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MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Superior, Wisconsin

July 13, 1990

This is a summary of actions taken by the Board of Regents on the above date. Full minutes of the meeting will be available within a month at the main library or archives on each campus of the University of Wisconsin System and the Legislative Reference Bureau of the State Capitol.

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MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Superior, Wisconsin

Held in the Ballroom, Rothwell Student Center, UW-Superior  
Friday, July 13, 1990  
9:00 a.m.

- President Lyon presiding -

PRESENT: Regents Clusen, Davis, DeLong, Doughty Luckhardt, Dreyfus, Flores, Gelatt, Gundersen, Krutsch, Lyon, Nicholas, Schilling, Steil, Vos and Weinstein

ABSENT: Regents Grover and Vattendahl

Approval of Minutes

Upon motion by Regent Davis, seconded by Regent Dreyfus, the minutes of the annual meeting of the Board, held on June 8, 1990, were approved as distributed.

Introduction of Senator Jauch

Welcoming State Senator Robert Jauch, Chair of the Senate Educational Financing, Higher Education and Tourism Committee, Regent President Lyon noted that Senator Jauch is a long-time friend of education in Wisconsin.

Remarks by Senator Jauch

Senator Jauch began his remarks by stressing the importance of Regent visits around the state, both as means to understand better the significance of the institutions to their surrounding areas, and as a means to demonstrate interest in the special strengths and needs of the various institutions. In the case of UW-Superior, the university has a particularly great responsibility to the community because of the size and diversity of

↓ *Legislature* -

↳ *Remarks by Senator Jauch at Board meeting in Superior, pp 1-2*

the area. Having the University reach out to assist in economic development and community survival is extremely important to the people of northern Wisconsin. The Regents' visit, he commented, has done much to boost confidence in the Board's responsiveness to the special needs of this part of the state.

Complimenting the Regents for their willingness to contribute so much time and effort to the well-being of the UW System, he observed that the position of responsibility as a Regent is second to none in the state and requires careful balancing of interests in determining what is really important for the System as a whole. "The University is one of our greatest strengths, and we cannot cheerlead enough about the importance of this University System to the State of Wisconsin. Wherever I go and describe the richness of Wisconsin, it is always the University of Wisconsin System and our educational system that becomes the fundamental selling point about what is great about Wisconsin." That had occurred, he noted, because the public and the Legislature have been willing to support quality programs matched by few others in the nation. The challenge in the upcoming years, he remarked, will be finding ways to assure the resources and management to do an even better job in an environment marked by competition, not only for quality students and faculty, but also for scarce state dollars.

Senator Jauch urged the Regents to view as their primary responsibility identification of the actual needs of the University of Wisconsin System and strong advocacy for those needs. It then is up to the Legislature to determine the priorities of overall state spending.

Recognizing management flexibility as an important concern of the Regents, Senator Jauch stated his agreement that the Legislature should not make decisions at the management level, but he pointed out legislative concern about losing accountability. He thought legislators would be willing to leave greater accountability in the hands of the Board of Regents if they believe the Regents have identified needs, set priorities among them and have assured efficient management of the resources allocated by the Legislature. If the Board were to become overly cautious in presenting budget requests, he warned that the effect would be to politicize the budget process, resulting in legislative attempts to define priorities for the UW System, thus pitting small campuses against larger ones. Priorities must be decided by the Board of Regents, he emphasized, and not by legislators who will look to their localized interests rather than at the UW System as a whole.

Senator Jauch commended the Regents, President Shaw and his staff for the success of enrollment management and the efficiency with which the UW System is operating now compared to several years ago. He felt comfortable that there is a plan in place to use resources in a way that maximizes the return on the state's investment.

REPORT OF THE PRESIDENT OF THE BOARD

✓ *Regent - Committees (General) - Committees named for year,*  
Statement by Regent President Lyon *p. 3 + EXA*

Expressing appreciation for the cooperation received from members of the Board in the Committee appointments he had made, Regent President Lyon remarked that the Committee composition provides an excellent balance of thought and the best application of the human resources that constitute the Board. (The list of Regent Committee appointments is attached as EXHIBIT A.)

✓ *Lyon, Regent Thomas - statement as new Board President, pp 3-4*

With an expanded staff, he noted, there is the opportunity more effectively to serve the Regents in development of independent studies, in-depth review of documents, and follow-up to specific items. He asked that Committee members work through their respective Chairs in the assimilation of staff requests. Executive Assistant Bove is to contact Committee Chairs following each meeting to ascertain those agenda items needing further attention. In the coming months, he added, most of the time allocated to major studies will be devoted to the Supplies and Expense Task Force and analysis of the biennial budget request. If time constraints force prioritization of requests, he and Vice President Nicholas would be in communication with the Committee Chairs.

✓ *Regent Staff - statement by President Lyon on new staff expectations,*  
*p. 3*

With regard to the position of Secretary of the Board, he indicated the growth of the position was not properly reflected in the current position description. A revised responsibility statement is to be forwarded to Regents prior to the September meeting, with any suggestions for change to be communicated to the President of the Board.

