning and Development Committee, Regent Heckrodt presented Resolution 3442, which was unanimously approved by the committee. The proposal, involving projects of \$100,000 or less, would delegate to the Vice President for Physical Planning and Development the same authority as the State Building Commission extended to its Secretary in June 1985. This authority allowed the Secretary to approve initiation of projects that cost \$100,000 or less and were to be funded from "all agency" allocations, which were provided to the Building Commission rather than to individual agencies. Projects to be funded from system-specific allocations would continue to be approved through current procedures which required regent action if the budget exceeded \$30,000.

R 3442, pp 31-32

Under the present process, requests could not be submitted to the Division of State Facilities Management until the board had reviewed and acted on them. Meanwhile, other state agencies were able to secure commitment of these limited funds for which there was considerable interagency competition. Individual universities would still be required to submit their requests to system administration, and there would be no change in the stringent internal review process which had always taken place prior to bringing a project to the board. Since each request would have to be fully justified and withstand this review before being sent to the DSFM, the process would continue to provide an adequate system of checks and balances. The board would be given quarterly reports on the cost, nature and location of each project implemented through this procedure during the preceding three months.

Regent Heckrodt moved and Regent Saunders seconded adoption by the board of the following resolution:

Resolution 3442: That, upon the recommendation of the Acting President of the University of Wisconsin System, the Board of Regents extends to the Vice President for Physical Planning and Development (or his designee) the same authority as is extended to the Secretary of the State Building Commission under Commission Policy XIII.B.2.d. (on file with the papers of this meeting) as presently written and as may be amended in the future.

Building Commission, State - Same authority to UW System as Building Commission for approval of "all agency" building funds, R 3442, pp 31-32

new card  
All Agency Building Funds - (same as immediately above)

[This policy presently provides that projects from the All-Agency Appropriations that are estimated to cost \$100,000 or less can be reviewed and approved by the Division of State Facilities Management without prior approval by the Commission. By this action, the Vice President for Physical Planning and Development (or his designee) is authorized to submit reviewed and approved projects to be funded from Statewide Allocations directly to the Division of State Facilities Management for implementation. Quarterly reports are to be provided of all requests implemented during the preceding three months utilizing this procedure.]

In discussion at the board meeting, Regent Fish asked for further clarification regarding the process for review and approval of these projects.

Regent Heckrodt explained that system administration would utilize the same thorough review procedures now followed in bringing projects to the regents. Although board action would no longer be required, the projects would be subject to review by the Board of Regents within three months, so that if any question arose, a project could still be stopped or modified at that time.

In response to an inquiry by Regent Weinstein, Interim Vice President Brown noted that there was a series of statewide allocations made to the Building Commission itself, rather than to individual agencies, and that all agencies could make applications for those funds. At the present time, when the UW System requested any project costing more than \$30,000, it came to the Physical Planning and Development Committee and then to the full Board of Regents, after which it was forwarded to the Division of State Facilities Management. Because Building Commission agendas were long and many small projects were not controversial, the Building Commission authorized its secretary to initiate those projects upon agency application without action by the Building Commission itself. Instead, the commission would receive the same kind of report that was proposed for the board. By removing the requirement for regent approval, the resolution would allow system requests to be submitted more promptly, thus eliminating the disadvantage at which the university was placed in competition for these funds by having to await regent approval.

Inquiring as to whether other state agencies were using this new process, Regent Weinstein commented that there was no purpose in having review by the board after the projects had already been approved.

Regent Fish noted that this proposal meant that neither the Building Commission nor the Board of Regents would act on projects of that size, except to the extent of reviewing quarterly reports.

It was indicated by Mr. Brown that about 65 percent of the projects were under \$100,000, but they only constituted around 16 percent of the dollar volume.

Regent Heckrodt added that the UW System used about 60 percent of "all-agency" funds and that additional flexibility would be helpful in protecting university interests.

Regent Fish observed that many people questioned the growing use of all-agency funds because of the interagency competition they stimulated.

Put to the vote, Resolution 3442 was unanimously adopted.

Concluding his report, Regent Heckrodt said the committee discussed two additional matters on which no action was taken: first, issues which the Physical Planning and Development Committee could submit to the Regent Study Group on the Future of the UW System; and second, the parking ramp situation at UW-Milwaukee, where several committees were investigating the corrective maintenance that would be required because of structural deterioration.

In discussion at the board meeting, Regent Weinstein inquired about the timetable for addressing the parking problem at the UW Hospital.

Regent Heckrodt replied that the matter was still before the planning committees at UW-Madison, after which a recommendation would be brought to the regents.

Acting Vice Chancellor Jay Noren added that discussion was still at an early stage, with no formal design having been made.

*✓ Regent - Meetings -*

ADDITIONAL RESOLUTIONS

*→ Approval of 1986-87 Schedule of Meetings, R 3443 EX C, p. 33*

Upon motion by Regent Weinstein, seconded by Regent Saunders and carried unanimously, the following motion was adopted:

Resolution 3443: That the 1986-87 Board of Regents' meeting schedule, dated December 6, 1985, be approved

(The meeting schedule is attached as EXHIBIT C.)

*✓ Regent - Meetings -*

*→ Acceptance of Invitation to Hold the May 1986 Meetings at UW-Milwaukee, R 3444, p. 33*

Regent Saunders moved and Regent Finlayson seconded the following resolution which was adopted unanimously:

Resolution 3444: That, at the invitation of Acting Chancellor Rees, the regent meetings scheduled for May 8 and 9, 1986, be held at UW-Milwaukee.

*x ref UW-Milwaukee - (same)*



*Regent - Meetings -*

Expression of Gratitude to Chancellor and Mrs. Shain, the Director and Staff of Elvehjem Museum *for hospitality the previous evening, p. 34*

The Secretary of the Board was requested to communicate to Chancellor and Mrs. Shain, the director of the Elvehjem and his staff the board's gratitude for the hospitality extended the previous evening.

- - -

At 12:05 p.m., the following resolution, moved by Regent Saunders, and seconded by Regent Nikolay, was unanimously adopted on a roll call vote, with Regents Clusen, Finlayson, Fish, Grover, Hanson, Heckrodt, Knowles, Lawton, Nikolay, O'Harrow, Saunders, Schenian, Veneman and Weinstein voting "Aye" (14), and no regents voting "No."

Resolution 3445: That the Board of Regents recess into closed session to consider personnel matters, as permitted by s. 19.85(1)(c), Wis. Stats., to consider personal histories, 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.

- - -

In closed session, the board heard preliminary review of honorary degrees for UW-Milwaukee.

- - -

The board arose from closed session at 12:15 p.m. and made no announcements.

The meeting was adjourned at 12:15 p.m.

*Julith A. Temby*  
\_\_\_\_\_  
Julith A. Temby  
Secretary

GIFTS, GRANTS AND CONTRACTS  
DEC 06, 1985

## UNIVERSITY OF WISCONSIN - MADISON

## EXTENSION AND PUBLIC SERVICE

- |    |   |  |           |
|----|---|--|-----------|
| 1. | AMERICAN CYANAMID COMPANY<br>WAYNE, NJ<br>PESTICIDE APPLICATOR TRAINING PROGRAM<br>MSN AG&LSC AGRONOMY  | (133-J802)                             | 2,000.00  |
| 2. | WISCONSIN DAIRY HERD IMPROVEMENT COOPERATIVE<br>MADISON, WI<br>ADMINISTRATION OF THE OFFICIAL DAIRY HERD<br>IMPROVEMENT PROGRAM 1985-86<br>MSN AG&LSC DAIRY SCIENCE | (133-J803)                             | 32,000.00 |
| 3. | FORAGE EVALUATION PROGRAM<br>MSN AG&LSC AGRONOMY  | (133-8832)                             |           |
|    | 3,000.00  | CELPRIL INDUSTRIES, INC<br>MANTECA, CA |           |
|    | 664.00  | MULTIPLE DONORS                        |           |
|    |   |  | 3,664.00  |

## GIFT-IN-KIND

- |    |   |  |  |
|----|---|--|--|
| 1. | MR. AND MRS. CLYDE SELIX<br>MADISON, WI<br>ONE FRAMED PRINT ENTITLED "THE CHAIRS OF JULY"<br>MSN UNION GENERAL  |  |  |
| 2. | INTEL CORPORATION<br>SANTA CLARA, CA<br>MODEL 86 310-3 COMPUTER SYSTEM ; WITH 1 RMX<br>OPERATING SYSTEM, ASM-86, PLM-86, FORTRAN AND<br>PASCAL SOFTWARE.<br>MSN ENGR ELEC & COMP ENGR   |  |  |
| 3. | THE CORPORATION FOR ENTERTAINMENT & LEARNING, INC.<br>NEW YORK, N.Y.<br>VISUAL ENCYCLOPEDIA OF THE TWENTIETH CENTURY,<br>75 ONE-HOUR VIDEOCASSETTES TOGETHER WITH A<br>COMPREHENSIVE 3,000 PAGE INDEX SYSTEM AND<br>FACTBOOK<br>MSN EDUC GENERAL ADMIN DEAN'S OFC |  |  |
| 4. | MR. ERWIN K. WELSCH<br>MADISON, WI<br>210 TITLE DEALING WITH THE SCANDINAVIAN<br>COUNTRIES.<br>MSN LIBR GENERAL LIBRARY LIB ACQSTN  |  |  |
| 5. | DIGITAL EQUIPMENT CORPORATION<br>HUDSON, MASSACHUSETTS<br>VAX STATION II WITH ETHERNET ACCESSORIES.<br>MSN L&S COMPUTER SCI   |  |  |
| 6. | VERNON HALL<br>CLEVELAND, OHIO<br>ARCHAEOLOGICAL SPECIMENS (BRONZES, POTTERY, ETC.)<br>MSN L&S ANTHROPOLOGY   |  |  |

GIFTS, GRANTS AND CONTRACTS  
DEC 06, 1985

UNIVERSITY OF WISCONSIN - MADISON

## GIFT-IN-KIND

7. PROF. WILLIAM L. WILLIAMSON  
MADISON, WI  
ARTICLES OF RELIGION OF THE CHURCH OF ENGLAND,  
1571 AS WELL AS DOCUMENTS AND ARTICLES CONCERNING  
IT.  
MSN LIBR GENERAL LIBRARY LIB ACQSTN
8. FREDERICKA PAFF  
MADISON, WI  
CLOTHING  
MSN L&S THEATRE & DRAMA
9. MR. BILL MOOMEY  
MUKWONAGO, WI  
SURGICAL BRACE FOR LARGE ANIMALS (KRONER DEVICE)  
MSN VET M SURGICAL SCI
10. DR. HANIA W. RIS  
MADISON, WI  
CLOTHING  
MSN L&S THEATRE & DRAMA
11. MRS. MARY B. MACK  
MADISON, WI  
CLOTHING  
MSN L&S THEATRE & DRAMA
12. PROF. NORMAN P. SACKS  
MADISON, WI  
7 MONOGRAPHS, 137 JOURNAL ISSUES  
MSN LIBR GENERAL LIBRARY LIB ACQSTN

## INSTRUCTION

1. NORTHERN TRUST COMPANY  
CHICAGO, IL  
HAIGHT, KATHLEEN  
HAIGHT, KATHLEEN M.--LAW SCHOOL PROFFESORSHIP  
MSN LAW LAW SCHOOL ( TRUST ) 65,864.63
2. STEIGER, RUTH EXECUTOR  
BUFFALO, NY  
ALLEN PETER T. BEQUEST  
ALLEN, PETER T.--PROFESSORSHIP IN THE SCHOOL OF  
BUSINESS  
MSN BUS SCH OF BUSINESS ( TRUST ) 500,000.00
3. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
INITIATIVES IN FAMILY FOCUSED HOME ECONOMICS  
CURRICULUM PROGRAMS FOR STUDENTS WITH SPECIAL  
NEEDS  
FOR THE PERIOD 11-01-85 THROUGH 06-30-86  
AWARD # P.O. PAF 01184  
MSN FR&CS FAM RSRC&CNM SC FAM RSRC&C (144-X348) 22,937.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MADISON

## INSTRUCTION

4. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC  
HAZARDOUS WASTE MANAGEMENT TRAINING CENTER  
FOR THE PERIOD 08-20-84 THROUGH 06-30-86  
AT A TOTAL COST OF \$250,000.00  
AWARD # T-901519-01-O, MOD. 1  
MSN ENGR ENGR EXPER STA CIVIL&ENV (144-U944) 100,000.00
5. WISC DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
COMMUNITY EDUCATION PROGRAM FOR THE PERIOD  
07-01-85 THRU 06-30-86  
AWARD # P.O. PAF 01324  
MSN EDUC EDUC ADMIN (133-J765) 20,000.00
6. MULTIPLE DONORS  
SUPPORT AGRICULTURAL ECONOMICS GRADUATE TRAINING  
PROGRAM  
MSN AG&LSC AG ECONOMICS (133-3859) 210.75

## LIBRARIES

1. TRACEY (THOMAS M) TRUST AGREEMENT  
JACKSONVILLE, FL  
LAW SCHOOL LIBRARY ACQUISITION FUND  
MSN LAW LIBRARY (133-F070) 2,385.88

## MISCELLANEOUS

1. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
CHEMICAL ENGINEERING DISCRETIONARY FUND  
MSN ENGR CHEMICAL ENGR ( TRUST ) 15,000.00
2. ALEXANDER VAN HUMBOLT FOUNDATION  
NEW YORK, NY  
AGRICULTURE & LIFE SCIENCES GENERAL INSTRUCTION  
MSN AG&LSC ADMIN-DEAN & DIR ( TRUST ) 2,500.00
3. OLD, A.J.  
GEELONG, AUSTRALIA  
DEPARTMENT OF BACTERIOLOGY DISCRETIONARY FUND  
MSN AG&LSC BACTERIOLOGY ( TRUST ) 5.00
4. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
THE FUND IS AVAILABLE FOR SEMINAR SPEAKERS,  
RECEPTIONS AND ENTERTAINMENT OF GUESTS THAT  
VISIT THE DEPARTMENT FOR SCIENTIFIC PURPOSES.  
DEPARTMENT OF BACTERIOLOGY-SEMINAR SPEAKERS FUND  
MSN AG&LSC BACTERIOLOGY ( TRUST ) 3,300.00
5. KELAB, INC  
MADISON, WI  
HILLDALE FUND  
MSN G E A UNIVERSITY ADMIN CHANCELLOR ( TRUST ) 185,000.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

6. FIRST BANKING CENTER  
BURLINGTON, WI  
DWYER, MARIE Z.  
FINAL DISTRIBUTION  
DWYER, MARIE Z.--HUMANITIES  
MSN L&S ( TRUST ) 5,844.79
7. CARLSON, ELLEN M. ESTATE  
MARINETTE, WI  
GIBEAULT & CHRISTENSEN PERS REP  
CARLSON, ELLEN M. ESTATE  
MSN FR&CS FAM RSRC&CNSM SC FAM RSRC&C ( TRUST ) 12,000.00
8. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
DEVELOPING A PILOT PROGRAM FOR AN AGRICULTURAL  
EDUCATION DATA NETWORK FOR THE STATE OF  
WISCONSIN  
FOR THE PERIOD 09-01-85 THROUGH 06-30-86  
AWARD # P.O. PAF 01173  
MSN AG&LSC CONT & VOC EDUC (144-X339) 35,270.00
9. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
SINGLE PARENT CAREER SURVIVAL KIT  
FOR THE PERIOD 07-01-85 THROUGH 06-30-86  
AWARD # P.O. PAF 01188  
MSN EDUC WIS VOC STU CTR W VOC ST C (144-X343) 57,799.00
10. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
A GUIDE TO CURRICULUM DEVELOPMENT IN MARKETING  
EDUCATION, PHASE I  
FOR THE PERIOD 07-01-85 THROUGH 06-30-86  
AWARD # P.O. PAF 01183  
MSN EDUC WIS VOC STU CTR W VOC ST C (144-X350) 45,535.00
11. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
DEVELOPMENT OF A RESOURCE UNIT FOR THE TEACHER  
OF AGRICULTURE: COMPUTERS IN THE CLASSROOM  
FOR THE PERIOD 09-01-85 THROUGH 06-30-86  
AWARD # P.O. PAF 01175  
MSN AG&LSC CONT & VOC EDUC (144-X357) 5,445.00
12. FERMI NATIONAL ACCELERATOR LABORATORY  
BATAVIA, IL  
PRIME CONTRACTOR WITH DOE  
FERMILAB'S SUPERCONDUCTING WIRE PROGRAM  
FOR THE PERIOD 09-01-83 THROUGH 03-31-86  
AT A TOTAL COST OF \$179,627.77  
AWARD # P.O. 93582, MOD. 5  
MSN ENGR ENGR EXPER STA SUPRCONDCT (144-T772) 26,400.00



GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

13.	NATIONAL ENDOWMENT FOR THE HUMANITIES WASHINGTON, DC HUMANISTIC TRADITIONS OF CLASSICAL INDIA: SIX DOCUMENTARY FILMS FOR THE PERIOD 04-01-84 THROUGH 03-31-86 AT A TOTAL COST OF \$150,000.00 AWARD # EH-20405-84, MOD. 1 MSN L&S SO ASIAN STUDIES	(144-U686)	50,000.00
14.	UNIVERSITY PEDIATRIC ASSOCIATES MADISON, WI DEPARTMENT OF PEDIATRICS CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-A528)	2,103.00
15.	MULTIPLE DONORS DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS	(133-A751)	335.00
16.	WISCONSIN LAW ALUMNI ASSOCIATION MADISON, WI DEFRAY SALARY OF EXECUTIVE DIRECTOR OF WISCONSIN LAW ALUMNI ASSOCIATION MSN LAW LAW SCHOOL	(133-A829)	4,493.38
17.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRIENDS OF THE ELVEHJEM ART CENTER MSN L&S ELVJM MUSEUM ART	(133-B163)	1,000.00
18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HERBARIUM EXPENSES MSN L&S BOTANY	(133-B291)	1,000.00
19.	EASTMAN KODAK COMPANY ROCHESTER, NY DISCRETIONARY GRANT FOR THE DEPARTMENT OF STUDENTS IN THE KODAK SCHOLARS' PROGRAM MSN ENGR CHEMICAL ENGR	(133-C485)	900.00
20.	EASTMAN KODAK COMPANY ROCHESTER, NY DISCRETIONARY GRANT FOR THE DEPARTMENT OF STUDENTS IN THE KODAK SCHOLARS' PROGRAM MSN ENGR INDUSTRIAL ENGR	(133-C486)	1,650.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF AGRICULTURAL ENGINEERING CHAIRMAN'S DISCRETIONARY ACCOUNT MSN AG&LSC AG ENGINEERING	(133-C852)	8,000.00

GIFTS, GRANTS AND CONTRACTS  
DEC 06, 1985

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL ENGINEERING PROGRAM MSN ENGR ENGR EXPER STA EL&COMPUT (133-C932)	10,500.00
23.	SHELL COMPANIES FOUNDATION INCORPORATED HOUSTON, TX SHELL AID IN GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSICS (133-D295)	10,000.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CAD/CAM PROGRAM MSN ENGR ENGR EXPER STA CMPTR-AID (133-D807)	20,010.00
25.	MONSANTO COMPANY ST. LOUIS, MO UNRESTRICTED GRANT TO THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-D910)	3,000.00
26.	EASTMAN KODAK COMPANY ROCHESTER, NY DISCRETIONARY GRANT FOR THE DEPARTMENT OF STUDENTS IN THE KODAK SCHOLARS' PROGRAM MSN ENGR ELEC & COMP ENGR (133-E192)	600.00
27.	MULTIPLE DONORS ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY (133-E647)	880.00
28.	UNIVERSITY ONCOLOGISTS MADISON, WI SUPPORT ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY (133-E649)	4,000.00
29.	MOBAY CHEMICAL CORPORATION PITTSBURGH, PA UNRESTRICTED GRANT TO THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-E937)	1,000.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GEOLOGY AND GEOPHYSICS CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S GEOL & GEOPHYSICS (133-E941)	30,000.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN HERBARIUM FUND MSN L&S BOTANY (133-F151)	1,000.00
32.	MULTIPLE DONORS WISCONSIN PUBLIC UTILITIES INSTITUTE MSN BUS SCH OF BUSINESS (133-F507)	125.00

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33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY GRANT IN THE DEPARTMENT OF METALLURGICAL AND MINERAL ENGINEERING MSN ENGR ENGR EXPER STA MET & MIN (133-F737)	1,000.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT FOR THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-F963)	5,000.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STAFF DEVELOPMENT, TRAVEL AND EXPENSES ASSOCIATED WITH A NATIONAL FILM PROJECT MSN G SERV OFF OF INF SVCS (133-G613)	300.00
36.	MULTIPLE DONORS UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-G952)	1,000.00
37.	KASISKA (HELEN A) TRUST BARABOO, WI RAYMOND J KASISKA MEMORIAL MSN LAW LAW SCHOOL (133-J744)	1,996.83
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BABCOCK HORTICULTURAL GARDENS MSN AG&LSC HORTICULTURE (133-J754)	10,000.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT MSN ENGR ADMINISTRATION (133-J771)	5,000.00
40.	MARK (CAROLINE S) WAUSAU, WI DEFRAY COST OF PURCHASE OF FILM: "WHEN YOU WORE A TULIP AND I WORE A BIG RED ROSE" MSN L&S COMMUN ARTS FLM&THEA R (133-J772)	1,023.01
41.	MULTIPLE DONORS DEPARTMENT OF HEBREW AND SEMITIC STUDIES UNRESTRICTED ACCOUNT MSN L&S HEBREW & SEM STU (133-J773)	500.00
42.	NATIONAL ASSOCIATION FOR PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU (133-J775)	300.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WOMEN'S STUDIES PROGRAM MSN L&S WOMEN'S STUDIES (133-J776)	500.00

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44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MAINTENANCE OF ZIEMANN LOUNGE AT THE WAISMAN CENTER MSN GRAD WAISMAN CENTER (133-J782)	250.00
45.	WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI MARKETING EDUCATION AWARD # P.O.#PAF 00154, PAF 00100 MSN EDUC CONTIN & VOC ED (133-J792)	450.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HAROLD AND LUCILLE VOLLAND MEMORIAL FUND MSN AG&LSC MEAT& ANIMAL SCI (133-J795)	500.00
47.	DOW CHEMICAL COMPANY FOUNDATION MIDLAND, MI DEAN'S DISCRETIONARY ACCOUNT-QUANTITATIVE ANALYSIS MSN BUS SCH OF BUSINESS (133-J811)	1,000.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS (133-0179)	3,331.40
49.	MADISON CIVIC MUSIC ASSOCIATION MADISON, WI SCHOOL OF MUSIC CHAIRMAN'S DISCRETIONARY FUND MSN L&S SCHOOL OF MUSIC (133-0199)	5,852.00
50.	SHELL COMPANIES FOUNDATION INCORPORATED HOUSTON, TX SHELL AID IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR (133-0368)	10,000.00
51.	WISCONSIN LAW ALUMNI ASSOCIATION MADISON, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL (133-2128)	8,111.88
52.	MONSANTO COMPANY ST. LOUIS, MO CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR (133-3236)	3,000.00
53.	ATLANTIC RICHFIELD FOUNDATION LOS ANGELES, CA DEPARTMENT OF GEOLOGY & GEOPHYSICS CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOL & GEOPHYSICS (133-4575)	5,000.00

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54.	VRIJE UNIVERSITEIT AMSTERDAM, NETHERLANDS LAND TENURE CENTER TRAINING PROGRAM FUND MSN AG&LSC LAND TENURE CTR	(133-5269)	2,490.00
55.	WASHINGTON UNIVERSITY ST. LOUIS, MO CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS	(133-5984)	17,202.00
56.	UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY	(133-6225)	
	725.00 MULTIPLE DONORS 5,000.00 NORMAN A & RUTH E VIERK WEST LAFAYETTE, IN		5,725.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND MSN ENGR ADMINISTRATION	(133-6370)	1,500.00
58.	UNIVERSITY OPHTHALMOLOGY ASSOCIATES MADISON, WI SUPPORT ACTIVITIES OF THE DEPARTMENT OF OPHTHALMOLOGY MSN HS-MED OPHTHALMOLOGY	(133-6979)	9,338.41
59.	MUELLER (THERESA CATHERINE) SCHOLARSHIP TRUST MADISON, WI AWARD TO STUDENT (S) AS WINNER (S) IN CONTEST FOR EXCELLENCE IN WRITING SHORT STORIES, ONE-ACT PLAYS OR BOTH AS DETERMINED BY UNIVERSITY OF WISCONSIN ENGLISH DEPARTMENT FACULTY MSN L&S ENGLISH	(133-7449)	919.00
60.	MULTIPLE DONORS LONGENECKER HORTICULTURAL AREAS DEVELOPMENT FUND MSN ARBOR ARBORETUM	(133-7854)	25.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY	(133-9597)	17,875.61

## RESEARCH

1.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEYER, O. O.--CLINICAL TEACHING MSN HS-MED	( TRUST )	16,300.00
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2.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UROLOGY RESEARCH FUND MSN HS-MED SURGERY	UROLOGY	( TRUST )	9,600.00
3.	YOUNG, KARL MENOMONIE, WI DEPARTMENT OF PLANT PATHOLOGY RESEARCH ON RED KIDNEYS MSN AG&LSC PLANT PATHOLOGY		( TRUST )	1,000.00
4.	MOBAY CHEMICAL CORPORATION KANSAS CITY, MO PLANT DISEASE RESEARCH FUND MSN AG&LSC PLANT PATHOLOGY		( TRUST )	2,000.00
5.	WISCONSIN COUNCIL OF THE BLIND MADISON, WI WISCONSIN COUNCIL OF THE BLIND--EYE RESEARCH FUND MSN HS-MED OPHTHALMOLOGY		( TRUST )	1,000.00
6.	HOLT, RINEHART & WINSTON NEW YORK, NY SCHOOL OF EDUCATION--WISCONSIN CENTER FOR EDUCATION MSN EDUC GENERAL ADMIN DEAN'S OFC		( TRUST )	3.10
7.	WISCONSIN CLINICAL CANCER CENTER--RESEARCH MSN HS-MED HUMAN ONCOLOGY		( TRUST )	
	470.00 MULTIPLE DONORS			
	348.00 MULTIPLE DONOR			
				818.00
8.	COHEN, BENJAMIN PAUL--MEMORIAL INCOME ONLY FOR RESEARCH IN TESTIS CANCER COHEN, BENJAMIN PAUL--MEMORAIL MSN HS-MED HUMAN ONCOLOGY		( TRUST )	
9.	ALBERT, MERLIN ESTATE-HORICON, WI FUND IS AVAILABLE FOR CANCER RESEARCH OR OTHER MEDICAL RESEARCH AT THE DISCRETION OF THE MEDICAL SCHOOL. ALBERT, MERLIN E.--RESEARCH FUND MSN HS-MED		( TRUST )	53,015.41
10.	AGRICULTURE, DEPT. OF HYATTSVILLE, MD EVALUATION OF ALFALFA WEEVIL BIOCONTROL PROGRAM & ALFALFA WEEVIL STRAIN IDENTIFICATION (AGREEMENT CANCELLED-INDIVIDUAL PUT ON USDA PAYROLL) FOR THE PERIOD 10-01-85 THROUGH 01-31-86 AWARD # 12-16-81-008, MOD. 1 MSN AG&LSC ENTOMOLOGY		( 144-X303 )	9,035.00-

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| 11. | AGRICULTURE, DEPT. OF<br>WASHINGTON, DC<br>JOINT STUDIES WITH SOLANUM GERMPLASM<br>FOR THE PERIOD 03-01-84 THROUGH 02-28-87<br>AT A TOTAL COST OF \$56,200.00<br>AWARD # 58-319R-4-045, MOD. 1<br>MSN AG&LSC PLANT PATHOLOGY  | (144-U209) | 16,200.00  |
| 12. | ACCESS TO INDEPENDENCE, INC<br>MADISON, WI<br>PRIME CONTRACTOR WITH DED<br>ACCESS TO COMPUTERS FOR VOCATIONAL USE BY<br>SEVERELY HANDICAPPED INDIVIDUALS<br>FOR THE PERIOD 09-30-85 THROUGH 09-29-86<br>AWARD # AGR DTD 11-04-85<br>MSN GRAD WAISMAN CENTER   | (144-X240) | 27,392.00  |
| 13. | WI DEPT OF HEALTH & SOCIAL SERVICES<br>MADISON, WI<br>PRIME CONTRACTOR WITH DHHS<br>RESEARCH INTO AND DESIGN OF A REFORMED CHILD<br>SUPPORT ENFORCEMENT PROGRAM<br>FOR THE PERIOD 08-25-80 THROUGH 12-31-85<br>AT A TOTAL COST OF \$961,526.76<br>AWARD # AGR DTD 01/06/82, MOD. 10<br>MSN L&S INST-RES ON POV          | (144-Q058) | 35,100.00  |
| 14. | WI DEPT OF HEALTH & SOCIAL SERVICES<br>MADISON, WI<br>PRIME CONTRACTOR WITH DHHS<br>RESEARCH INTO AND DESIGN OF A REFORMED CHILD<br>SUPPORT ENFORCEMENT PROGRAM<br>FOR THE PERIOD 07-01-85 THROUGH 06-30-86<br>AWARD # P.O. FDF 31484<br>MSN L&S INST-RES ON POV  | (144-W857) | 370,432.00 |
| 15. | WI DEPT OF HEALTH & SOCIAL SERVICES<br>MADISON, WI<br>PRIME CONTRACTOR WITH DHHS<br>PROTECTIVE BEHAVIORS<br>FOR THE PERIOD 10-01-85 THROUGH 08-31-86<br>AWARD # P.O.# FDF 32333 PO<br>MSN GRAD WAISMAN CENTER   | (144-X344) | 7,500.00   |
| 16. | WI DEPT OF HEALTH & SOCIAL SERVICES<br>MADISON, WI<br>PRIME CONTRACTOR WITH DHHS<br>EDUCATION FOR MEDICALLY FRAGILE CHILDREN<br>FOR THE PERIOD 10-01-85 THROUGH 08-31-86<br>AWARD # P.O.# FDF 32334 PO<br>MSN GRAD WAISMAN CENTER   | (144-X345) | 7,500.00   |
| 17. | WI DEPT HEALTH & SOCIAL SERVICES<br>MADISON, WI<br>PRIME CONTRACTOR WITH DHHS<br>TECHNICAL ASSISTANCE, DEVELOPMENT AND PROVISION<br>OF MEDICAL INFORMATION FOR HEALTH SERVICES<br>ON WISCONSIN INDIAN RESERVATIONS<br>FOR THE PERIOD 10-15-85 THROUGH 09-15-86<br>AWARD # P.O.# FDF 32337 PO<br>MSN GRAD WAISMAN CENTER | (144-X346) | 5,000.00   |

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18. DHHS, OFFICE OF THE SECRETARY  
WASHINGTON, DC  
AID FOR CONTRACEPTIVE DECISION MAKING  
FOR THE PERIOD 11-01-85 THROUGH 12-31-86  
AWARD # FPR 000039-01-0  
MSN ENGR ENGR EXPER STA HLTH SYS'S (144-X358) 127,777.00
19. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) POSTDOCTORAL FELLOWSHIP AWARD  
(REDUCTION DUE TO EARLY TERMINATION OF FELLOW)  
FOR THE PERIOD 11-01-84 THROUGH 09-30-85  
AT A TOTAL COST OF \$18,587.00  
AWARD # 5 F32 CA07520-02, MOD. 2  
MSN L&S CHEMISTRY (144-W116) 1,417.00-
  - 2) BIOLOGY AND EXPERIMENTAL THERAPY OF BREAST CANCER  
FOR THE PERIOD 09-30-85 THROUGH 09-29-86  
AWARD # 2 PO1 CA20432-09  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-X297) 585,043.00
  - 3) POSTDOCTORAL FELLOWSHIP AWARD  
FOR THE PERIOD 11-01-85 THROUGH 10-31-86  
AWARD # 1 F32 GM10857-01  
MSN AG&LSC BIOCHEMISTRY (144-X360) 18,996.00
  - 4) THE USE OF MICROBIAL SYSTEMS IN  
ORGANIC SYNTHESIS  
FOR THE PERIOD 12-01-85 THROUGH 11-30-86  
AWARD # 5 RO1 GM33149-06  
MSN HS-PHR PHARMACY (144-X367) 116,739.00
  - 5) STEREOCHEMISTRY OF POLYKETIDE ANTIBIOTIC  
BIOSYNTHESIS  
FOR THE PERIOD 12-01-85 THROUGH 11-30-86  
AWARD # 2 RO1 GM25799-07  
MSN HS-PHR PHARMACY (144-X371) 161,641.00
  - 6) RNA POLYMERASE SIGMA SUBUNIT: STRUCTURE  
AND FUNCTION  
FOR THE PERIOD 12-01-85 THROUGH 11-30-86  
AWARD # 2 RO1 GM28575-06  
MSN HS-MED ONCOLOGY (144-X373) 139,836.00
  - 7) HYPOTHALAMIC CONTROL OF PUBERTY  
FOR THE PERIOD 12-01-85 THROUGH 11-30-86  
AWARD # 5 RO1 HD11355-08  
MSN L&S PRIMATE RES CTR (144-X374) 111,023.00
  - 8) POSTDOCTORAL FELLOWSHIP AWARD  
FOR THE PERIOD 12-01-85 THROUGH 11-30-86  
AWARD # 1 F32 GM10982-01  
MSN GRAD MOLECULAR BIOL (144-X375) 18,996.00