Regent President Lyon then referred to a listing of anticipated agenda items for the coming year which had been compiled at his direction, with input of Regent staff and System Administration, and which had been reviewed by the Committee Chairs. He asked Regents to advise him, Vice President Nicholas or the Committee Chairs of any suggested additions or other changes.

✓ *Campus Visits - Planned visits by Regents prior to 1991-93 budgets,*  
*p. 3*

To meet the ongoing need for Regents to receive quality exposure to the inner workings of each campus, Regent President Lyon proposed that members of the Board make a planned visit to each campus prior to finalization of the 1991-93 operating and capital budget requests. The agenda is to include a facility tour and discussion periods with campus administration, faculty, academic staff, and students, the object being to receive input and become better informed of the concerns of campus leadership. The intent is for two or three Regents to be present for each visit. The Office of University Relations was to contact the members of the Board to ascertain visitation preferences, agenda preparation and preliminary scheduling.

With regard to his expectations and goals for the coming year, Regent President Lyon stated that primary consideration must be given to "passage of an operating and capital budget that adequately funds past initiatives and allows further implementation of the quality theme.

"More than in the two previous budgets in which I have been associated, the 1991-93 asking will complement monetary requests with a strong 'freedom to act independently' component. During the Shaw administration, I believe

the University System has earned the right to ask state government for greater freedom to allocate granted resources in the institution's intelligent best interest.

"Through enrollment management, strengthened admissions standards, improved credit transferability, revised mission statements, performance evaluated upon quantifiable goals, and a host of other initiatives, this Board and its System administrators have proved that they can govern. I trust that the Legislature and the Administration, in considering the biennial budget, will be appreciative of the substantial change that has taken place as we seek to decouple compensation, be allowed to react quickly to new and unmet needs, and efficiently maintain the infrastructure.

"The major area of discussion in the coming months will be enrollment management. When the dust settles, I hope that this Board comes down on the side of enrollment opportunity for Wisconsin citizens who meet our more stringent admission standards. If students achieve our predetermined benchmarks, they must not be denied access. We should not be bashful in requesting general purpose revenue support to stabilize costs to students and to guarantee access and a quality education for those students who qualify.

"As the budget is processed, funding contributors should gain confidence in our ability to manage the System as we enact quality assessment policies and procedures, and implement curriculum changes proposed by specific discipline reviews and the established programmatic review procedures that we have in place.

"A common theme of the Weinstein and Schilling presidencies (perhaps longer, but that predates my experience) was that the Board of Regents is nonpartisan in its deliberations and advocates what it collectively believes to be in the best interest of its shareholders--the citizens of Wisconsin and the users of its services--160,000 students. That approach has served us very well, and I will do everything possible to maintain the working climate that I have inherited. I thank you very much, in advance, for your cooperation."

Regent Committee -

Initiation of Supplies and Expense Task Force, pp 4-5

Announcing establishment of a Regent-led Task Force to examine supplies and expense expenditures for the UW System, Regent President Lyon noted that this important budget area applies to a wide range of expenditures, including purchase of classroom equipment, travel expenses for faculty and academic staff participation in conferences, repair of laboratory equipment, and purchase of office supplies and computer software.

Regent Committee - Supplies & Expense Task Force - Initiation of Regent-led Task Force with

"The level of funding in this area," he stated, "has a direct bearing on the University's ability to carry out its teaching, research, and public service missions. At the same time, as with all budget areas, we must be sure that we use our supplies and expense funds judiciously. Specifically, we should seek to have policies and procedures in place that ensure the most efficient and cost-effective use of these funds."

Noting that the Task Force is the culmination of work in the past year by former Regent President Schilling and others to shape the project,

(ref)

Regents  
Chair & Staff  
PP 4-5

President Lyon said its purpose is to examine in a thorough, systematic and objective manner supplies and expense needs and ways for addressing those needs in a more efficient, cost-saving manner.

To help ensure the Task Force's objectivity and to draw on the widest possible range of views and expertise, the Task Force is to be co-chaired by two Regents and will be comprised of UW and Department of Administration officials, along with legislative and private sector representation. Regents Gelatt and Steil had agreed to serve as the Regent co-chairs of the Task Force. President Shaw and DOA Secretary Klauser were to nominate individuals from their staffs to serve as Task Force members. Regent Lyon had confirmed the participation of one private sector member, Robert Bush, Chairman of the Board of Schreiber Cheese, and one legislator, Representative Sue Rohan. He also was to invite another private sector representative to serve.

"This will be the first time," he stated, "that the Board of Regents establishes and leads an inter-governmental public sector/private sector task force. I believe this will be an effective mechanism for undertaking an objective study on an issue of strong interest to the Board. I would like to extend to Regents Gelatt and Steil and their Task Force colleagues the Board's support in their efforts to clarify the problems and identify constructive solutions in this important budget area."

✓ Regent - By Laws -

~~Amendments to the Board of Regents Bylaws~~  
*Adoption of general amendments, R 5549, p. 5 & EX B*

Presenting the proposed Bylaw amendments, Regent President Lyon outlined the following changes which would be made: deletion of a specified starting time for Board meetings; deletion of the provision for reading of the minutes of the last meeting; provision for officers to begin their terms immediately following the annual meeting; replacement of the word "Chairman" with "Chair"; and other revisions which would not change procedures but simply would update the language of the Bylaws and conform them with current practice.