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| 9)  | POSTDOCTORAL FELLOWSHIP AWARD<br>FOR THE PERIOD 12-01-85 THROUGH 11-30-86<br>AWARD # 1 F32 GM10776-01<br>MSN GRAD MOLECULAR BIOL   | (144-X376) | 20,004.00  |
| 10) | CALCIUM-BINDING PROTEINS IN NERVOUS TISSUE<br>FOR THE PERIOD 12-01-85 THROUGH 11-30-86<br>AWARD # 5 RO1 NS11652-12<br>MSN HS-MED PEDIATRICS  | (144-X377) | 113,456.00 |
| 11) | HYPOTHALAMIC CYTOARCHITECTONICS AND SEXUAL<br>DIMORPHISMS<br>FOR THE PERIOD 12-01-85 THROUGH 11-30-86<br>AWARD # 5 RO1 NS16643-06<br>MSN HS-MED NEUROPHYSIOLOGY  | (144-X379) | 69,749.00  |
| 12) | BEHAVIOR OF BACTERIA--BIOCHEMISTRY AND GENETICS<br>FOR THE PERIOD 12-01-85 THROUGH 11-30-86<br>AWARD # 5 RO1 AIO8746-18<br>MSN AG&LSC BIOCHEMISTRY   | (144-X381) | 144,918.00 |
| 13) | JUVENILE HORMONE MODE OF ACTION ON THE<br>EPIDERMAL CELL<br>FOR THE PERIOD 12-01-85 THROUGH 11-30-86<br>AWARD # 5 RO1 GM34257-02<br>MSN AG&LSC ENTOMOLOGY  | (144-X382) | 71,940.00  |
| 14) | TISSUE MIMICKING PHANTOMS FOR ULTRASOUND<br>HYPERTHERMIA<br>FOR THE PERIOD 12-01-85 THROUGH 11-30-86<br>AWARD # 5 RO1 CA38865-02<br>MSN HS-MED MEDICAL PHYSICS   | (144-X383) | 84,534.00  |
| 15) | GENETIC AND STATISTICAL ANALYSES OF TRNA<br>FOR THE PERIOD 12-01-85 THROUGH 11-30-86<br>AWARD # 5 RO1 AI10257-14<br>MSN AG&LSC BACTERIOLOGY  | (144-X384) | 246,533.00 |
| 16) | THERMAL MODELING FOR ULTRASOUND HYPERTHERMIA<br>FOR THE PERIOD 12-01-85 THROUGH 11-30-86<br>AWARD # 5 R23 CA37057-02<br>MSN HS-MED HUMAN ONCOLOGY RADIOPHYS  | (144-X390) | 49,070.00  |
| 20. | COLUMBIA UNIVERSITY<br>NEW YORK, NY<br>PRIME CONTRACTOR WITH DHHS PHS NIH<br>PRESBYOPIA; THE AGING PROCESS OF ACCOMODATIVE<br>MECHANISM<br>FOR THE PERIOD 04-01-85 THROUGH 03-31-86<br>AWARD # AGREEMENT #1 DTD 09/26/85<br>MSN HS-MED OPHTHALMOLOGY | (144-W847) | 101,339.00 |
| 21. | THE UNIVERSITY OF MINNESOTA<br>ST. PAUL, MN<br>PRIME CONTRACTOR WITH DHHS PHS NIH<br>EPIDEMIOLOGY OF ALL/NHL IN CHILDREN UNDER 16<br>FOR THE PERIOD 09-01-85 THROUGH 08-31-86<br>AWARD # P.O. D-04150<br>MSN HS-MED PEDIATRICS                       | (144-X334) | 1,477.00   |

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22. GEORGE WASHINGTON UNIVERSITY  
WASHINGTON, DC  
PRIME CONTRACTOR WITH DHHS PHS NIH  
OPHTHALMOLOGIC READING CENTER FOR THE DIABETES  
CONTROL/COMPLICATIONS TRIAL  
FOR THE PERIOD 10-01-82 THROUGH 11-30-85  
AT A TOTAL COST OF \$253,289.00  
AWARD # 82-S13, MOD. 5  
MSN HS-MED OPTHALMOLOGY (144-S770) 19,966.00
23. DOD, AIR FORCE  
BOLLING AFB, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) COLLISIONAL ENERGY TRANSFER IN HIGHLY  
VIBRATIONALLY EXCITED POLYATOMIC MOLECULES  
FOR THE PERIOD 11-01-85 THROUGH 10-31-86  
AWARD # AFOSR-86-0033  
MSN L&S CHEMISTRY (144-X337) 84,873.00
- 2) VORTICES IN LONG JOSEPHSON JUNCTIONS  
FOR THE PERIOD 11-15-85 THROUGH 11-14-86  
AWARD # AFOSR-86-0025  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-X389) 95,157.00
24. DOD, ARMY  
FREDERICK, MD  
FILMLESS RADIOGRAPHIC SYSTEM FOR FIELD USE  
FOR THE PERIOD 11-01-85 THROUGH 11-15-86  
AWARD # DAMD17-86-C-6039  
MSN HS-MED MEDICAL PHYSICS (144-X354) 190,000.00
25. DOD, ARMY  
WARREN, MICHIGAN  
IN SUPPORT OF THE FOLLOWING:
- 1) DEVELOPMENT OF A MODULAR TRANSIENT CYCLE ANALYSIS  
PROGRAM FOR THE ADIABATIC DIESEL AND OTHER  
COMPOUND DIESEL ENGINES  
FOR THE PERIOD 07-30-84 THROUGH 07-29-87  
AT A TOTAL COST OF \$519,650.00  
AWARD # DAAE07-84-C-R063, MOD. 2  
MSN ENGR ENGR EXPER STA MECH ENGR (144-U770) 200,000.00
- 2) DEVELOP AND IMPLEMENT TRANSIENT POWERTRAIN MODELS  
FOR VEHICLE SYSTEMS  
FOR THE PERIOD 07-31-85 THROUGH 10-31-86  
AT A TOTAL COST OF \$225,000.00  
AWARD # DAAE07-85-C-R092, MOD. 2  
MSN ENGR ENGR EXPER STA MECH ENGR (144-W992) 125,000.00
26. UNIVERSITY OF MINNESOTA  
ST PAUL, MN  
PRIME CONTRACTOR WITH DOD ARMY  
SUPPORT OF ONE GRADUATE STUDENT  
FOR THE PERIOD 10-01-84 THROUGH 09-30-86  
AT A TOTAL COST OF \$31,758.00  
AWARD # P O #B11862, MOD. 2  
MSN GRAD SYNCHR RAD CTR (144-W114) 16,416.00

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27. DOD, NAVY  
ARLINGTON, VA  
IN SUPPORT OF THE FOLLOWING:
- 1) PHOTOELECTRON DIFFRACTION STUDIES OF METAL-  
SEMICONDUCTOR INTERFACES AND OF CHEMISORBED ATOMS  
AND MOLECULES ON SEMICONDUCTOR SURFACES  
FOR THE PERIOD 09-01-80 THROUGH 09-30-86  
AT A TOTAL COST OF \$264,341.00  
AWARD # NO0014-80-C-0908, MOD. 5  
MSN L&S PHYSICS (144-Q108) 54,000.00
  - 2) STUDIES OF RISK: PERCEPTION AND PREFERENCE  
FOR THE PERIOD 10-15-83 THROUGH 10-14-86  
AT A TOTAL COST OF \$114,745.00  
AWARD # NO0014-84-K-0065, MOD. 2  
MSN L&S PSYCHOLOGY (144-T866) 41,687.00
28. DOD, NAVY  
WASHINGTON, DC  
OVERLAPPING GRIDS FOR INCOMPRESSIBLE FLOWS  
FOR THE PERIOD 01-01-86 THROUGH 12-31-86  
AWARD # NO0024 85 M B720  
MSN L&S COMPUTER SCI (144-X394) 24,976.00
29. ENERGY, DEPT OF  
ARGONNE, IL  
IN SUPPORT OF THE FOLLOWING:
- 1) INVESTIGATION OF RF HEATING FOR TANDEM MIRROR  
EXPERIMENTS AND REACTORS  
FOR THE PERIOD 10-01-77 THROUGH 10-15-85  
AT A TOTAL COST OF \$10,158,692.00  
AWARD # DE-ACO2-78ET51015, MOD. 22  
MSN ENGR ENGR EXPER STA NUCL ENGR (144-K783) 30,000.00
  - 2) REVERSED FIELD PINCH STUDIES  
FOR THE PERIOD 03-13-85 THROUGH 02-28-87  
AT A TOTAL COST OF \$1,950,000.00  
AWARD # DE-FGO2-85ER53198, MOD. 1  
MSN L&S PHYSICS (144-W453) 950,000.00
  - 3) ORGANOMETALLIC CHEMISTRY OF BIMETALLIC COMPOUNDS  
FOR THE PERIOD 08-01-85 THROUGH 06-30-87  
AT A TOTAL COST OF \$153,000.00  
AWARD # DE-FGO2-85ER13406, MOD. 1  
MSN L&S CHEMISTRY (144-W989) 45,000.00
30. SANDIA NATIONAL LABORATORIES  
ALBUQUERQUE, NM  
PRIME CONTRACTOR WITH DOE  
MOLTEN FUEL COOLANT INTERACTIONS  
FOR THE PERIOD 12-01-84 THROUGH 09-30-86  
AT A TOTAL COST OF \$133,000.00  
AWARD # 59-4678, MOD. 1  
MSN ENGR ENGR EXPER STA NUCL ENGR (144-W233) 22,159.00



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31. SANDIA NATIONAL LABORATORIES  
ALBUQUERQUE, NM  
PRIME CONTRACTOR WITH DOE  
MICROWAVE-OSCILLATOR DESIGN STUDY  
FOR THE PERIOD 10-01-85 THROUGH 09-30-86  
AWARD # 95-2926  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-X356) 30,060.00
32. FERMI NATIONAL ACCELERATOR LABORATORY  
BATAVIA, IL  
PRIME CONTRACTOR WITH DOE  
EQUIPMENT FOR THE COLLIDING DETECTOR FACILITY  
(CDF) AT FERMILAB  
FOR THE PERIOD 07-01-83 THROUGH 09-30-86  
AT A TOTAL COST OF \$785,000.00  
AWARD # PD SC-95490, MOD. 3  
MSN L&S PHYSICS (144-U319) 18,000.00
33. E G & G IDAHO, INC  
IDAHO FALLS, ID  
PRIME CONTRACTOR WITH DOE  
STEAM GENERATOR TUBE RUPTURE FOR A LIQUID METAL-  
WATER SYSTEM: RELIABILITY AND PHENOMENOLOGICAL  
MODELLING  
FOR THE PERIOD 07-11-83 THROUGH 10-31-86  
AT A TOTAL COST OF \$78,813.00  
AWARD # C83-100174, MOD. 4  
MSN ENGR ENGR EXPER STA NUCL ENGR (144-T613) 20,010.00
34. MARTIN MARIETTA ENERGY SYSTEMS, INC  
OAK RIDGE, TN  
PRIME CONTRACTOR WITH DOE  
U.S. DOE STELLARATOR PROGRAM  
FOR THE PERIOD 03-01-85 THROUGH 09-30-86  
AT A TOTAL COST OF \$202,200.00  
AWARD # PO# 19X-27434C, MOD. 1  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-W499) 102,400.00
35. MARTIN MARIETTA ENERGY SYSTEMS, INC  
OAKRIDGE, TN  
PRIME CONTRACTOR WITH DOE  
U.S. DOE STELLARATOR PROGRAM  
FOR THE PERIOD 03-01-85 THROUGH 09-30-86  
AT A TOTAL COST OF \$146,600.00  
AWARD # PO# 19X-27434C, MOD. 1  
MSN ENGR ENGR EXPER STA FUSION TEC (144-W500) 78,000.00
36. INTER, FISH AND WILDLIFE SERVICE  
ST. PAUL, MN  
MOVEMENT AND SURVIVAL OF CANADA GEESE OF THE  
MISSISSIPPI VALLEY POPULATION  
FOR THE PERIOD 10-01-81 THROUGH 09-30-86  
AT A TOTAL COST OF \$280,000.00  
AWARD # 14-16-0003-82-005, MOD. 4  
MSN AG&LSC N R-WILDLIF ECOL (144-R651) 56,000.00

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37. JET PROPULSION LABORATORY  
PASADENA, CA  
PRIME CONTRACTOR WITH NASA  
THE PROPERTIES OF DUST NEAR REGIONS OF MASSIVE  
STAR FORMATIONS IN THE LMC  
FOR THE PERIOD 06-24-85 THROUGH 06-02-86  
AT A TOTAL COST OF \$10,000.00  
AWARD # 957246, MOD. 1  
MSN L&S ASTRONOMY (144-W797) 5,000.00
38. NASA, GODDARD SPACE FLIGHT CENTER  
GREENBELT, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) RESEARCH OF THE EFFECT OF SYNOPTIC SCALE PROCESSES  
IN GCM MODELLING  
FOR THE PERIOD 01-16-78 THROUGH 12-31-85  
AT A TOTAL COST OF \$470,803.00  
AWARD # NSG-5223, MOD. 11  
MSN L&S METEOROLOGY (144-L146) 11,000.00
- 2) SUPPORT OF HIGH RESOLUTION SPECTROGRAPH  
FOR THE PERIOD 05-16-79 THROUGH 10-31-85  
AT A TOTAL COST OF \$227,270.00  
AWARD # NAS5-25714, MOD. 13  
MSN L&S SPACE ASTRON LAB (144-N029) 974.00
39. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) STABILIZATION OF SUPERCONDUCTING MAGNETS IN HE II-  
HEAT TRANSFER ASPECTS II  
FOR THE PERIOD 11-15-83 THROUGH 04-30-87  
AT A TOTAL COST OF \$195,000.00  
AWARD # CBT-8310770, MOD. 2  
MSN ENGR ENGR EXPER STA NUCL ENGR (144-T872) 70,000.00
- 2) GLACIOGEOPHYSICAL STUDY OF THE INTERIOR ROSS  
EMBAYMENT ANTARCTICA  
FOR THE PERIOD 12-01-84 THROUGH 05-31-87  
AT A TOTAL COST OF \$815,480.00  
AWARD # DPP-8412404, MOD. 1  
MSN L&S GEOL & GEOPHYSICS GEO&POL R (144-U861) 325,025.00
- 3) NUCLEAR PHYSICS RESEARCH (PHYSICS)  
FOR THE PERIOD 12-01-84 THROUGH 05-31-87  
AT A TOTAL COST OF \$788,788.00  
AWARD # PHY-8414810, MOD. 1  
MSN L&S PHYSICS (144-W120) 404,000.00
- 4) GENETICS OF SEGREGATION DISTORTION IN DROSOPHILA  
FOR THE PERIOD 11-01-84 THROUGH 04-30-87  
AT A TOTAL COST OF \$189,770.00  
AWARD # DCB-8408200, MOD. 1  
MSN AG&LSC GENETICS (144-W175) 97,428.00

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- 5) NEW APPROACHES FOR SELECTIVITY IN THE SYNTHESIS  
OF ORGANIC COMPOUNDS  
FOR THE PERIOD 01-01-85 THROUGH 06-30-87  
AT A TOTAL COST OF \$430,189.00  
AWARD # CHE-8405857, MOD. 1  
MSN L&S CHEMISTRY (144-W232) 194,600.00
- 6) PHOTOSYNTHETIC ADAPTATION, ANNUAL PRODUCTION  
AND NUTRIENT DYNAMICS OF THE DEEPWATER  
BRYOPHYTES IN CRYSTAL LAKE, WISCONSIN  
FOR THE PERIOD 10-01-85 THROUGH 03-31-88  
AWARD # BSR-8212340, MOD. 1  
MSN ENV ST CTR BIOTIC SYSTS (144-W716) 118,025.00
- 7) BOTSWANA ETHNOARCHAEOLOGY  
FOR THE PERIOD 08-15-85 THROUGH 01-31-87  
AT A TOTAL COST OF \$85,413.00  
AWARD # BNS-8509032, MOD. 1  
MSN L&S ANTHROPOLOGY (144-W932) 55,055.00
- 8) DEVELOPMENTAL REGULATION OF THE SYNTHESIS AND  
COMPARTMENTALIZATION OF PEROXISOMAL ENZYMES  
FOR THE PERIOD 11-01-85 THROUGH 04-30-88  
AWARD # DCB-8509852  
MSN L&S BOTANY (144-X349) 166,000.00
- 9) A COMPARATIVE STUDY OF CLASS STRUCTURES AND  
SOCIAL ATTITUDES IN CONTEMPORARY INDUSTRIAL  
SOCIETIES  
FOR THE PERIOD 10-15-85 THROUGH 03-31-88  
AWARD # SES-8509506  
MSN L&S INST-RES ON POV (144-X366) 105,799.00
- 10) A FUNDAMENTAL LABORATORY STUDY OF  
BOREHOLE BREAKOUTS  
FOR THE PERIOD 01-01-86 THROUGH 06-30-87  
AWARD # EAR-8511941  
MSN ENGR ENGR EXPER STA MET & MIN (144-X369) 72,230.00
40. STATE, AGENCY FOR INTERNATIONAL DEVELOP  
QUITO, ECUADOR  
LTC LAND MARKET AND LAND TITLING RESEARCH  
IN ECUADOR  
FOR THE PERIOD 03-18-85 THROUGH 12-31-85  
AT A TOTAL COST OF \$22,910.00  
AWARD # 518-5-092-L, P.O. 85-239, MOD. 1  
MSN AG&LSC LAND TENURE CTR (144-W518) 8,340.00
41. VARIOUS GOVERNMENTAL AGENCIES  
MADRID, SPAIN  
CHARACTERIZATION OF THE GROWTH OF HETEROEPITAXIAL  
SYSTEMS; THE ROLE OF STRUCTURAL DEFECTS  
FOR THE PERIOD 10-15-85 THROUGH 10-14-86  
AWARD # GV:85-800 AC  
MSN ENGR ENGR EXPER STA MET & MIN (144-X355) 30,625.00

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42.	CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	
	15.00	MULTIPLE DONORS IN MEMORY OF MRS. EMILY ARMSTRONG	
	25.00	MULTIPLE DONORS IN MEMORY OF NADINE TETLEY	
	50.00	MULTIPLE DONORS IN MEMORY OF ESTHER SHADIS	
	10.00	MULTIPLE DONORS IN MEMORY OF MRS. B. J. SCHLAEGER	
	10.00	MULTIPLE DONORS IN MEMORY OF CARL PUDESTER	
	1,122.60	ORCHARD RIDGE HEALTH FUND DRIVE MADISON, WI	
	1,000.00	MRS. ELMER B. OTT & NANCY OTT TRAINOR IN MEMORY OF MR. ELMER B. OTT	
	40.00	MULTIPLE DONORS	
	147.00	MULTIPLE DONORS IN MEMORY OF MR. SCHULZ	
			2,419.60
43.	MULTIPLE DONORS GENERAL MEDICAL RESEARCH MSN HS-MED	(133-A253)	15.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC UTILITIES RESEARCH FOUNDATION PROFESSORSHIP IN ENERGY ENGINEERING MSN ENGR ENGR EXPER STA EL&COMPUT	(133-A816)	50,000.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FELLOWSHIP IN CHEMICAL ENGINEERING IN THE AREA OF POLYMER SCIENCE AND RHEOLOGY MSN ENGR CHEMICAL ENGR	(133-B221)	8,000.00
46.	HEART RESEARCH-CARDIOLOGY SECTION MSN HS-MED MEDICINE	(133-B379)	
	447.00	MULTIPLE DONORS IN MEMORY OF GORDON GILL	
	80.00	MULTIPLE DONORS IN MEMORY OF A. GORDON GILL	
			527.00
47.	MULTIPLE DONORS DEPARTMENT OF FOOD SCIENCE CHAIRMAN'S DISCRETIONARY FUND MSN AG&LSC FOOD SCIENCE	(133-B656)	100.00
48.	ROHM AND HAAS COMPANY PHILADELPHIA, PA INSECT CONTROL AND RESIDUE STUDIES ON VEGETABLE CROPS MSN AG&LSC ENTOMOLOGY	(133-B831)	1,000.00

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49.	DOW CHEMICAL COMPANY MIDLAND, MI EFFECT OF NITRIFICATION INHIBITORS, PARTICULARLY NITRAPYRIN, ON DENITRIFICATION IN SOILS MSN AG&LSC SOIL SCIENCE	(133-B952)	4,000.00
50.	MULTIPLE DONORS SUSTAINING FUND FOR CHEESE RESEARCH INSTITUTE MSN AG&LSC FOOD SCIENCE	(133-B996)	268.62
51.	INTERNATIONAL PAPER COMPANY FOUNDATION NEW YORK, NY PAUL A. GORMAN FELLOWSHIP MSN ENGR ENGR EXPER STA CHEM ENGR	(133-C726)	6,212.00
52.	GRECA-INLACA WINTER PARK, FL STUDY OF THE EFFECTS OF YOGURT ON BREAD MSN AG&LSC FOOD SCIENCE	(133-C733)	2,195.00
53.	MULTIPLE DONORS CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-C975)	2,150.00
54.	MONSANTO AGRICULTURAL PRODUCTS CO. MADISON, WI PHYSIOLOGICAL ASPECTS OF WEED GROWTH AND CONTROL MSN AG&LSC AGRONOMY	(133-DO44)	7,300.00
55.	MULTIPLE DONORS SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	500.00
56.	WISCONSIN TURFGRASS ASSOCIATION MARSHALL, WI INSECT PEST MANAGEMENT MSN AG&LSC ENTOMOLOGY	(133-D617)	4,000.00
57.	BECKMAN INSTRUMENTS, INC. DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-D646)	1,440.00
58.	MADISON GENERAL HOSPITAL MADISON, WI DEFRAY SALARY COST OF ASSISTANT SCIENTIST MSN HS-MED PEDIATRICS	(133-D678)	6,014.79
59.	MULTIPLE DONORS CRANBERRY RESEARCH PROGRAM MSN AG&LSC HORTICULTURE	(133-E009)	50.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CONTROL OF BOVINE LEUKOSIS MSN AG&LSC VETERINARY SCI	(133-E821)	10,000.00

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61.	MULTIPLE DONORS GENERAL RESEARCH MSN HS-PHR PHARMACY	(133-F090)	100.00
62.	FOXBORD COMPANY FOXBORD, MA MICROSENSOR TECHNOLOGY AWARD # P.O.#E65432 MSN ENGR ENGR EXPER STA EL&COMPUT	(133-F261)	22,000.00
63.	MULTIPLE DONORS GENERAL RESEARCH MSN AG&LSC FOOD SCIENCE	(133-F506)	1,400.00
64.	MERCK SHARPE AND DOHME WEST POINT, PA CONTROLLED MULTICENTER STUDY TO EVALUATE THE ANTIHYPERTENSIVE EFFECTS OF HCTZ, MK-421 OR CATOPRIL IN HYPERTENSION MSN HS-MED PHARMACOLOGY	(133-F523)	2,000.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STUDY OF PAIN RELIEVING MODALITIES MSN HS-MED ANESTHESIOLOGY	(133-F531)	42,225.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENERGY STORAGE NIOBIUM TITANIUM RESEARCH MSN ENGR ENGR EXPER STA SUPRCONDCT	(133-G092)	917.45
67.	MULTIPLE DONORS CONSORTIUM FOR THE DEVELOPMENT OF TECHNOLOGY MSN AG&LSC FOOD SCIENCE	(133-G102)	700.00
68.	SIRE-POWER, INC. TUNKHANNOCK, PA BRIDGING THE DISCIPLINES OF REPRODUCTIVE PHYSIOLOGY AND GENETICS--AN INTEGRATED RESEARCH APPROACH MSN AG&LSC DAIRY SCIENCE	(133-G729)	5,500.00
69.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY THYROTROPIN-RELEASING HORMONE TREATMENT OF HUMAN MOTOR NEURON DISEASE - PILOT STUDY FOR THE PERIOD 01-01-84 THRU 06-30-85 AT A LEVEL OF \$179,353 MSN HS-MED NEUROLOGY	(133-G806)	19,440.00
70.	NATIONAL INSTITUTE FOR DISPUTE RESOLUTION WASHINGTON, DC COURSE MATERIALS CLEARINGHOUSE FOR THE PERIOD 07-01-84 THRU 06-30-86 AT A \$30,359 LEVEL AWARD # 84-066 MSN LAW LAW SCHOOL	(133-H285)	19,025.00



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71.	PARK CITY MUNICIPAL CORPORATION PARK CITY, UT SPIRO TUNNEL MAINTENANCE FOR HIGH ENERGY PHYSICS RESEARCH MSN L&S      PHYSICS	( 133-H565)	5,791.67
72.	WORLD HEALTH ORGANIZATION GENEVA, SWITZERLAND ANIMAL MODELS FOR STUDY OF VIRULENCE AND PROTECTIVE IMMUNITY AT A \$44,000 LEVEL MSN HS-MED MED MICROBIOLOGY	( 133-H697)	24,000.00
73.	DIVERSIFIED TECH, INC. SALT LAKE CITY, UT PHARMACEUTICAL RESEARCH MSN HS-PHR PHARMACY	( 133-H751)	1,360.00
74.	OPEN SOCIETY FUND, INC. NEW YORK, NY POSTDOCTORAL FELLOWSHIPS MSN L&S      SOCIOLOGY	( 133-H803)	10,000.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED FUNDS FOR ENGINEERING MINORITY PROGRAM MSN ENGR      ADMINISTRATION	( 133-H821)	21,000.00
76.	NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. CAMBRIDGE, MA TRADE RELATIONS PROJECT FOR THE PERIOD 10-01-84 THRU 09-30-86 AT A \$55,721 LEVEL AWARD # P.O. 292,314 MSN L&S      ECONOMICS	( 133-H846)	39,424.00
77.	INTERNATIONAL BUSINESS MACHINES CORPORATION MILFORD, CT JOINTLY DEFINED EFFORT TO INVESTIGATE COMMUNICATIONS PROTOCOLS IN A DISTRIBUTED COMPUTING ENVIRONMENT FOR THE PERIOD 01-01-85 THRU 12-31-87 MSN L&S      COMPUTER SCI	( 133-H853)	1,138,522.00
78.	HONEYWELL, INC. MINNEAPOLIS, MN ADVANTAGES/DISADVANTAGES OF DISTRIBUTED CIRCUITS TO THE GENERATOR OF MICROWAVE POWER AWARD # P.O. #500248-BA MSN ENGR      ENGR EXPER STA      EL&COMPUT	( 133-H871)	15,428.00
79.	PIONERR HI-BRED INTERNATIONAL, INC. PRINCETON, IL CORN EVALUATION MSN AG&LSC AGRONOMY	( 133-H897)	8,000.00

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80.	MEDFORD DEVELOPMENT FOUNDATION, INC. MEDFORD, WI MEDFORD INDUSTRIAL PARK PROJECT MSN AG&LSC NR-LANDSCAP ARCH	(133-H939)	175.00
81.	REVLON HEALTH CARE GROUP TUCKAHOE, NY DOUBLE BLIND MULTICENTER COMPARATIVE STUDY OF TITRATED DOSES OF ONCE-DAILY CELIPROLOL AND TWICE DAILY PROPRANOLOL IN PATIENTS WITH ANGINA PECTORIS MSN HS-MED MEDICINE	CARDIOLOGY (133-J006)	10,000.00
82.	APPLIED VISION SYSTEMS, INC. MINNEAPOLIS, MN AUTOMATED VISUAL INSPECTION OF PRINTED CIRCUIT PATTERNS MSN ENGR ENGR EXPER STA EL&COMPUT	(133-J299)	2,721.00
83.	DAEWOO HEAVY INDUSTRIES LTD. SEOUL, KOREA FUNDAMENTAL STUDIES OF MACHINE TOOLS MSN ENGR ENGR EXPER STA MECH ENGR	(133-J373)	72,900.00
84.	MAYER (OSCAR) FOODS CORPORATION MADISON, WI ANTIBOTULINAL PROPERTIES OF LACTATE MSN AG&LSC FOOD MICRO&TOXIC	(133-J397)	8,100.00
85.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MCKINNON GRADUATE AWARD MSN BUS SCH OF BUSINESS	(133-J581)	1,981.50
86.	WISCONSIN MILK MARKETING BOARD MADISON, WI IMPROVING CALCIUM BIOAVAILABILITY IN HIGH FIBER DIETS WITH DAIRY PRODUCTS FOR THE PERIOD 09-01-85 THRU 08-31-87 AWARD # WMMB #91 MSN AG&LSC NUTRITIONAL SCI	(133-J622)	60,290.00
87.	WISCONSIN MILK MARKETING BOARD MADISON, WI ROLE OF MILK PROTEIN IN NUTRITIONAL MANAGEMENT OF CHRONIC LIVER DISEASE FOR THE PERIOD 09-01-85 THRU 08-31-87 AWARD # WMMB #90 MSN AG&LSC NUTRITIONAL SCI	(133-J623)	71,239.00
88.	WISCONSIN MILK MARKETING BOARD MADISON, WI EFFECTS OF MILK VERSUS CALCIUM AND PHOSPHORUS SUPPLEMENTS ON CALCIUM, PHOSPHORUS AND TRACE ELEMENTS UTILIZATION FOR THE PERIOD 09-01-85 THRU 08-31-87 AWARD # WMMB #92 MSN AG&LSC NUTRITIONAL SCI	(133-J624)	26,873.00

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89.	SULFITED FOOD CHALLENGES MSN AG&LSC FOOD MICRO&TOXIC	(133-J626)	
	3,500.00	FRITO-LAY, INC. IRVING, TX	
	2,890.15	NORTHWEST CHERRY BRINERS ASSOCIATION CORVALLIS, OR	
	500.00	MULTIPLE DONORS	
	4,000.00	BASIC AMERICAN POTATOE CO. BLACKFOOT, ID	
	2,000.00	CAMPBELL'S SOUPS CAMDEN, JJ	
			12,890.15
90.	TRITON BIOSCIENCES, INC. ALAMEDA, CA PRECLINICAL INTERFERON RESEARCH MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-J630)	230,575.00
91.	MULTIPLE DONORS FOOD-BORNE TOXICANT ANALYSES MSN AG&LSC FOOD MICRO&TOXIC	(133-J691)	600.00
92.	ANONYMOUS DONOR UNRESTRICTED RESEARCH PROGRAM SUPPORT IN DEPARTMENT OF PHYSIOLOGY MSN HS-MED PHYSIOLOGY	(133-J705)	6,300.00
93.	FORD FOUNDATION NEW YORK, NY SUPPORT FOR CONFERENCE COMPARING CAUSES AND CONSEQUENCES OF POVERTY FOR BLACK AMERICANS, HISPANICS AND NATIVE AMERICANS FOR THE PERIOD 09-01-85 THRU 08-31-87 AWARD # 850-0976 MSN L&S INST-RES ON POV	(133-J736)	63,210.00
94.	AGRACETUS MIDDLETON, WI STRUCTURE, FUNCTION AND EXPRESSION OF PLANT SN RNA GENES MSN HS-MED PHYSIOLOG CHEM	(133-J739)	10,784.00
95.	SOCIETA PRODOTTI ANTIBIOTICI ASSAGO, ITALY LYSOZYME AS AN ANTIBACTERIAL AGENT MSN AG&LSC FOOD MICRO&TOXIC	(133-J740)	24,400.00
96.	MULTIPLE DONORS ELECTROACOUSTICS RESEARCH MSN ENGR ENGR EXPER STA EL&COMPUT	(133-J741)	250.00
97.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI DEFRAY COST OF TELEPHONE AND SUPPLIES OF THE RADIATION PROTECTION COUNCIL FOR THE PERIOD 07-01-85 THRU 06-30-86 AWARD # PD PAF 23734 PO, 23733 PO MSN L&S ZOOLOGY	(133-J745)	1,350.00

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98.	CONTROL OF CRANBERRY DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-J746)	
	1,000.00 LLOYD A. WOLFE WISCONSIN RAPIDS, WI		
	1,750.00 MULTIPLE DONORS		2,750.00
99.	MID AMERICA AGRICULTURAL RESEARCH, INC. VERONA, WI COMPARATIVE OXYTETRACYCLINE LONG ACTING THERAPEUTIC STUDY IN SWINE MSN VET M MEDICAL SCIENCES	(133-J747)	23,660.60
100.	MERCK SHARPE AND DOHME RAHWAY, NJ UNRESTRICTED RESEARCH IN CYCLOSPORINE CHEMISTRY MSN HS-PHR PHARMACY	(133-J748)	20,000.00
101.	MULTIPLE DONORS UNRESTRICTED POLYURETHANE BLOCK POLYMERS RESEARCH MSN ENGR ENGR EXPER STA CHEM ENGR	(133-J749)	300.00
102.	ORIENTAL SCIENTIFIC INSTRUMENTS IMPORT & EXPORT CORPORATION BEIJING, PEOPLE'S REPUBLIC OF CHINA IBM-AT MICROCOMPUTERS & PERIPHERALS AWARD # 850 MAT/472138MR MSN GRAD SPACE SCI&ENG CT	(133-J751)	24,810.28
103.	RHINELANDER PAPER COMPANY RHINELANDER, WI REMOVAL OF TRIETHANOLAMINE TRIPHOSPHATE AND ETHYLENE GLYCOL FROM SULFITE WASTE LIQUOR BY CANDIDA UTILIS FERMENTATION. MSN AG&LSC FOOD MICRO&TOXIC	(133-J757)	2,500.00
104.	RADIATION MEASUREMENTS INCORPORATED MIDDLETON, WI QUANTITATIVE PERFORMANCE TESTS OF ULTRASOUND SCANNERS FOR THE PERIOD 10-15-85 THRU 09-30-86 MSN HS-MED MEDICAL PHYSICS	(133-J758)	20,951.00
105.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN ADVANCED ELECTRO-OPTIC AND ELECTRO-ACOUSTIC SENSOR TECHNOLOGIES AND THEIR INTEGRATION INTO AUTOMATED INSPECTION SYSTEMS MSN ENGR ENGR EXPER STA MECH ENGR	(133-J759)	12,800.00
106.	WISC DEPT OF NATURAL RESOURCES MADISON, WI VOLATILE ORGANIC CHEMICALS IN SMALL COMMUNITY WASTEWATER DISPOSAL SYSTEMS USING SOIL ABSORPTION FOR THE PERIOD 10-25-85 THRU 06-30-86 AWARD # P.O. #NRF 97976 MSN AG&LSC N R-RSRC POLICY SS WASTE-G	(133-J761)	25,107.00