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

Resolution 5549: That the Bylaws of the Board of Regents be amended as set forth in the attached document.

(A copy of the revised Bylaws is attached as EXHIBIT B.)

Regent Davis referred to standards for deciding whether or not to grant requests for Regent review of a personnel or student appeal when consideration by the Board is discretionary. In that regard, the Bylaws provide for consideration of several factors in making the determination. As Chair of the Personnel Matters Review Committee, he had not interpreted the Bylaws to mean that these shall be the only factors considered, but rather had interpreted them to mean that the Regents shall consider these factors but are at liberty to consider others as well.

Put to the vote, Resolution 5549 was adopted unanimously.



✓ VTAE -

VTAE, P. 6

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

A written report was provided by Regent DeLong, President of the State VTAE Board.

✓ DeLong, Delmar E. DeLong -

Resolution of Appreciation to Regent DeLong, R 5550, pp 6-7

Regent Schilling presented the following resolution, which was adopted with a standing ovation for Regent DeLong:

Resolution 5550: Whereas, Delmar E. DeLong has served with distinction on the Board of Regents of the University of Wisconsin System since 1988 in his capacity as President of the State Board of Vocational, Technical and Adult Education; and

Whereas, he has played a key role in enhancing positive relationships between the UW System and the VTAE System, including the landmark agreement facilitating transfer of credit while maintaining the distinct missions of the two systems; and

Whereas, he has enriched Regent deliberations with thoughtful and perceptive insights based on his knowledge and experience as a leader in the State Legislature and on his professional expertise in the fields of law and business; and

Whereas, his commitment to public service and to post-secondary education is demonstrated by the dedication and vigor with which he has served as a member of this Board and of the Education Committee, willingly devoting a great deal of time and effort to Regent duties, in addition to his demanding leadership responsibilities as President of the VTAE Board;

Now, therefore, be it resolved that the Board of Regents of the University of Wisconsin System hereby commends and thanks Delmar E. DeLong for the meritorious service and good counsel he has provided as a member of this Board for the past two years; and

Be it further resolved that, with great appreciation for the many contributions he has made to benefit the UW System, the Board of Regents grants to Regent DeLong, upon his retirement from the Board, the status and title of Regent Emeritus.

Regent President Lyon presented a plaque to Regent DeLong in appreciation for his distinguished service on the Board from 1988-90.

Stating that his term on the Board had been both interesting and educational, Regent DeLong thanked the Board members and administrative staff for the help they had given him. He expressed special appreciation to Regent Schilling for his counsel, guidance, and the outstanding service he had rendered as a member of the State VTAE Board. "I believe that we have made some very positive steps in cooperation between the two systems. We go hand in hand. We have distinctly separate missions, and those missions should be fulfilled by each board. But that does not preclude cooperation between the two systems, and I have already seen that improve tremendously. It is good for the VTAE and UW systems. I would like to feel that, in my tenure on the Board of Regents, we have taken a step forward and are ready to take some larger steps in the future."

✓ ECB →  
Report of the Chair of the Educational Communications Board

*emphasizing need for cooperation, p. 7*

As an example of the benefits of cooperation between the Educational Communications Board and the UW System, Regent Clusen, Chair of the Educational Communications Board, described the arrangements being made at UW-Superior which will increase the prospects for Wisconsin Public Radio to be heard among residents of northwestern Wisconsin.

Currently, the signal of the campus station KUWS-FM is receivable by persons within about 15 miles of the campus. Under the new arrangement, this station will reach many more people by late 1990. Up until this year, the station had been entirely student operated and used as a laboratory for students in the Communication Arts Program. Now, it is being upgraded in both power and studio facilities, with a primary coverage area of a 40-50-mile radius of Superior.

The station has joined the Public Radio network and is to begin broadcasting programs in September. This was made possible through an operating agreement between UW-Superior and the ECB. Station operation now will be managed by a three-person staff as part of the Public Radio network, with the University continuing to own the physical plant and being responsible for funding all capital improvements. Students will continue to have a vital role in the operation of the station, and the station will continue to be a part of the Communication Arts Program. When completed, the project will allow residents of northwestern Wisconsin to receive both the talk and the music portions of Wisconsin Public Radio. A modern production facility located at UW-Superior will enable production of programming to be carried to the rest of the state through the Wisconsin Public Radio network.

This is an excellent example, Regent Clusen noted, that shows what can be accomplished without great expenditure by application of cooperative efforts.

Regent President Lyon congratulated Regent Clusen on her reelection in June as Chair of the Education Communications Board.

✓ Bonds  
Report on Implementation of Higher Education Bond Program, pp 8-9

Noting the Board's early advocacy of the college bond program, Regent Schilling recalled that the Board had been asked by the Joint Finance Committee several years previously to consider the prospect of prepaid tuition. The conclusion was that such a program should not be adopted, but that a college bond program should be considered. With the capital budget, the Board submitted sample legislation, which was improved and adopted by the Governor and the Legislature.