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107.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY AND DYNAMICS OF SUSPENSION: MATCHING FUNDS FOR NSF-PRESIDENTIAL YOUNG INVESTIGATORS AWARD MSN ENGR ENGR EXPER STA CHEM ENGR (133-J762)	5,000.00
108.	MICROELECTRONICS & COMPUTER TECHNOLOGY CORPORATION AUSTIN, TX QUERY COMPILATION IN SQL/DS MSN L&S COMPUTER SCI (133-J763)	1,942.00
109.	COMITE CONJUNTO HISPANO-NORTEAMERICANO PARA LA COOPERACION CULTURAL Y EDUCATIVA MADRID, SPAIN POLITICAL ECONOMY OF CATHOLIC CHURCH IN SPAIN AND USA: CENSUS OF SPANISH DIOCESAN PRIESTS, 1966-85 AND POPULATION PROJECTIONS, 1985-2000 FOR THE PERIOD 09-01-85 THRU 08-31-86 AWARD # II P. 854002 MSN L&S SOCIOLOGY (133-J764)	33,547.00
110.	DELTA PI EPSILON MADISON, WI EDUCATIONAL PLANS OF SECONDARY & POSTSECONDARY MARKETING AND BUSINESS EDUCATORS MSN EDUC CONTIN & VOC ED (133-J766)	400.00
111.	AMERICAN EDWARDS LABORATORIES SANTA ANA, CA ZENOGRAFT CRUCIATE RESEARCH MSN VET M SURGICAL SCI (133-J767)	4,992.00
112.	BURROUGHS WELLCOME CO. RESEARCH TRIANGLE PARK, NC SINGLE-DOSE, DOUBLE-BLIND, PLACEBO AND ACTIVE CONTROLLED EVALUATION OF ACRIVASTINE AND PSEUDOEPHEDRINE IN TREATMENT OF SEASONAL ALLERGIC RHINITIS MSN HS-MED MEDICINE ALLRGY&IMM (133-J768)	19,800.00
113.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN NOVEL PHOTOCHROMIC AND THERMOCHROMIC SYSTEMS BASED ON INTRAMOLECULAR PHOTOCHEMICAL DIELS-ALDER REACTIONS MSN L&S CHEMISTRY (133-J777)	17,466.00
114.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INTRAPULMONARY DRUG ADMINISTRATION RESEARCH MSN HS-PHR PHARMACY (133-J778)	1,000.00
115.	FORD MOTORS COMPANY FUND DEARBORN, MI NSF-PRESIDENTIAL YOUNG INVESTIGATOR AWARD-MATCHING FUNDS MSN ENGR ENGR EXPER STA MATERLS SC (133-J779)	17,500.00

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## RESEARCH

116.	MULTIPLE DONORS PLASTIC SURGERY RESEARCH FUND MSN HS-MED SURGERY	DENT&P SRG (133-J780)	50.00
117.	AYERST LABORATORIES NEW YORK, NY DOUBLE-BLIND EVALUATION OF THE LONG TERM EFFECTS OF ULTRADOL IN PATIENTS WITH ACTIVE RHEUMATOID ARTHRITIS MSN HS-MED MEDICINE	RHEUMATOL (133-J781)	4,766.58
118.	UPJOHN COMPANY KALAMAZOO, MI DROSOPHILA SEX-LINKED RECESSIVE LEHTAL TEST OF COMPOUND MSN L&S ZOOLOGY	(133-J788)	26,575.00
119.	GURLAND (JOHN) MADISON, WI DEFRAY COST OF PURCHASE OF EQUIPMENT MSN L&S STATISTICS	(133-J794)	929.00
120.	WEYERHAEUSER COMPANY TACOMA, WA MODEL FOR TENSILE STRENGTH BEHAVIOR OF WOOD CONTAINING NONIDEALIZED GROWTH CHARACTERISTICS FOR THE PERIOD 11-01-85 THRU 01-31-86 MSN ENGR ENGR EXPER STA CIVIL&ENV	(133-J796)	15,000.00
121.	INLAND STEEL COMPANY EAST CHICAGO, IN LASER WELDABILITY OF COATED AND UNCOATED STEELS AWARD # P.O. #5-K-45859 MSN ENGR ENGR EXPER STA MET & MIN	(133-J799)	2,000.00
122.	MULTIPLE DONORS LARGE ANIMAL RESEARCH MSN VET M SURGICAL SCI	(133-J801)	700.00
123.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FLORENCE BLAKE FUND MSN HS-NUR	(133-J805)	1,055.00
124.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHARACTERISTICS OF PUBLISHED ARBITRATION AWARDS MSN L&S SPECIAL PROJECTS CTR FOR DV	(133-J806)	1,000.00
125.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN PLASMA PROCESSING & TECHNOLOGY CONSORTIUM MSN ENGR ENGR EXPER STA EL&COMPUT	(133-J808)	1,500.00



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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

126.	MULTIPLE DONORS RESEARCH AND GRADUATE EDUCATION PROGRAM IN OVERLAND TREATMENT OF WASTEWATERS MSN ENGR ENGR EXPER STA CIVIL&ENV (133-J809)	650.00
127.	SYNTEX RESEARCH PALO ALTO, CA COMPARATIVE EFFICACY OF TWO FORMULATIONS OF FLUNISOLIDE NASAL SPRAY IN PATIENTS WITH PERENNIAL ALLERGIC RHINITIS MSN HS-MED MEDICINE ALLRGY&IMM (133-J810)	1,500.00
128.	MOLECULAR BIOLOGY RESOURCES, INC. MILWAUKEE, WI ANTI-INFLAMMATORY MATERIALS RESEARCH MSN HS-PHR PHARMACY (133-J812)	1,800.00
129.	HOWELL (ETTA H) ESTATE LONG BEACH, CA ETTA H HOWELL CANCER RESEARCH FUND MSN HS-MED ONCOLOGY (133-0555)	4,000.00
130.	OCCIDENTAL CHEMICAL COMPANY FEED PRODUCTS DIVISION TAMPA, FL STUDY OF BASIC AND CLINICAL ASPECTS OF EXPERIMENTAL FLUORINE TOXICOSIS MSN AG&LSC BIOCHEMISTRY (133-3220)	5,000.00
131.	MULTIPLE DONORS COLLEGE OF AGRICULTURAL AND LIFE SCIENCES DATA PRO CESSING ACCOUNT MSN AG&LSC AG ECONOMICS (133-4821)	100.00
132.	NOR-AM CHEMICAL COMPANY WILMINGTON, DE WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY (133-5014)	1,500.00
133.	MERLIN S BERGDOLL MADISON, WI STAPHYLOCOCCUS ENTEROTOXIN RESEARCH MSN AG&LSC FOOD MICRO&TOXIC (133-5654)	2,000.00
134.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED (133-5671)	906.50
135.	TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY (133-6855)	
	1,500.00 ROHM AND HAAS COMPANY PHILADELPHIA, PA	
	500.00 MULTIPLE DONORS	
		2,000.00

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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

136.	SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	
	1,500.00	ROHM AND HAAS COMPANY PHILADELPHIA, PA	
	2,500.00	LEMLE, KELLEHER, KOHLMAYER, HUNLEY, MOSS & FRILOT NEW ORLEANS, LA	
			4,000.00
137.	GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-8218)	
	500.00	MULTIPLE DONORS	
	5,000.00	BASF WYANDOTTE CORPORATION PARSIPPANY, NJ	
	400.00	MULTIPLE DONORS	
			5,900.00
138.	NAUTILUS RESEARCH CORPORATION MADISON, WI STUDIES OF DIVALENT CATIONS IN ANTACID PHARMACOLOGY MSN HS-MED MEDICINE	GASTROENT	(133-8285)
			6,630.00

## STUDENT AID

1.	BURROUGHS WELLCOME COMPANY RESEARCH TRIANGLE PARK, NC BURROUGHS WELLCOME FUND MSN HS-PHR PHARMACY	( LOANS )	1,500.00
2.	SCHOOL OF EDUCATION AGENCY ACCOUNT MADISON, WI SCHOOL OF EDUCATION--SCHOLARSHIP MSN EDUC GENERAL ADMIN DEAN'S OFC	( TRUST )	1,693.44
3.	VERGERONT, ROBERT J. MADISON, WI VERGERONT, ELIZABETH VANDENBERG--AWARD FOR 4-H CLUB MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( TRUST )	50.00
4.	KIES, WILLIAM S. UPON RECOMMENDATION OF THE DEAN THE TERMS SHALL BE MODIFIED TO PROVIDE FOR SCHOLARSHIPS OR RESEARCH ACTIVITIES. KIES, WILLIAM S.--SCHOLARSHIP IN FINANCE MSN BUS SCH OF BUSINESS	( TRUST )	
5.	MULTIPLE DONORS MCGIBBON, W. H.--SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( TRUST )	65.00

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## STUDENT AID

6.	MULTIPLE DONORS PETERSON, H. ISABELLE--SCHOLARSHIP FUND MSN HS-MED	( TRUST )	25.00
7.	SEAGRAM, JOSEPH E. & SONS, INC. NEW YORK, NY CHANCELLOR'S SCHOLARSHIP FUND MSN G E A	( TRUST )	1,000.00
8.	MADISON BRANCH AMERICAN MADISON, WI ASSOCIATION UNIVERSITY WOMEN INCOME IS TO SUPPORT THE DEAN OF STUDENTS AWARD FOR OUTSTANDING RETURNING STUDENTS. SWENSON-ROSEBERRY TRUST FUND MSN G SERV FELLOWS & SCHOLS	( TRUST )	2,000.00
9.	MAKI, LAURA E.-MONONA, WI INCOME FOR A SINGLE SCHOLARSHIP FOR A FOURTH YEAR MEDICAL STUDENT WHO HAS MADE A COMMITMENT TO PURSUE TRAINING IN INTERNAL MEDICINE. MAKI, GEORGE--MEMORIAL SCHOLARSHIP MSN HS-MED	( TRUST )	15,000.00
10.	TEMKIN, ALEX ESTATE-MADISON, WI INCOME TO ESTABLISH A PROFESSORSHIP CHAIR IN THE FIELD OF BUSINESS. THE FIELD OF BUSINESS. TEMKIN, ALEX--SCHOLARSHIP IN LAW SCHOOL MSN LAW LAW SCHOOL	( TRUST )	25,000.00
11.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AT A TOTAL COST OF \$6,668,167.00 AWARD # PO08502947, MOD. 6 MSN G SERV FELLOWS & SCHOLS	( 148-A085 )	10,343.00
12.	EDUCATION, DEPT OF WASHINGTON, DC INDIAN FELLOWSHIP PROGRAM FOR THE PERIOD 08-26-85 THROUGH 05-26-86 AWARD # GO08510538 MSN GRAD	( 144-X347 )	13,041.00
13.	BAKER (ROBERT EARL) ESTATE PITTSBURGH, PA VIOLA JURGERSON BAKER MEMORIAL FUND MSN FR&CS FAM RSRC&CNSM SC FAM RSRC&C	( 133-B967 )	1,452.72
14.	EASTMAN KODAK COMPANY ROCHESTER, NY ENGINEERING UNDERGRADUATE SCHOLARSHIPS MSN ENGR ADMINISTRATION	( 133-C484 )	12,793.23

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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

15.	MULTIPLE DONORS A. H. EDGERTON MEMORIAL FUND MSN EDUC GENERAL ADMIN DEAN'S OFC (133-D034)	105.15
16.	WISCONSIN AGLIME ASSOCIATION ARCADIA, WI WISCONSIN AGLIME ASSOCIATION SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-D769)	250.00
17.	INSTITUTE OF NUCLEAR POWER OPERATIONS ATLANTA, GA INPO FELLOWSHIP IN NUCLEAR ENGINEERING AT AN \$85,854.16 LEVEL MSN ENGR ENGR EXPER STA NUCL ENGR (133-E059)	18,000.00
18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNIVERSAL OIL PRODUCTS FELLOWSHIP MSN ENGR ENGR EXPER STA CHEM ENGR (133-G710)	10,000.00
19.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI A. C. NIELSEN SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-J529)	1,474.00
20.	MULTIPLE DONORS MARGARET ALLARD SCHOLARSHIP FUND FOR HOME ECONOMICS COMMUNICATIONS UNDERGRADUATE MAJORS MSN FR&CS FAM RSRC&CNM SC FAM RSRC&C (133-J723)	300.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI IDA BELLE KNIGHTS SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-J750)	50.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI G T E GRADUATE FELLOWSHIP IN BUSINESS MSN BUS SCH OF BUSINESS (133-J769)	4,310.00
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EDWARD A. DUE MEMORIAL SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-J770)	2,500.00
24.	DOW CHEMICAL COMPANY FOUNDATION MIDLAND, MI UNDERGRADUATE SCHOLARSHIP IN DEPARTMENT OF COMPUTER INFORMATION SYSTEMS MSN BUS SCH OF BUSINESS (133-J774)	1,000.00
25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WALTER MORTON SCHOLARSHIP FUND MSN L&S ECONOMICS (133-J797)	2,500.00

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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

26.	NACDS EDUCATIONAL FOUNDATION ALEXANDRIA, VA SCHOOL OF PHARMACY UNDERGRADUATE SCHOLARSHIP FUND MSN HS-PHR PHARMACY (133-1078)	1,000.00
27.	AID ASSOCIATION FOR LUTHERANS APPLETON, WI AID ASSOCIATION FOR LUTHERANS SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-2865)	4,000.00

## UNRESTRICTED

1.	SEAGRAM, JOSEPH E & SONS, INC NEW YORK, NY MADISON CHANCELLOR'S SPECIAL FUND MSN G E A ( TRUST )	1,000.00-
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TOTAL MADISON	10,546,436.36 =====
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EXTENSION AND PUBLIC SERVICE	37,664.00
INSTRUCTION	709,012.38
LIBRARIES	2,385.88
MISCELLANEOUS	663,885.31
RESEARCH	9,005,036.25
STUDENT AID	129,452.54
UNRESTRICTED	1,000.00-

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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## EXTENSION AND PUBLIC SERVICE

1. CITY OF MILWAUKEE  
MILWAUKEE, WI  
PRIME CONTRACTOR WITH HUD  
HARAMBEE COMMUNITY HEALTH OUTREACH  
FOR THE PERIOD 06-01-85 THROUGH 05-31-86  
AWARD # CBP 85-133  
MIL DOCE URBN COMMTY DVLP (144-W687) 70,000.00

## INSTRUCTION

1. NATIONAL INSTITUTE OF EDUCATION  
WASHINGTON, DC  
INCORPORATING RESEARCH BASED TEACHING SKILLS INTO  
A FIELD BASED SECONDARY TEACHER EDUCATION PROGRAM  
FOR THE PERIOD 10-01-85 THROUGH 09-29-86  
AWARD # 400-85-1046  
MIL EDUC ADMINISTRATION (144-X351) 29,293.00
2. WISCONSIN ASSOCIATION OF CHILD CARE WORKERS  
BROOKFIELD, WI  
CHILD CARE LEARNING CENTER PROGRAM  
FOR THE PERIOD 01/01/85 THROUGH 12/31/85  
MIL DOCE OUTRCH & CEU ADM OR&CEU ADM (133-H626) 18,970.00

## MISCELLANEOUS

1. AFFILIATED STATE ARTS AGENCIES OF THE UPPER  
MIDWEST  
MINNEAPOLIS, MN  
PRIME CONTRACTOR WITH NEA  
METROPOLITAN ARTS PROGRAM APPLICATION FOR  
AFFILIATED STATE ARTS AGENCIES TOURING PROGRAM  
GRANT  
FOR THE PERIOD 10-07-85 THROUGH 11-10-85  
AWARD # FY86-171  
MIL F ARTS METRO ARTS PROG ADMIN (144-X273) 2,320.00
2. UNIVERSITY OF WISCONSIN EXTENSION  
MILWAUKEE, WI  
UWM - OFFICE OF SPONSORED RESEARCH INFORMATION  
CENTER ACCOUNT  
(DEPOSITED TO INCORRECT FUND/ACCOUNT)  
MIL GRAD RES & SPONS PRGS RES DEVEL (133-B748) 550.00-
3. WISCONSIN DEPARTMENT OF NATURAL RESOURCES  
MADISON, WI  
BERTHING LEASE AT GREAT LAKES RESEARCH FACILITY  
FOR THE PERIOD 05/31/85 THROUGH 06/30/86  
AWARD # P.O. NRF 27613  
MIL GRAD GRT LAKES RES F GT LKS RES (133-B805) 812.50
4. UWM FOUNDATION (FM90-FRIENDS)  
MILWAUKEE, WI  
CHAIRMAN'S DISCRETIONARY ACCOUNT  
MIL L&S WUWM ADMIN- GEN (133-C622) 32,395.00



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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## MISCELLANEOUS

5. UWM FOUNDATION (UWM - ALUMNI ASSOCIATION)  
MILWAUKEE, WI  
ATHLETICS - GENERAL SUPPORT  
FOR THE PERIOD 10/01/85 THROUGH 03/31/86  
MIL STU AF INTRCOL ATHL-MEN SWIMMING (133-E578) 1,000.00
6. HIGHER EDUCATION CABLE CONSORTIUM  
MILWAUKEE, WI  
OPERATION OF THE HECC HEADEND/PLAYBACK FACILITY  
FOR THE PERIOD 01/01/86 THROUGH 12/31/86  
MIL ED COM PROJECTS SP PROJ 2 (133-J645) 6,000.00
7. LIPPINCOTT (J B) COMPANY  
CONTINUED DEVELOPMENT OF THE PROGRAM OF THE UWM  
SCHOOL OF NURSING  
MIL NURS NURSING (133-7653) 10,506.54

## RESEARCH

1. WISCONSIN DEPARTMENT OF NATURAL RESOURCES  
MADISON, WI  
PRIME CONTRACTOR WITH INTERFWS  
NORTHERN MONKSHOOD LIFE HISTORY AND DISTRIBUTION  
FOR THE PERIOD 11-05-85 THROUGH 09-30-86  
AWARD # P.O. NRF 98059  
MIL L&S BIOLOGICAL SCI (144-X392) 8,200.00
2. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
FUNCTIONAL ORGANIZATION OF THE BACTERIAL  
CHROMATOPHORE MEMBRANE  
FOR THE PERIOD 09-01-83 THROUGH 02-28-87  
AWARD # DCB-8309063-02  
MIL L&S BIOLOGICAL SCI BIOL SCI'S (144-T753) 6,400.00
3. REXNORD  
MILWAUKEE, WI  
COMPRESSION TESTING OF ROCKS  
AWARD # CK #H000412  
MIL ENG&AS CIVIL ENGINEER'G (133-C667) 560.00
4. REXNORD  
BROOKFIELD, WI  
SENSOR DEVELOPMENT  
AWARD # CHECK #294427  
MIL L&S PHYSICS (133-E596) 500.00
5. UWM FOUNDATION  
(HARVEY D. WILMETH)  
MILWAUKEE, WI  
DISCRETIONARY USE FOR RESEARCH AND SPECIAL  
PROJECTS  
MIL L&S ECONOMIC EDUC (133-G400) 5,000.00

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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

6.	UWM FOUNDATION, #258 MILWAUKEE, WI JERRY LEER ACCOUNTING FUND MIL BUS AD MGMNT RESRCH CTR	( 133-G426 )	11,583.00
7.	UWM FOUNDATION (VARIOUS) MILWAUKEE, WI SCHOOL OF BUSINESS ADMINISTRATION MIL BUS AD MGMNT RESRCH CTR	( 133-H150 )	2,722.00
8.	WI DEPT OF NATURAL RESOURCES MADISON, WI SPAWNING INDUCTION OF LAKE TROUT AND ANALYSIS OF REPRODUCTION HORMONE LEVELS IN LAKE TROUT BLOOD FOR THE PERIOD 09/01/85 THROUGH 08/31/86 AWARD # P.O. NRF97888 MIL GRAD GT LKS ST, CTR F GT LKS STU	( 133-H685 )	10,065.00
9.	MILWAUKEE FOUNDATION MILWAUKEE, WI MILWAUKEE GANG RESEARCH PROJECT FOR THE PERIOD 10/01/85 THROUGH 09/30/86 AWARD # CK. NO. 1370954 MIL L&S SOCIOLOGY	( 133-J646 )	15,000.00
10.	WISCONSIN GAS COMPANY MILWAUKEE, WI EARLY IDENTIFICATION PROGRAM EVALUATION FOR THE PERIOD 10/01/85 THROUGH 09/30/86 MIL S WELF SOC WELFARE ADMN	( 133-J647 )	117,358.00
11.	UWM FOUNDATION MILWAUKEE, WI ENGINEERING & APPLIED SCIENCE DIGITAL SYSTEMS RESEARCH MIL ENG&AS ELEC ENGR&COMP S	( 133-J648 )	4,000.00
12.	COMPUTERIZED STRUCTURAL DESIGN MILWAUKEE, WI WALL PANEL TESTS AWARD # CHECK #20067 MIL ENG&AS CIVIL ENGINEER'G	( 133-9372 )	2,400.00

## STUDENT AID

1.	EDUCATION, DEPT OF WASHINGTON, DC NATIONAL DIRECT STUDENT LOAN PROGRAM FOR THE PERIOD 07/01/85 THROUGH 06/30/86 MIL STU AF FINANCIAL AID PROV'L&SUP ( LOANS )		15,167.00
2.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-85 THROUGH 06-30-86 AWARD # PO08602948 MIL STU AF FINANCIAL AID PROV'L&SUP	( 148-B086 )	730,809.00

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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## STUDENT AID

3.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT ADMINISTRATIVE ALLOWANCE AWARD # RO08502948 MIL STU AF FINANCIAL AID	PROV'L&SUP (144-W623)	2,585.00
4.	UWM FOUNDATION #670 MILWAUKEE, WI SCHOOL OF ARCHITECTURE AND URBAN PLANNING SCHOLARSHIP FUND MIL ARC&UP ADMINISTRATION	ADMIN (133-A492)	3,367.00
5.	WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI WDNR INTERNS FOR THE PERIOD 10/01/85 THROUGH 01/31/86. AWARD # 83-9 MIL STU AF PLACE&CAREER DEV PROVISIONL	(133-G402)	1,600.00

TOTAL MILWAUKEE	1,108,063.04
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EXTENSION AND PUBLIC SERVICE	70,000.00
INSTRUCTION	48,263.00
MISCELLANEOUS	52,484.04
RESEARCH	183,788.00
STUDENT AID	753,528.00

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UNIVERSITY OF WISCONSIN - EAU CLAIRE

## EXTENSION AND PUBLIC SERVICE

1. AFFILIATED STATE ARTS AGENCY OF THE  
UPPER MIDWEST  
MINNEAPOLIS, MN  
PRIME CONTRACTOR WITH NEA  
MILWAUKEE SYMPHONY ORCHESTRA  
FOR THE PERIOD 09-17-85 THROUGH 09-18-85  
AWARD # FY86-75  
EAU AUX OP OTHER ORG ACTIV (144-6036) 2,630.00

## INSTRUCTION

1. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
REVISION OF HANDBOOK FOR BUSINESS AND OFFICE  
EDUCATION TEACHERS  
FOR THE PERIOD 10-15-85 THROUGH 06-30-86  
AWARD # P.O. PAF 01178  
EAU BUS BUS ED & ADM MGT (144-5065) 3,880.00
2. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
IMAGES OF THE DEPRESSION  
FOR THE PERIOD 11-01-85 THROUGH 10-31-86  
AWARD # FY85-41-E394(T)  
EAU ART&SC HISTORY (144-5097) 9,022.00
3. JOINT COUNCIL ON ECONOMIC EDUCATION  
NEW YORK, NY  
CONSUMER ECONOMIC FORUMS  
FOR THE PERIOD 10/08/85 THROUGH 06/30/86  
AWARD # JCOEE-10-85  
EAU ART&SC ECONOMICS (133-6035) 1,500.00
4. CRAY RESEARCH INC.  
CHIPPEWA FALLS, WI  
CRAY COMPUTER SCIENCE SUPPORT  
FOR THE PERIOD 07/01/85 THROUGH 06/30/87  
AWARD # CRAY-85  
EAU ART&SC CHEMISTRY (133-6037) 85,000.00

## RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
MOLECULAR ANALYSIS OF X:Y PAIRING SITES  
IN DROSOPHILA  
FOR THE PERIOD 09-30-85 THROUGH 09-29-87  
AWARD # 1 R15 HD/GM21225  
EAU ART&SC BIOLOGY (144-5051) 67,310.00
2. CHIRON CORPORATION  
EMERYVILLE, CA  
A RAPID PROCEDURE FOR PREPARATION OF NUCLEIC ACIDS  
FOR THE PERIOD 10/08/85 THROUGH 06/30/86  
AWARD # CH0927  
EAU ART&SC CHEMISTRY (133-6024) 3,960.00

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## UNIVERSITY OF WISCONSIN - EAU CLAIRE

## RESEARCH

3.	BARRON COUNTY BARRON COUNTY, WI ARCHAEOLOGICAL SURVEY OF THE RECONSTRUCTION OF C.T.H. "H" FOR THE PERIOD 01/01/86 THROUGH 06/30/86 AWARD # BC1009 EAU ART&SC SOCIAL & ANTHROP	(133-6025)	1,767.00
4.	SHORT-ELLIOT-HENDRICKSON, INC. CHIPPEWA FALLS, WI ARCHAEOLOGICAL SURVEY COUNTY TRUNK HIGHWAY "C" ST. CROIX COUNTY FOR THE PERIOD 10/07/85 THROUGH 11/30/85 AWARD # SEH85096 EAU ART&SC SOCIAL & ANTHROP	(133-6026)	725.00
	TOTAL EAU CLAIRE		175,794.00 =====
	EXTENSION AND PUBLIC SERVICE	2,630.00	
	INSTRUCTION	99,402.00	
	RESEARCH	73,762.00	

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UNIVERSITY OF WISCONSIN - GREEN BAY

MISCELLANEOUS

1. SMALL BUSINESS ADMIN		
DENVER, COLORADO		
MANAGEMENT COUNSELING AND TECHNICAL ASSISTANCE		
FOR THE PERIOD 10-01-84 THROUGH 12-31-85		
AWARD # SBS-9180-MA-85		
GBY I I A SM BUS DVLP CTR	(144-X388)	18,000.00
	TOTAL GREEN BAY	18,000.00
		=====
MISCELLANEOUS	18,000.00	

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UNIVERSITY OF WISCONSIN - OSHKOSH

EXTENSION AND PUBLIC SERVICE

1. WISC DEPT OF HEALTH AND SOCIAL SERVICES  
MADISON, WI  
RELEASE TIME FOR DR. SCHULTZ TO ASSIST THE BUREAU  
OF HEATH CARE FINANCING IN THE DEVELOPMENT OF AN  
RFP FOR RE-BID OF FISCAL AGENT CONTRACT FOR THE  
WISCONSIN MEDICAL ASSISTANCE PROGRAM  
FOR THE PERIOD 07/01/85 THROUGH 06/30/86  
AWARD # P.O. FAF 24904  
OSH BUS AD BUS ADMIN-INSTR (133-3330) 42,000.00  
  
TOTAL OSHKOSH 42,000.00  
=====

EXTENSION AND PUBLIC SERVICE 42,000.00



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UNIVERSITY OF WISCONSIN - PARKSIDE

PHYSICAL PLANT

1. HOUSING AND URBAN DEVELOPMENT, DEPT OF  
WASHINGTON, DC  
INTEREST SUBSIDY GRANT FOR THE STUDENT UNION  
AWARD # CH WIS 142(S)  
PKS 41,707.00

STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-85 THROUGH 06-30-86  
AT A TOTAL COST OF \$766,379.00  
AWARD # P008603238, MOD. 1  
PKS BUS SV FELLOWS & SCHOLS (148-G086) 271,589.00

TOTAL PARKSIDE 313,296.00  
=====

PHYSICAL PLANT 41,707.00  
STUDENT AID 271,589.00

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## UNIVERSITY OF WISCONSIN - RIVER FALLS

## INSTRUCTION

1.	UW-RIVER FALLS FOUNDATION RIVER FALLS, WI IMPROVEMENT OF CLASSROOM INSTRUCTION, FUNDS ARE AWARDED TO DEPARTMENTS BASED ON PROPOSALS INDICATING A NEED TO IMPROVE EXISTING COURSE MATERIALS AND METHODS OR ADD NEW COURSE MATERIALS FOR THE PERIOD 07/01/85 THROUGH 06/30/86 RVF AGRIC PLANT & EARTH SC	(133-0616)	9,741.00
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## STUDENT AID

1.	RIGGS NATIONAL BANK - LEW COIT TRUST WASHINGTON, DC SCHOLARSHIPS FOR QUALIFIED INDIVIDUALS FOR THE PERIOD 07/01/85 THROUGH 06/30/86 RVF ST AST MISC OTHER	(133-0649)	2,000.00
2.	U.S. TOBACCO COMPANY LEWISVILLE, TX SCHOLARSHIPS TO QUALIFIED INDIVIDUALS IN THE UNIVERSITY RODEO PROGRAM FOR THE PERIOD 07/01/85 THROUGH 06/30/86 RVF ST AST MISC OTHER	(133-0659)	900.00

TOTAL RIVER FALLS	12,641.00
	=====

INSTRUCTION	9,741.00
STUDENT AID	2,900.00

GIFTS, GRANTS AND CONTRACTS  
DEC 06, 1985

## UNIVERSITY OF WISCONSIN - STOUT

## EXTENSION AND PUBLIC SERVICE

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PROJECTS WITH INDUSTRY - A RURAL PARTNERSHIP OF  
BUSINESS, INDUSTRY AND REHABILITATION  
FOR THE PERIOD 09-30-85 THROUGH 09-30-86  
AWARD # GOO82C0004  
STO EDUC STO VOC REH INST VDC-PLAC (144-0505) 146,444.00
2. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION BUREAU  
OF VOCATIONAL EDUCATION EVALUATION OF FEDERALLY  
FUNDED SECONDARY VOCATIONAL EDUCATION PROGRAMS -  
PHASE III  
FOR THE PERIOD 07-01-85 THROUGH 06-30-86  
AWARD # PAF 00182  
STO I&TECH CTR FOR VTAE CTR VTAE (144-0455) 219,932.00
3. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
EVALUATION OF SECONDARY SCHOOL VOCATIONAL  
EDUCATION POOL PROJECTS  
FOR THE PERIOD 07-01-85 THROUGH 06-30-86  
AWARD # PAF 00181  
STO I&TECH CTR FOR VTAE CTR VTAE (144-0460) 15,075.00
4. GOVERNOR'S EMPLOYMENT & TRAINING OFFICE  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
VOCATIONAL RESEARCH AND TRAINING CENTER/UW-STOUT  
MODULES: INTRODUCTION TO LABOR MARKET  
INFORMATION, JOB DEVELOPMENT TECHNIQUES AND  
STRATEGIES  
FOR THE PERIOD 07-01-85 THROUGH 06-30-86  
AWARD # 5-21-85-04-07  
STO EDUC STO VOC REH INST RES&TRNG C (144-0476) 2,054.00
5. WEST CENTRAL WISCONSIN PRIVATE  
INDUSTRY COUNCIL  
MENOMONIE, WI  
PRIME CONTRACTOR WITH LABOR  
PREPARATION FOR EMPLOYMENT AND TRAINING/SPECIAL  
NEEDS - PROVIDE PRE-EMPLOYMENT TRAINING, COORD-  
INATION OF VOCATIONAL SKILL TRAINING, PLACEMENT  
AND FOLLOW-UP SERVICES TO DISABLED PERSONS TO  
INCREASE THEIR INDEPENDENCE  
FOR THE PERIOD 07-01-85 THROUGH 06-30-86  
AWARD # 85-05-PE  
STO EDUC STO VOC REH INST VDC-EVAL (144-0462) 57,520.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - STOUT

## GIFT-IN-KIND

1. MTS SYSTEMS CORPORATION  
MINNEAPOLIS, MN  
GIFT COMPONENTS FOR PDP 1140 COMPUTER.  
STO I&TECH ENERGY & TRANSP
2. E. I. DUPONT DE NEMOURS & COMPANY, INC.  
NILES, IL  
GIFT OF ONE ROLL CROMALIN POSITIVE WORKING  
PROOFING FILM, 12" X 300.  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
3. GREYMILLS CORPORATIONS  
CHICAGO, IL  
GIFT OF TWO INK PUMPS AND FILTERS FOR WOLVERINE  
FLEXOGRAPHIC PRESS.  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
4. DIGITAL EQUIPMENT CORPORATION  
MADISON, WI  
GIFT OF ONE SX-40HHA-EK AS FOLLOWS: PDP 11/44 CPU,  
512 KB MOS, DUAL RKO7 DISKS & CABINET (28MB EA.),  
PDP-AA GENERAL OPERATING LICENSE; ONE DZ11-A 8  
LINE E1A TERMINAL MULTIPLEXER; ONE VT 100-AA CRT  
TERMINAL  
STO I&TECH SCH-IND&TECH ADM
5. BILL SCHULMAN  
MENOMONIE, WI  
GIFT OF PAINTING "JAZZ ECHO" PRESENTED IN MEMORY  
OF LYNN PRITCHARD.  
STO LIB ST MUSIC
6. ANONYMOUS  
GIFT OF GENERAL ELECTRIC REFRIGERATOR, AMANA  
RADARANGE MICROWAVE OVEN AND BUNN POUR-OMATIC  
COFFEMAKER.  
STO G SERV GEN INSTL EXPENS
7. NEKOOSA PAPERS, INC.  
PORT EDWARDS, WI  
GIFT OF 29 CARTONS NEKOOSA OFFSET PAPER; 12  
CARTONS 80# TEST WEAVE 35X45; 8 CARTONS 20#  
PRESTIGE BOND WHITE 9 27/32 X 13 29/32 WHITE;  
9 CARTONS 20# PRESTIGE BOND WHITE 11 11/16 X  
16 17/32 WHITE  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
8. W. A. KRUEGER CO.  
NEW BERLIN, WI  
MATERIALS AND SUPPLIES FOR BOOKBINDING.  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
9. STOUT UNIVERSITY FOUNDATION, INC.  
MENOMONIE, WI  
GIFT OF SERIES 300 SCRIPTOMATIC LABELER, MODEL  
303; CONVEYER STACKER, MODEL CS100; AND MACHINE  
CABINET, MODEL MC-2  
STO G E A CHANCELLORS OFF CHANC OFF