After the first bond sale, several legislators raised concerns, and a report was done by the Legislative Audit Bureau. While media accounts had been quite negative, Regent Schilling commented that a careful reading of the audit report would show the sale actually to have been a great success. Normally, he pointed out, a \$65 million bond issue would be purchased by approximately 200 orders, whereas the \$65 million higher education bond series was purchased by 16,000 orders. It was clearly the most widely distributed Wisconsin bond series ever issued and may have been the most broadly distributed general obligation bond issue anywhere in the United States. In terms of getting the bonds into the hands of small investors, this bond issue had been highly successful.

With regard to the allegation that too many bonds were sold to big-time investors, Regent Schilling noted the rule requiring each underwriter to fill small orders first, which were defined as orders of less than \$4,000 at maturity. A \$1,000 denomination bond could be purchased for as little as \$250. Fifty-two percent of the \$65 million was sold in small orders.

Large orders were defined as those for more than \$4,000. Of this group, Regent Schilling pointed out, the average order was about \$8,000 at maturity. Orders of such size clearly were not placed by big-time investors.

The demand for the bonds was overwhelming, with the entire series sold in three days. Those unable to buy a bond, he explained, were thwarted by this heavy demand, not by large investors buying the bonds. The remaining demand would be satisfied by future bond sales.

Regent Schilling felt suggestions by the Legislative Audit Bureau and the Department of Administration would help to make a good program even better. These included a maximum order size, a toll-free number, more advance publicity, and a special emphasis on rural distribution.

Commenting that the program is good for the university and the state, Regent Schilling added that it is aimed at people with resources to save, while the Series E bonds are a better investment for lower income people.

Regent Weinstein asked how much of the issue was sold to big-time investors.

Replying that the portion was small, Regent Schilling observed that the larger purchases should be viewed in light of the likely cost of college in 20 years. According to the Audit Bureau report, there were 21 purchasers who bought amounts of \$50,000 or more; 10 who bought amounts between \$40-49,000; 17 who bought amounts between \$30-39,000; and 41 who bought amounts between \$20-29,000.

Regent Clusen asked if the assumption was that the lower amounts were bought by people who actually intended to use the bonds for college costs.

Replying in the affirmative, Regent Schilling explained that the bonds are double tax-exempt only in the hands of individuals, not corporations. Secondly, they can be cashed prior to maturity only by taking them to a bursar at an educational institution.

Regent Clusen asked if there is any legal way to make them available only to people who intend to use them for an educational purpose.

While that could be attempted, Regent Schilling replied, capital finance experts cautioned that too much paperwork would make it difficult to market the bonds efficiently. The assumption was that the only reason a person would purchase such bonds in small amounts would be to buy them for the intended purpose.

Regent Nicholas asked if there were figures on the cost of distribution. He had the impression that dealers participated in the sale as a favor to promote and extend the program.

Regent Schilling noted the Legislative Audit Bureau comment that there was not enough monetary incentive for underwriters to sell small orders, which was the reason a few of them did not follow the rules in every respect. The Legislative Audit Bureau suggested more compensation for small orders and less for large orders. However, most had followed the rules, and the sale was carried out very efficiently.

In response to a question by Regent Flores, Regent Schilling stated his understanding that there is no established secondary market for bonds in \$1,000 denominations. However, bond owners who do not want to use the bonds themselves are likely to sell them to people who wish to use them for college, since they are most valuable for that purpose.

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#### **REPORT OF THE PRESIDENT OF THE SYSTEM**

##### **Approval of Nonpersonnel Actions/Informational Items**

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

Resolution 5551: That the report of nonpersonnel actions by administrative officers to the Board of Regents and informational items reported for the record (copy on file with the papers of this meeting) be received for the record; and that actions included in the report be approved, ratified and confirmed.

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*Regent - Presentations -*

Presentation on University Goals, UW-Superior, pp 10-13

Introducing Chancellor MacTaggart to speak on UW-Superior goals, President Shaw thanked UW-Superior for the hospitality shown and congratulated them for taking the initiative in development of an academic quality program.

*UW-Superior - Presentation to Board on University Goals, pp 10-13*

Chancellor MacTaggart expressed pleasure for the opportunity to host the Regent meetings and reviewed the past, present and future plans for UW-Superior as being in three parts: (1) the era of decline; (2) the contemporary era; and (3) the era of the future which relates to quality, called the era of the "Superior Plan."

Referring to the era of decline, he said it provides a strong motivation to be continually energetic, creative, and future oriented. Throughout much of the 1970s, due in part to the changes in tuition policy and the winding down of the Vietnam War, UW-Superior experienced a year-by-year shortfall in enrollment. Newly-built dormitories on the south campus became unused in a few short years. There was an air of impending doom on the campus as increasingly the infrastructure was out of balance with the student population. In 1971, Regents declared fiscal emergency and about one-quarter of the faculty and staff departed the institution. No tenured faculty members left, but several were retrained into new disciplines. The budget was cut by approximately \$2 million and several important programs were curtailed or eliminated, along with talk of closing the campus. During that period, Northwest Wisconsin experienced a savage decline as well. One by one, main street businesses closed, employment and population plummeted. Through all of this, the faculty and staff at UW-Superior and their fellow citizens never lost their faith in themselves, or their potential for creative action.

The second, contemporary period dates from about 1985 to the present. For UW-Superior, it has been a period of methodical growth, of rebuilding and of aggressive efforts to work in partnership with the Regents for economic improvement and for social progress. The contemporary period has been characterized by four themes: (1) strengthening academic quality; (2) strengthening and diversifying the enrollment base; (3) strengthening the quality of student life, particularly dormitory life; and (4) providing leadership to the region.

The first goal--to strengthen academic quality--focuses on a two-part effort. One has been attracting better-prepared students; and the other has been strengthening the programs that greet those students when they arrive. Because of the generosity of the UW-Superior Foundation, approximately 50 high school valedictorians or salutatorians from around Northwest Wisconsin have been enrolled. Overall, the ACT scores of UW-Superior freshmen are improving, as is the retention of all of the students, and particularly the talented students. The faculty has initiated a superb assessment program and has instituted an honors' program to challenge the increasing number of better-prepared students. They have initiated a new general education program which pays more attention to international understanding, to multicultural education, and to the basic hallmarks of an educated person: skill in reasoning; skill in communications.

The second goal—to build and diversify the enrollment—is being accomplished by increased numbers of high-quality students. To achieve the enrollment goals, admission standards actually have been increased. Articulation agreements with the chief source of transfer students—the two-year programs throughout the district—have been developed. Public communications programs and special efforts to reach out to the Native Americans in this part of the state have resulted in the highest enrollment in ten years, and agreements with the Lac Courtes Oreilles Community College have helped to result in the highest enrollment of Native Americans ever seen.

Goal three—improving the quality of student life, particularly residence hall life—has been to make the dormitories not only a safe and comfortable place to live, but an effective place to learn as well. Some of the programs include creation of an honors' floor and an international floor, which will allow students from overseas to live in close proximity with students from the United States. There will be a new campus safety program, a leadership program for dormitory residents, and computer labs in the dorms hooked up with the mainframe, for use during the harsh Northern Wisconsin winters. There will be quiet floors, study lounges and the conversion of parts of Ross Hall to small suites for nontraditional students, to improve the quality of their life.

The fourth goal—to assert regional leadership on the problems of this part of the state—is being taken very seriously by the Northern Institute for Economic Development. There is also continued support in that effort by UW-Extension. The American Indian Studies Program will help to address some of the divisions between Indians and non-Indians in the area. The Business Incubator Program will help to create jobs and wealth as ideas move from conceptualization to the market place. Wisconsin Public Radio is giving a voice to Northern Wisconsin that did not exist before, and an electronic telecommunications system will be particularly useful in Northern Wisconsin where the communities, economic opportunities and the schools are spread so far apart.

The Chancellor continued by stating that the economy and life of Northwest Wisconsin have improved mightily since the recession of the 1980s. He believed that UW-Superior has played a role in this revitalization. "We pledge ourselves to continue to be active partners with the political, economic and civic leadership in continuing that effort."

The greatest challenge in 1990 and beyond, he stated, is embodied in a concept called the Superior Plan, which involves the increase of expectations at every undergraduate class on campus and will result in increased performance by every undergraduate student. The plan is consistent with the academic quality program being developed by System Administration and other academic leaders. There are two sources of inspiration for the Superior Plan. "Recently, I asked a Japanese business leader what it would take for the United States to return to a position of economic prominence in the world. 'Well, that's easy,' he replied, 'all you have to do is spend less, save more, work harder and learn more effectively.' At UW-Superior, we are particularly focusing on the 'learn more effectively' part of that recommendation."

The second source of inspiration is knowing that higher expectations will lead to higher achievements. The core of the Superior Plan is that admission standards are not changed, but rather, the ordinary competent,

motivated American student is enabled to do better than they might have otherwise. Examples of this as they might be realized in the classroom include some of the following: a literature professor might require, earlier on, that students come to terms with Melville's dark vision in *Moby Dick*. A mathematics instructor might require that a student solve 85 percent of the problems in order to get a certain grade, as opposed to a possible 80 percent. A more challenging computer science assignment may take the place of a less challenging one. In business, the case study might involve the analysis of detailed financial information, as opposed to just a more qualitative overview. Higher expectations will vary by discipline, the level of the course, with faculty judgments, but in every instance, these higher expectations will be identifiable and they can be examined.

Coupled with efforts to improve student performance is a faculty and staff development program to enable faculty to find new ways to support students in their struggle to achieve more, as well as to alert them to alternative methods of teaching and new learning strategies for students. UW-Superior's well-developed assessment program will be able to determine the results of this project and where there is a need for mid-course corrections. At the very least, the Superior Plan will result in students who are uniformly better-prepared to meet the challenges of a more competitive world. It is believed that, as the regional and perhaps national media give attention to this project, it will become an important theme in the larger educational reform movement in the United States.

Chancellor MacTaggart concluded by stating that the Superior Plan epitomizes the character of UW-Superior and, in some way, the character of the region. He believed that intelligence and creativity, coupled with sustained effort, can yield remarkable results.