GIFTS, GRANTS AND CONTRACTS  
DEC 06, 1985

UNIVERSITY OF WISCONSIN - STOUT

## GIFT-IN-KIND

10. 3M COMPANY  
MENOMONIE, WI  
GIFT OF PRODUCTION CAMERA FOR HYBRID MICRO  
ELECTRONICS.  
STO I&TECH ENERGY & TRANSP
11. MR. & MRS. RON TESSENDORF  
DUNDEE, IL  
GIFT OF 42" ROUND CEDAR, GAMING TABLE (STUDY  
TABLE). CUSTOMIZED W/2" ROPE BORDER AND METAL  
INLAY OF SAILBOARD AND JTC INITIALS. FOUR (4)  
WHITAKER CHAIRS #101-1FC COVER: BURGANDY, FINISH:  
DARK  
STO R HALL RESIDENCE HALLS RES HALLS
12. WEST PUBLISHING COMPANY  
EAGAN, MN  
COMPLETE PHOTO-TYPESETTING SYSTEM: 6 TERMINALS, 1  
CPU, 1 TAPE DRIVE FOR BACKUP. TWO HARD DISC DRIVES  
- ONE BEING FOR PARTS; 1 PRINTER, 1 MK4  
PHOTOTYPESETTER, 1 MK5 PHOTOTYPESETTER FOR  
NUMEROUS SPARE PARTS FOR REPAIRS AND NUMEROUS TYPE  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
13. 3M COMPANY, PHOTO PRODUCTS DIVISION  
SOUTH EGAN, MN  
3M COLOR KEY AND FILM--1 PKG. LOD 10X12 FILM, 1  
BOX BL LITHO FILM 10X12, 8 BOXES 3M NEGATIVE COLOR  
KEY 10X12 1/M, C, & BLK, 2 BOXES LOD FILM 20X24, 1  
BOX BL FILM 20X24, 2 BOXES 3M NEGATIVE COLOR KEY  
RAINBOW PACKS.  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
14. MILPRINT, INC.  
MILWAUKEE, WI  
ONE SKID COATED OFFSET PAPER, 38 X 50 X 70.  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
15. 3M WESTERN REGIONAL SALES MANAGER  
ST. PAUL, MN  
3M FILM, MATCH PRINT MATERIAL AND LAMINATOR  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
16. INTEL, ACADEMIC RELATIONS DIVISION  
SANTA CLARA, CA  
GIFT OF ICE AND ILTA SYSTEM. THE UNIVERSITY PAID  
APPROXIMATELY \$11,000 OF \$30,000 UNIT. THE REST  
WAS AN EDUCATIONAL DONATION FROM INTEL'S ACADEMIC  
RELATIONS DIVISION.  
STO I&TECH ENERGY & TRANSP
17. NATIONAL ASSOCIATION FOR THE EXCHANGE OF  
INDUSTRIAL RESOURCES  
NORTHFIELD, IL  
GIFT OF SHOULDER SCREW; CASTING SET (2); ROUTER  
GUIDE (4); LUGGAGE TAGS (2); ANALYSIS PAD (1);  
1985 CALENDAR (75); INDEX DISPLAY CASE; COMPUTER  
DISKETTE (6); PIPETTE STAND (10); SOIL TEST LABS  
(2); SAW TABLES (2); SOIL TEST LABS.  
STO LIB ST LIBERAL STU ADM

GIFTS, GRANTS AND CONTRACTS  
DEC 06, 1985

UNIVERSITY OF WISCONSIN - STOUT

## GIFT-IN-KIND

18. INTEL CORPORATION  
SANTA CLARA, CA  
GIFT OF 3 I-SQUARED SYSTEMS.  
STO I&TECH ENERGY & TRANSP
19. ZENITH MICROCIRCUITS  
BUFFALO GROVE, IL  
GIFT OF ONE SCREEN PRESS.  
STO I&TECH ENERGY & TRANSP
20. JOHN MEULLER  
EAGAN, MN  
GIFT OF 1 BOX 20 X 24 3M LOC 4 FILM AND 4  
BOXES 3M NEGATIVE ACTING MATCH PRINT PREPRESS  
PROAFIN MATERIAL CYAN, MAGENTA, YELLOW AND BLACK  
ALL 20 X 24.  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
21. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
GIFT OF TRACK LIGHTING, LEVOLOR BLINDS, PRINTS,  
THREE POSTER PRINTS, TWO PRINTER STANDS.  
STO EDUC SCH OF ED ADMIN EDUC ADMIN

## INSTRUCTION

1. EDUCATION, DEPT OF  
CHICAGO, IL  
LONG TERM TEACHING GRANT AND TRAINEESHIPS IN  
REHABILITATION FACILITY ADMINISTRATION  
(REGION V REGIONAL OFFICE REHABILITATION)  
FOR THE PERIOD 09-01-85 THROUGH 08-31-86  
AWARD # G058400115  
STO EDUC STO VOC REH INST DEPT OF VR (144-0504) 47,967.00
2. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) SPECIAL NEEDS CONCENTRATION WITHIN M.S. IN  
VOCATIONAL EDUCATION - CONTINUATION GRANT FOR  
THIRD YEAR OF A THREE YEAR PROJECT PERIOD  
FOR THE PERIOD 07-01-85 THROUGH 05-31-86  
AWARD # G008301224  
STO EDUC EDUC & PSYCH EDUCATION (144-0445) 26,805.00
- 2) "TRAINING REHABILITATION TECHNOLOGY SPECIALISTS"  
DEVELOPMENT OF SPECIFIC COURSES, CLIENT DELIVERY  
SERVICES, STUDENT RECRUITMENT, EXPAND LIBRARY  
RESOURCES, ESTABLISH COOPERATIVE PROJECTS, LAB  
SETUPS, EVALUATION OF TRAINING PROJECTS  
FOR THE PERIOD 09-01-85 THROUGH 08-31-86  
AWARD # G058400117  
STO EDUC STO VOC REH INST REHAB ENGR (144-0450) 53,652.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - STOUT

## INSTRUCTION

- 3) CAREER EDUCATION FOR COLLEGE WOMEN WHO ARE  
DISABLED - THIRD PHASE OF A THREE YEAR PROJECT  
FOR THE PERIOD 08-01-85 THROUGH 07-31-86  
AWARD # GO08302787  
STO EDUC EDUC & PSYCH EDUCATION (144-0618) 40,000.00
3. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL AND  
ADULT EDUCATION/UNIVERSITY OF WISCONSIN-STOUT  
LIAISON PROJECT  
FOR THE PERIOD 07-01-85 THROUGH 06-30-86  
AWARD # 30-104-150-316  
STO I&TECH CTR FOR VTAE CTR VTAE (144-0467) 35,350.00

## MISCELLANEOUS

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
ASPIRE - ACADEMIC SUPPORT PROGRAM IN A RESPONSIVE  
ENVIRONMENT  
FOR THE PERIOD 09-01-85 THROUGH 08-31-86  
AWARD # GO08401149  
STO G E A STU AFF & COUNSL DN COUN SV (144-0465) 113,919.00

## RESEARCH

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
YOUTH EMPLOYMENT PROJECT: DEMO OF A SCHOOL-BASED  
VOCATIONAL PREPARATION MODEL FOR TRANSITION FROM  
SCHOOL TO WORK  
FOR THE PERIOD 09-01-85 THROUGH 08-31-86  
AWARD # GO08430008  
STO EDUC STO VOC REH INST RES&TRNG C (144-0481) 131,973.00

TOTAL STOUT 890,691.00

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EXTENSION AND PUBLIC SERVICE	441,025.00
INSTRUCTION	203,774.00
MISCELLANEOUS	113,919.00
RESEARCH	131,973.00



GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - WHITEWATER

STUDENT AID

1. FIRST BANKING CENTER  
BURLINGTON, WI  
DWYER, MARIE Z. ESTATE  
FINAL DISTRIBUTION  
DWYER, MARIE Z.--STUDENT ASSISTANCE (WTW)  
WTW L&S ENGLISH ( TRUST ) 5,844.80

TOTAL WHITEWATER 5,844.80  
=====

STUDENT AID 5,844.80

GIFTS, GRANTS AND CONTRACTS  
DEC 06, 1985

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## GIFT-IN-KIND

1. CRAY RESEARCH, INC.  
RICE LAKE, WI  
RADIO SHACK, TRS-80 MODEL III MICROCOMPUTER  
SINGLE DISK DRIVE  
CNS BARRON PHYSICS
2. DON DEBRUYN  
TWO RIVERS, WI  
GIFT OF 28 BOOKS TO THE LIBRARY  
CNS MANIT LIBRARY
3. MR. GEORGE MCKEOUGH  
MENASHA, WI  
ONE RUBBER PLANT  
CNS FOX VA LIBRARY
4. MRS. MARY ELLEN DUCKLOW  
APPLETON, WI  
TWO LARGE CITRUS TREES  
CNS FOX VA LIBRARY
5. BARBARA KELLY  
APPLETON, WI  
THREE PLANTS--1 ALOE, 1 BURRO'S TAIL, 1 JADE PLANT  
CNS FOX VA LIBRARY
6. MRS. CARL GEISLER  
NEENAH, WI  
MOUNTED AND WATERPROOFED J.C. WYETH PRINT  
CNS FOX VA LIBRARY

## RESEARCH

1. WISC DEPT OF NATURAL RESOURCES  
MADISON, WI  
AIR QUALITY MONITORING-MARATHON COUNTY FOR THE  
PERIOD 10-01-85 THRU 09-30-86  
AWARD # PD #NRF 97873  
CNS MARATH CHEMISTRY (133-J752) 5,738.85

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
(REDUCTION IN GRANT FUNDS)  
FOR THE PERIOD 07-01-84 THROUGH 06-30-85  
AT A TOTAL COST OF \$2,046,322.00  
AWARD # PO08502949, MOD. 5  
CNS (148-R085) 48,759.00-

TOTAL CENTER SYSTEM 43,020.15-  
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RESEARCH 5,738.85  
STUDENT AID 48,759.00-

GIFTS, GRANTS AND CONTRACTS  
DEC 06, 1985

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI PRIME CONTRACTOR WITH DHHS UW-EXTENSION SHOOTS AND ROOTS PROGRAM FOR THE PERIOD 09-16-85 THROUGH 12-13-85 AWARD # P.O. # FDF 31686 PO EXT COOP E CO&AREA OFC-S E	(144-X378)	5,970.00
2.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI PRIME CONTRACTOR WITH NEH WHAT'S NEW IN THE BIBLE FOR THE PERIOD 11-01-85 THROUGH 06-30-86 AWARD # FY85-39 (L) EXT TELCOM WHA RADIO	(144-X385)	8,160.00
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN RURAL LEADERSHIP PROGRAM EXT COOP E DEAN'S OFFICE   RUR LDRSHP	(133-H773)	5,000.00
4.	PROGRAM UNDERWRITING FOR FY 86 EXT TELCOM WHA TELEVISION	(133-J325)	
	5,000.00   PIZZA PIT MADISON, WI		
	1,000.00   F. E. SEYBOLD, INC. MADISON, WI		
	500.00   MULTIPLE DONORS		
	2,000.00   OHMEDA MADISON, WI		
	700.00   MULTIPLE DONORS		
	1,000.00   MEICHER CPA MADISON, WI		
			10,200.00
5.	GREEN LAKE COUNTY GREEN LAKE, WI PARTIAL SUPPORT FOR STAFF OF COOPERATIVE PROGRAMS FOR THE PERIOD 10-01-85 THRU 06-30-86 EXT COOP E CO&AREA OFC-CTRL	(133-J755)	7,745.00
6.	MULTIPLE DONORS UNIVERSITY EXTENSION FELLOWSHIP FUND EXT COOP E PROFESSNL DVLPMT PRFNL DVLP	(133-7462)	25.00
	TOTAL EXTENSION		37,100.00 =====
	EXTENSION AND PUBLIC SERVICE	37,100.00	

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - CENTRAL ADMINISTRATION

## INSTRUCTION

1. AMOCO FOUNDATION, INC.  
CHICAGO, IL  
FACULTY TEACHING AWARD PROGRAM TO ENCOURAGE  
EXCELLENCE IN TEACHING PERFORMANCE IN THE  
UNDERGRADUATE LEVEL AND TO PROVIDE AN INCENTIVE TO  
ACHIEVE THAT GOAL AT THE TWO DOCTORAL CLUSTER  
UNIVERSITIES  
SA S AC A ACADEMIC AFFAIRS (133-9489) 10,500.00

## MISCELLANEOUS

1. EDUCATIONAL TESTING SERVICE  
PRINCETON, NJ  
SPONSORED BY THE ANNENBERG/CPB PROJECT,  
CORP FOR PUBLIC BROADCASTING THROUGH EDUCATIONAL  
TESTING SERVICE, STUDY AND REPORT DISSEMINATION,  
UTILIZATION AND ASSESSMENT OF TELEVISION COURSE  
MATERIALS USED IN HIGHER EDUCATION  
SA VP U R V PRES UNIV REL (133-0300) 16,000.00

TOTAL CENTRAL ADMINISTRATION 26,500.00  
=====

INSTRUCTION 10,500.00  
MISCELLANEOUS 16,000.00

NOVEMBER 18, 1985  
GIFTS, GRANTS AND CONTRACTS SUMMARY  
ITEMS PROCESSED 10-22-85 THROUGH 11-18-85

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	10,500	-0-	16,000	-0-	-0-	-0-	-0-	26,500
CENTER SYSTEM	-0-	-0-	-0-	-0-	-0-	5,739	(48,759)	-0-	(43,020)
EAU CLAIRE	2,630	99,402	-0-	-0-	-0-	73,762	-0-	-0-	175,794
EXTENSION	37,100	-0-	-0-	-0-	-0-	-0-	-0-	-0-	37,100
GREEN BAY	-0-	-0-	-0-	18,000	-0-	-0-	-0-	-0-	18,000
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON	37,664	709,012	2,386	663,885	-0-	9,005,036	129,453	(1,000)	10,546,436
MILWAUKEE	70,000	48,263	-0-	52,484	-0-	183,788	753,528	-0-	1,108,063
OSHKOSH	42,000	-0-	-0-	-0-	-0-	-0-	-0-	-0-	42,000
PARKSIDE	-0-	-0-	-0-	-0-	41,707	-0-	271,589	-0-	313,296
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
RIVER FALLS	-0-	9,741	-0-	-0-	-0-	-0-	2,900	-0-	12,641
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STOUT	441,025	203,774	-0-	113,919	-0-	131,973	-0-	-0-	890,691
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	-0-	-0-	-0-	-0-	-0-	-0-	5,845	-0-	5,845
<b>TOTAL DEC 1985</b>	<b>630,419</b>	<b>1,080,692</b>	<b>2,386</b>	<b>864,288</b>	<b>41,707</b>	<b>9,400,298</b>	<b>1,114,555</b>	<b>(1,000)</b>	<b>13,133,346</b>
PREVIOUSLY REPORTED	3,463,225	12,294,340	567,957	4,366,819	383,868	88,232,610	35,672,511	5,625	144,986,956
<b>GRAND TOTAL</b>	<b>4,093,644</b>	<b>13,375,033</b>	<b>570,343</b>	<b>5,231,107</b>	<b>425,575</b>	<b>97,632,908</b>	<b>36,787,066</b>	<b>4,625</b>	<b>158,120,302</b>
<b>TOTAL DEC 1984</b>	<b>584,385</b>	<b>882,097</b>	<b>44,185</b>	<b>606,411</b>	<b>-0-</b>	<b>5,977,350</b>	<b>2,510,117</b>	<b>-0-</b>	<b>10,604,545</b>
PREVIOUSLY REPORTED	5,836,678	12,942,223	607,510	4,614,661	852,444	79,985,982	35,380,659	7,800	140,227,958
<b>GRAND TOTAL</b>	<b>6,421,063</b>	<b>13,824,320</b>	<b>651,696</b>	<b>5,221,072</b>	<b>852,444</b>	<b>85,963,333</b>	<b>37,890,776</b>	<b>7,800</b>	<b>150,832,503</b>
<b>FEDERAL TOTAL DEC 1985</b>	<b>527,785</b>	<b>368,906</b>	<b>-0-</b>	<b>354,688</b>	<b>41,707</b>	<b>6,723,431</b>	<b>994,775</b>	<b>-0-</b>	<b>9,011,292</b>
PREVIOUSLY REPORTED	2,576,969	11,755,048	4,301	1,161,874	382,651	62,250,242	33,374,757	-0-	111,505,842
<b>FEDERAL GRAND TOTAL</b>	<b>3,104,754</b>	<b>12,123,954</b>	<b>4,301</b>	<b>1,516,562</b>	<b>424,358</b>	<b>68,973,673</b>	<b>34,369,532</b>	<b>-0-</b>	<b>120,517,134</b>
<b>FEDERAL TOTAL DEC 1984</b>	<b>193,581</b>	<b>721,333</b>	<b>-0-</b>	<b>91,365</b>	<b>-0-</b>	<b>3,469,534</b>	<b>2,308,276</b>	<b>-0-</b>	<b>6,784,089</b>
PREVIOUSLY REPORTED	1,300,255	12,384,075	-0-	2,134,807	374,894	57,905,125	33,699,475	-0-	107,798,631
<b>FEDERAL GRAND TOTAL</b>	<b>1,493,836</b>	<b>13,105,408</b>	<b>-0-</b>	<b>2,226,171</b>	<b>374,894</b>	<b>61,374,659</b>	<b>36,007,751</b>	<b>-0-</b>	<b>114,582,719</b>

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Chancellor Irving Shain, UW-Madison

Chancellor Robert S. Swanson, UW-Stout (Vice Chair)

November 27, 1985

University of Wisconsin System  
Policy Statement on Auxiliary Enterprise Reserves

1.0 BACKGROUND

The primary goals of Auxiliary Enterprises are to provide programs, services, and facilities that are responsive to student development needs and to the physical, social, educational and recreational needs of the university community. Auxiliary programs are an integral part of each institution's educational environment, assist in meeting the mission, goals, and objectives of the university, and provide educational and recreational opportunities that sustain the quality of university life. Examples of Auxiliary Enterprises include: residence halls, student centers/unions, bookstores, textbook rentals, parking, student health services, and student organized activities.