Regent Weinstein asked about the current enrollment and what the Chancellor would like it to be.

In response Chancellor MacTaggart said that current enrollment is about 2,500 students, headcount, and under the enrollment management plan, that would be substantially what would be maintained. It does not include the approximate 600 Extended Degree students, primarily from the northern part of the state who cannot commute. A larger enrollment would be contingent on three things: one is the physical capacity of the campus. There is generous space, but over the years, some has been converted from its original intended purposes to other uses. An example is that one of the dormitories is now used to house faculty and, if enrollment were to increase, that would have to be converted back to dormitory use.

A second constraint would be the size of the staff, which was reduced because of the financial emergency status.

The third constraint would be the market itself. Northern Wisconsin is a region in which the rates of decline in high school graduates is higher than in the rest of the state, and with the current standards, stability is a more realistic expectation.

Predicting that enrollment in UW-Superior will be in growing demand in the future, Regent Weinstein asked if there had been anything broader envisioned because of that demand.

Chancellor MacTaggart agreed that the Superior Plan and other efforts will make UW-Superior more attractive in the future and increase enrollment pressure. He suggested that, as enrollment management is being considered over the next four or five years, that might be the time to see if the pressure is deep enough to justify a major change in the target.

President Lyon thanked Chancellor MacTaggart for his interesting presentation on UW-Superior's well-planned program to meet the challenges of the future.

~~Comments by President~~ United Council of UW Student Government - *Comments by new President, Brenda Leahy, p. 13*

President Shaw introduced Brenda Leahy, the new President of the United Council of UW Student Governments. A student at UW-Stevens Point, Ms. Leahy's major is in public administration and political science. She had served as student government president at UW-Stevens Point in 1989-90.

Ms. Leahy stated that she looks forward to working with the Board and representing the UW System students. She invited Regents to attend United Council meetings which are held monthly on campuses around the state.

Regent Dreyfus suggested that Ms. Leahy provide a list of United Council meetings to the Regents.

**REPORT OF THE BUSINESS AND FINANCE COMMITTEE**

Regent Gelatt, Chair, reported for the Committee.

*Issues Papers - Report on*  
Issues Paper: Regulatory Environment and Management Flexibility, p. 13

The Business and Finance Committee, with all Regents invited to participate, discussed the Issue Paper on Regulatory Environment and Management Flexibility. There was a general consensus that the UW System should move forward to request additional flexibilities from the state. Such flexibilities will not jeopardize accountability or quality, but will provide management with the tools necessary for the UW System to function effectively in the 1990s.

*Budget*  
Approval of the 1990-91 Fee Schedule and Operating Budget, R.5552, pp 13-14

Regent Gelatt reported that the Business and Finance Committee, with all Regents invited to participate, considered the 1990-91 fee schedule and operating budget. President Shaw outlined the key points of the 1990-91 budget, which implements 1989 legislative and Regent decision rules. GPR and fees account for 51 percent of the total budget. The remainder comes from self-supporting activities, which provide about 11,160 jobs to the State of Wisconsin.

*(Xref) Fees - (same)*  
*(Xref) Tuition - (same)*



The proposed tuition increase averages 5.9 percent. Room and board rate increases average 4.9 percent. The hospital budget includes a rate increase of 5.8 percent, significantly less than the projected increase of 8-10 percent.

There was considerable Regent discussion on the proposed budget. Regent Weinstein asked System Administration to provide a survey comparing MBA fees to Law School fees at other institutions. Upon conclusion of the Committee debate, Resolution 5552 was approved on a 9-6 vote.

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

Resolution 5552: That, upon the recommendation of the President of the University of Wisconsin System, the 1990-91 operating budget, including auxiliary reserves and rates for academic tuition, segregated fees, room and board, parking, and University Hospital, as reflected in the document 1990-91 Operating Budget and Fee Schedules, July 1990 be approved. The 1990-91 amounts are:

GPR	\$ 748,597,544 (36.1%)
Academic Tuition	306,844,660 (14.8%)
Total GPR/Fees	1,055,442,204 (50.9%)
Other	1,017,002,805 (49.1%)
Total	\$2,072,445,009 (100.0%)

That the President of the University of Wisconsin System is authorized to make final budget and accounting changes to the budget as changing conditions require.

Regent Weinstein requested that the Regents be provided at the September meeting with statistical information and options on tuition policy.

With regard to inflation rates, Regent Vos cited figures supplied by a reputable private firm of 4.7 percent for 1990, and 4.2 percent for 1991. The Department of Labor's national figure is 5.5 percent. Suggesting that a composite be found to guide the Board's decision on spending increases, he urged the Board to heed the wishes of citizens and students to limit spending.

Regent Weinstein commented that he had heard only one student objection to the tuition increase. He did not believe there was substantial opposition to the proposed rate.

Regent Dreyfus suggested using the same inflation figure being utilized by the Department of Administration in developing the executive budget.

Regent Nicholas cautioned against using projected inflation rates. He considered it more prudent to base decisions on current figures.

Resolution 5552 was adopted on a roll call vote, with Regents Clusen, Davis, Dreyfus, Flores, Gelatt, Gundersen, Lyon, Schilling and Weinstein voting "Aye" (9) and Regents DeLong, Doughty Luckhardt, Krutsch, Nicholas, Steil and Vos voting "No" (6).

Consent Agenda Items

Regent Gelatt presented as consent agenda items Resolutions 5553 and 5554, which were unanimously approved by the Business and Finance Committee.

Upon motion by Regent Gelatt, seconded by Regent Weinstein, the consent agenda resolutions were adopted by the Board, with Regent Davis abstaining from the vote on Resolution 5553:

Approval of Gifts, Grants and Contracts

Resolution 5553: That, upon recommendation of the President of the University of Wisconsin System, the gifts, grants and contracts presented at this meeting (copy on file with the papers of this meeting) be accepted, approved, ratified and confirmed; and that, where signature authority has not been previously delegated, appropriate officers be authorized to sign agreements.

*Kirchoffer, W.G. - Acceptance of Memorial, R 5554, p. 15*

W. G. Kirchoffer Memorial

*(Xref) Request - Acceptance of W.G. Kirchoffer Memorial, R 5554, p. 15*

Resolution 5554: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of UW-Madison, the bequest of the late W. G. Kirchoffer of Madison, Wisconsin be accepted by the Board of Regents of the University of Wisconsin in accordance with the terms and conditions of the Will; and that the Trust Officer or Assistant Trust Officers be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of UW-Madison.

(W. G. Kirchoffer's Will included the following:

After the death of my wife and upon the death of Florence Baskerville, I direct my trustee to pay the full remaining balance of such Trust No. 2 including any income that was not distributed during the pendency of such trust, to the Regents of the University of Wisconsin to be used by them in establishing a fund known as the "W. G. Kirchoffer Memorial," such fund and the income thereof to be used to grant scholarships to students and graduate students in the field of engineering, but in the event that the Regents of the University of Wisconsin determine that there are not adequate deserving students to whom to pay funds derived from my estate for scholarship purposes, then and in that event I direct that such fund be used for research work in sanitary and chemical engineering.

W. G. Kirchoffer received a B.S. degree in Chemical Engineering, June, 1897. The value of the Trust is \$303,000.00.)

✓ Endowments

Request for Study on Expenditure of Quasi-Endowments, p.16

Regent Gelatt noted that the Committee directed System Administration to study the possibility of placing further restrictions on expending the principal of quasi-endowments—gifts for which the University is given the right both to spend income and principal. The Business and Finance Committee prefers that in certain circumstances spending be restricted to income only.

✓ Endowments

Adoption of Endowment Spending Plan, R 5555, pp 16-17

The Business and Finance Committee had requested System Administration to prepare alternative endowment reinvestment plans for review. Currently all income earned on the endowment is available to campus departments for expenditure, a practice which limits potential annual growth and future spending of the endowment. By adopting a stabilization reserve, the purchasing power of the endowment will be maintained.

Adoption by the Board of Regents of the following resolution, which was unanimously approved by the Committee, was moved by Regent Gelatt, seconded by Regent Vos and carried unanimously:

Resolution 5555: That, upon the recommendation of the President of the University of Wisconsin System, effective with the 1991-92 fiscal year, a Small Fraction Spending Plan (Endowment Reinvestment) be implemented for Trust Funds. The plan will be phased in over two years; a 5.5% spending fraction the first year; 5.2% the second year and then maintained at 5.0%. The fraction will be applied to a three year moving average of endowment valuations (36 monthly valuations). Income earned in excess of the fraction will be added to endowment principal in a Stabilization Reserve. The formula for determining the annual amount for the stabilization reserve is:

Total Principal Earnings - Consolidated University  
Trust Funds  
Less: Investment Advisory and Administrative Fees on  
Principal Funds  
Less: Small Fraction amount  
Equals Addition to the Stabilization Reserve

Departments, with approval of the chancellor's delegate, may withdraw funds from the Stabilization Reserve for special circumstances upon a minimum 30 days advance notice. In years when income earned is less than the fraction, a portion of the Stabilization Reserve (net remaining balance for each amount) will be used to maintain the spending rate. The spending fraction and asset allocation ratio will be periodically reviewed with any changes to the spending fraction being acted on at the September Regent meeting. Individual accounts which mandate usage of the annual income will be excluded from the plan.

Regent President Lyon and Regent Gelatt extended appreciation to Regent Vice President Nicholas for his leadership in development of the endowment spending plan.

Regent Vice President Nicholas pointed out that if a spending plan had been in effect for the last ten years at a five percent rate, the endowment fund would be \$12-13 million larger. He considered the plan to be a prudent and far-sighted means of enhancing the endowment principal.

✓ Audits -

→ Quarterly Internal Audit Update, p. 17

Regent Gelatt reported the status of audits in process throughout the UW System, which were summarized for the Business and Finance Committee by Internal Audit Director Brunkow. Capital inventory audits had been completed, with final audit reports to be issued after the financial policy paper on equipment inventory has been reviewed and revised. The Legislative Audit Bureau (LAB) had completed and issued final audit reports on federal financial aid for a number of institutions. The LAB had also completed a statewide audit of privatization of services.