The primary revenue sources for auxiliaries are user charges (e.g., dormitory room rentals), student segregated fees (e.g., center/union charges), merchandise sales (e.g., bookstores), and interest earnings from temporary investments. UW System policy has established a variety of reserve funding requirements to insure that sufficient funds are available to protect current operations, guarantee debt service obligations, and provide for capital replacements and expansions.

The purpose of this paper is to identify recent legislation effecting reserve accumulations, explain the implications for future auxiliary management, and establish a policy framework that will enable the institutions to be responsive.

2.0 CURRENT CONTEXT

The 1985-87 State Biennial Budget reduced auxiliary reserve funds by \$22,579,600 and directed the University to apply \$13,464,300 as an offset to academic fee increases, and \$9,115,300 to increase library acquisitions. Additionally, new language in Chapter 36 of the statutes prohibits the university from accumulating reserve funds without prior approval from the Legislative Joint Committee on Finance. In effect every reserve dollar, present and future, is subject to review. Chapter 36.46, Wis. Stats. states:

"The board may not accumulate any auxiliary reserve funds from student fees unless the fees and the reserve funds are approved by the joint committee on finance acting under s.13.10. A request by the board for such approval shall be filed with the secretary of the committee under s. 13.10 (3). The request shall include a plan specifying the amount of reserve funds the board wishes to accumulate and the purpose to which the reserve funds would be applied, if approved."

These decisions are contained in Act 29 laws of 1985, and are based in part upon the Legislative Audit Bureau's Evaluation of Reserve Balances (February 28, 1985).



In response to the audit report, the University argued that reserve accumulation levels were not excessive when compared to a recently completed survey of capital needs. However, the Audit Bureau concluded that reserve funds were available in advance of need. With this in mind and pending the Regents taking action to implement the new legislation, steps have been taken in 1985-86 to more effectively control reserve accumulations. Specific steps to move toward the goals of a "no-profit" operation and lower reserve fund levels include: eliminating the facility portion of the segregated fee, freezing further reserve accumulations, stabilizing or reducing fee levels at most institutions, and refunding unanticipated revenues to students in the form of midyear fee reductions.

### 3.0 IMPLICATIONS FOR FUTURE OPERATIONS OF AUXILIARIES

The most significant implications for the future are the effects on (1) the Regents authority to establish fee and reserve levels, and (2) the methodology for funding future facility and equipment requirements. In the past, the Regents had final authority to set fees and reserves, with reserve funding generated by applying a formula factor to facility and equipment costs (1% of facility costs and 7% of equipment costs, adjusted for inflation). In the future, "The Board may not accumulate any auxiliary reserve funds from student fees unless the fees and the reserve funds are approved by the joint committee on finance...". In other words, Regent action on that portion of segregated fees or user charges applied to reserves is conditional. Also the Regents must submit a request to Joint Finance which "...shall include a plan specifying the amount of reserve funds the board wishes to accumulate and the purpose to which the reserve funds would be applied..." (s.36.46 Wis. Stats.).

The policy implications of these changes are addressed in the remaining sections of this paper. In addition, a review of operating procedures and systems supporting reserves will be necessary. The System Administration Office of Auxiliary Services will be responsible for coordinating the effort with the institutions to identify, define, and implement necessary modifications.

### 4.0 POLICY RECOMMENDATIONS

To more effectively manage and control auxiliary reserve accumulations in the future, it will be necessary to modify policies and procedures regarding capital improvements. A systemwide Task Force, under the direction of the Vice President for Business and Finance, was asked to assist in these efforts.

Based upon consultation with the Task Force and the institutions, it is recommended that the University System:

- 4.1 Establish revised reserve categories and fund accumulation limits as prescribed in Section 5.0, and reassign all existing reserve funds.
- 4.2 Require that future capital reserve accumulations be determined by documented needs as described in Section 7.0, effective with the 1986-87 operating budget.
- 4.3 Provide for facility and equipment needs from existing reserve fund accumulations until it can be demonstrated that levels are less than the limits provided in Section 5.0.

- 4.4 Conduct regular evaluations of cash and investment accumulations to insure adequate but not excessive funding as explained in Section 6.0.
- 4.5 Respond to the the \$22.5 million reduction as explained in Section 8.0.

## 5.0 RESERVE CATEGORY RECOMMENDATIONS

### 5.1 Capital (Institution)

This category provides funding for future facility repair, renovation, replacement, and/or expansion, and future equipment repair, replacement and/or enhancement. Less costly facility and equipment improvements, for which reserves are not utilized and that will be funded from normal operating cash flow, will be reviewed for appropriateness in the annual budget process. Separate accounts shall be maintained by expenditure type and activity (e.g., facility repair for residence halls), with accumulations dependent upon expenditure plans that identify purpose and anticipated time of commitment. For capital projects requiring submission to the State Building Commission, the statutory six and ten year planning period shall apply, with funding for the first six years. Regents must approve in advance proposals to extend the accumulation period beyond six years. For facility and equipment projects that are not part of the State capital budget process, the planning and funding period shall not exceed six years.

### 5.2. Debt Retirement (Institution)

This category provides for the continuation of debt service payments in the event current operating revenues are not sufficient to make payments. Included are sinking funds to meet debt indenture requirements and similar amounts when not mandated by the indenture. Sinking fund levels shall equal that specified in the indentures, or an amount equal to two years of debt service payments, which ever is greater. Separate accounting shall be maintained for each indenture.

### 5.3 Operations (Institution)

This category will provide protection for the institutions against contingencies, such as enrollment shortfalls or fire damage, and major estimated future liabilities such as those associated with employee benefit claims. Funding limits for contingencies shall be limited to the aggregate of two months of required operating expenses. Funding limits for estimated future liabilities shall be determined on a need basis with sufficient documentation and approval by the Regents.

### 5.4 Systemwide

This category provides for contingencies where an institution does not have adequate resources or where students at an institution should not be totally responsible for a cost, and for projects that are more appropriately funded on a systemwide basis. Projects that are specific to an institution should be funded by institution reserves rather than from this systemwide contingency to insure program accountability and student

participation. This category shall not exceed one-percent (1%) of the system's annual auxiliary revenues. A report identifying the purpose and amount of each commitment will be submitted annually to the Regents.

#### 6.0 EVALUATION OF CASH AND INVESTMENT ACCUMULATIONS RECOMMENDATION

Present reserve policies have permitted the accumulation of cash and investments without a rigorous evaluation of need. As a means to improve control of reserve funds, it is recommended that future accumulation levels be limited and that a program for evaluating the relationship between accumulations and financial requirements be established. The evaluation process will include: (1) reserve limits from Section 5.0; (2) future expenditure needs (or financial requirements) expressed in present worth terms; (3) cash and investments on hand adjusted for anticipated interest earnings; (4) general obligation bonding plans; and (5) the comparison of financial requirements to reserves. Financial requirements are those future expenditure needs for which a savings (reserve) program is essential for adequate funding. The present worth of the financial requirements is a calculated value indicating how much savings must be available now to pay for future expenditures (i.e., a value which is the result of amortizing the estimated amount needed and adjusting it for estimated future inflation). For example, the financial requirement could be a remodeling project to be constructed in five years with an anticipated cost of \$.5 million. The present worth of the project would be the amount of savings needed at the time of evaluation to insure adequate funding when the project is to be constructed.

The purpose of the evaluation is to establish the proper level for reserves and to explain variances between financial requirements and available funds. If deficits occur, expenditure plans can be changed, revenues increased, or unanticipated revenues applied. Excesses can be eliminated by fee reductions or revisions of the expenditure plans to include lower priority items.

#### 7.0 DOCUMENTATION OF CAPITAL NEEDS RECOMMENDATION

One result of the legislative audit was the recognition of an inadequate statement of capital needs for the auxiliaries. A survey conducted in late 1984 and early 1985 to identify capital needs for the next ten years, demonstrated that funds had been accumulated too far in advance of the time needed, but not in excess of eventual needs. Consistent with the provisions of s.36.46 Wis. Stats., it is recommended that capital reserve balances be reduced by the amount accumulated too far in advance, and future levels be determined by using the evaluation process described in Section 6.0. Reserve balances will be drawn down by funding capital expenditures from reserves, and not adding to balances until reaching the level determined through the evaluation process.

Nearly a year has passed since the survey was completed, and at a minimum it must be updated. However, rather than a simple update, the format should be revised to better serve long range planning for capital requirements, and to provide for sufficient documentation of need for the legislative review process. The documentation will be included in the operating budget, with selected portions also included in the capital budget for submission to the State Building Commission.

**8.0 RESPONSE TO THE AUXILIARY RESERVE REDUCTION AS REQUIRED BY WISCONSIN STATUTES**

The legislative decision, to appropriate \$22.5 million of auxiliary funds for tuition subsidies and library acquisitions, requires the removal of funds from auxiliary reserves that are assigned to, accounted for, and generated by the institutions. The funds, however, are pooled for investment at a system level.

The goal is to make the \$22.5 million removal in a manner that is equitable and feasible for the University and also responsive to the legislative mandates. The final resolution must be fair to students while allowing institutions to retain adequate resources: students must be assured that they and their institutions will be treated fairly, and those responsible for managing auxiliary operations must have the resources needed to assure continued financial solvency. This can be achieved by implementing the following recommendation: (1) transfer \$22.5 million to the State general fund pursuant to Act 29, laws of 1985, (2) establish a systemwide liability to recognize the withdrawal, and (3) liquidate the liability through a systemwide fee when cash balances of the institutions fall below the levels provided in Section 5.0. Section 8.0 will terminate upon final settlement of the liability.

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

MEETING SCHEDULE

- 1986-87 -

1986

July 11

August 8

September 5

October 10 (UW-Platteville)

November 7

December 5

1987

January 9

February 6

March 6

April 10

May 8

June 5 (Annual Meeting)

12/6/85

E. UW-PLATTEVILLE (Cont.)

- c. Heating & Ventilating Work  
McGuire Construction Inc. - Highland \$ 25,000.00
- d. Electric Work  
Poellinger Electric Inc. - La Crosse \$ 18,185.00
- e. TOTAL CONTRACT AWARDS: \$ 200,463.00

F. UW-RIVER FALLS

- 1. 1983-85 Remodel Milking Parlor (8411-33)
  - a. All Work  
Inter Co. Dairy Equipment - New Richmond \$ 66,250.00

G. UW-SYSTEM

- 1. 1983-85 Small Energy Conservation Projects (8311-50)
  - a. UW-Eau Claire - Expansion of the Existing Energy Management System Work  
Hooper Construction Corp. - Madison \$ 23,080.00

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

UW-Extension A. NONE - ~~Bridge~~ - Lease of space for Survey Research Laboratory at 5025 Old Middleton Rd, nonpers. item A

III. REPORT OF ACTIONS TAKEN (MEMO OF AGREEMENT):

- A. The lease of space from L & G Properties for 1,624 square feet of space at 5025 Old Middleton Road has been renewed for the period January 1, 1986 to June 30, 1986, with one six-month renewal option, on signature of the Interim Vice President for Physical Planning and Development. This space is used to house the telephone interviewing staff and on-site supervisory staff of the University of Wisconsin-Extension's Survey Research Laboratory whose function is to further the research interests of the faculty of the UW System. This space is utilized by a rotating staff of interviewers working at 25 work stations.
- B. On signature of the Interim Vice President for Physical Planning and Development, a lease has been approved involving 1,060 square feet of space at 2710 Marshall Court (Doctor's Park) for a grant-supported project of the Medical School's Department of Rehabilitation Medicine. The lease covers the period January 1, 1986 (or date of occupancy) through December 31, 1988. The agreement also provides for initial remodeling costs not to exceed \$11,600. Remodeling and annual rental costs of \$10,800 will be paid from grant-related program revenues of the Medical School.

Medical School - Bridge - Lease of space at 2710 Marshall Court for Dept. of Rehabilitation Medicine, nonpers. item B



Broadcasting - Lease between UW-Milwaukee + Mutual Broadcasting for an SCA channel from WUWM FM 9.0, nonpus. item C

C. A lease agreement between the Board of Regents and Mutual Broadcasting whereby Mutual Broadcasting will lease an SCA channel belonging to WUWM FM 9.0 and will pay the University of Wisconsin Milwaukee \$11,000 per year.

UW-Milwaukee - Lease with Mutual Broadcasting to lease an SCA channel from WUWM FM 9.0, nonpus. item C

D. Under authority granted to the officers of the Board by Resolution 518 (June 8, 1973) an underground easement across Biological Field Station property owned by the University of Wisconsin Center-Waukesha County has been granted to the Wisconsin Electric Power Company. The request has the support of the Centers Administration inasmuch as it had initiated the request for new electrical service and granting the easement will allow the power company to utilize a more efficient alternative route than presently exists.

UW Center - Waukesha County - Underground easement across Biological Field Station property to Wisconsin Electric Power Company, nonpus. item C

E. University of Wisconsin Press Agreements:

<u>AUTHOR</u>	<u>TITLE</u>
Steven Ruggles	"Prolonged Connections: Demographic Change and the Rise of the Extended Family in 18th and 19th Century England and America"
Terry Cooney	"The Rise of the New York Intellectuals: Partisan Review and Its Circle, 1934-1945"
Morris Teubal	ESSAYS ON THE ECONOMICS OF INNOVATION
Richard Handler	"Nationalism and the Politics of Culture in Quebec"
Tullio Persio Maranhao	"Socratic Dialogues and Therapeutic Discourse: A Cultural Critique"
Herbert W. Simons & Tervor Melia	"The Legacy of Kenneth Burke"
James H. Cassedy	"Medicine, Demography, and American Expansion, 1800-1860"
Sharon Kaufman	"The Ageless Self: Sources of Meaning in Late Life"
Jeffrey C. Robinson	Teaching Literature in History: The Experience of Wordsworth's "Immortality Ode"

Wisconsin Electric Power Co. - Underground easement granted across UW Center - Waukesha County's Biological Field Station property, nonpus. item D



E. University of Wisconsin Press Agreements (Cont.):

Robert Langbaum

✓ As yet untitled collection of essays.

John Phillip Reid

✓ "Constitutional History of the American  
Revolution: The Authority of Rights"  
Volume IJohn S. Nelson,  
Donald McCloskey and  
Allan Megill (the Editor)✓ "Language and Argument in Scholarship  
and Public Affairs"

University of Wisconsin - Extension  
 Program Revenue Contracts and Agreements

December 6, 1985

Agency/Donor	Project Description	Amount	Project Period	Project Director	UDDS
Educational Communications Board (ECB)	TV Production: WAVELENGTHS	\$ 6,373.20	09/06/85 - 04/30/86	O.S. Holtom	T-46-4600
Eastern Educational Network (EEN)	Distribution of RONNIE GILBERT IN CONCERT	\$ 4,000.00 plus addons	12/01/85 - 11/30/88	O.S. Holtom	T-46-4600
PBS Video	Distribution of REACHING THE CHILD WITHIN	0.0	12/01/85 - 11/30/92	O.S. Holtom	T-46-4600
PBS Video	Distribution of THE GREATEST LAKES	0.0	12/01/85 - 11/30/92	O.S. Holtom	T-46-4600
U.S. Dept. of the Interior	Topographic Mapping of the State of Wisconsin	\$20,000.00	07/01/85 - 06/30/86	M.E. Ostrom	T-47-3513
Rutgers, The State University of New Jersey	Epidemiology of Adolescent Introspection and Distress	\$19,380.00	07/01/85 - 06/30/86	Harry Sharp	T-43-3200

To have been reported for the October meeting:

Douglas & Associates, Houston, TX	Distribution of 9 film properties	0.0	10/01/85 - 03/31/86	R.D. Lawson	T-46-4600
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