✓ Licensing - Discussion of

→ UW-Madison Licensing Program for UW Logos, p. 17

Melany Newby, UW-Madison Vice Chancellor for Legal and Executive Affairs, presented to the Business and Finance Committee an informational report on the campus licensing program for its trademarks, logos and names. The purpose of licensing is both to maintain a positive image and to generate income. Ms. Newby noted that the campus had entered into a licensing agreement in March 1988 with the Collegiate Licensing Company. Royalties were about \$87,000 in 1988, increasing to approximately \$233,000 in 1989. The first \$125,000 of royalty revenue was used by the Athletic Department for student services and scholarships. The remaining revenue was used by the Chancellor for administrative costs of the licensing program and for student scholarships.

new?

✓ ↓

(Xref) Logos - (same)

In discussion at the Board meeting, Regent Weinstein stated his understanding that the small businesses, which had relied on the campus' previous decision that the logo was in the public domain, would be grandfathered into the program.

Regent Gelatt explained that, unlike copyright law, there is no provision in trademark law for putting marks in the public domain. To the extent University marks are being used simply for business identification, he believed the University will grant a license at no cost. To the extent the marks are being used to enhance the merchantability of the product, licensing would be sought.

new? ✓ Faculty -

→ Report on Faculty Sick Leave Usage, pp 17-18

(Xref) Sick Leave - (same)

(Xref) Stack - (same)  
Summarizing this report on institutional sick leave accounting systems, Regent Gelatt noted the potential loss of \$4.5 to \$6 million per year in

benefits for faculty and staff because not all UW System institutions have met the requirements for waiver of the sick leave cap. Now that this report has been submitted to the Board, System Administration can seek removal of the cap for teaching academic staff and faculty. Eight institutions, plus System Administration, have received the waiver for non-teaching academic staff. Associate Vice President Wright indicated that all institutions should meet the conditions within 18 months.

Report of the Vice President

Vice President Poellnitz outlined the tentative 1990-91 agenda for the Business and Finance Committee.

*Trusts -*  
→ Adjustments to Tripp Trust Fund, p. 18

Regent Gelatt reported that in closed session on trust fund matters, the Committee moved the Tripp Trust Fund income balance of \$311,274 from the income fund to the principal fund, in order to enhance the potential earnings of the Trust. One of the features of the endowment trust funds is that, of the approximately \$130 million, about \$30 million is unexpended income. It has been the practice in the past for all unexpended income to be invested in fixed income securities.

Following questions from members of the Business and Finance Committee, it was determined possible for departments to transfer some of those funds at their discretion to a principal account and invest it not only in securities but in equity, which generally produces much higher earnings over time. The Tripp Fund currently has more in unexpended income than in principal, and the Committee decided to transfer the unexpended income into a principal account. The Trust Officers are to notify each department having trust accounts, of the possibility of transferring funds for which they have no immediate need and which they intend to keep for the long term.

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**REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE**

The Committee's report was presented by Regent Gundersen, Chair.

Consent Agenda Items

Having been approved unanimously by the Physical Planning and Development Committee, Resolutions 5556-5560 were presented as consent agenda items for action as a single unit, and upon motion by Regent Gundersen, seconded by Regent Dreyfus, they were adopted unanimously by the Board.

UW-Superior - Bldg & Land -

UW-Superior: Approval of Campus Development Plan, R 5556, p. 19

Resolution 5556: That, upon the recommendation of the UW-Superior Chancellor and the President of the University of Wisconsin System, the 1990 Campus Development Plan, reflecting updates to the 1978 Plan and documenting physical facilities and campus boundaries, be approved.

UWC-Marathon County -

UW Center-Marathon County: Approval to undertake Laboratory Remodeling Project and to purchase Movable Equipment, R 5557, p. 19

Resolution 5557: That, upon the recommendation of the UW Centers Chancellor and the President of the University of Wisconsin System, approval be granted:

- (1) for Marathon County to undertake a laboratory remodeling project at the University of Wisconsin Center-Marathon County at an estimated cost of \$78,300 and
- (2) for the Center to purchase movable equipment for the remodeled space at an estimated cost of \$23,000 of State Building Trust Funds.

UW-Stout - Bldg & Land -

UW-Stout: Authority to Construct Harvey Hall Total Facilities Performance Project, R 5558, p. 19

Resolution 5558: That, upon the recommendation of the UW-Stout Chancellor and the President of the University of Wisconsin System, authority be granted to construct a Harvey Hall Total Facilities Performance project, at a total estimated cost of \$1,742,000 of General Fund Supported Borrowing (\$563,000 Maintenance; \$237,660 Minor Projects; \$476,440 Health, Safety and Environment; and \$464,900 Energy Conservation).

UW System: Authority to Purchase Three Parcels of Land

Resolution 5559: That, upon the recommendation of the UW-Eau Claire, UW-La Crosse and UW-Stout Chancellors and the President of the University of Wisconsin System, authority be granted to purchase three parcels of land, at or below the average of a minimum of two appraisals, at a total estimated cost of \$159,500 of 1989-91 General Fund Supported Borrowing - Advance Land Acquisition Funds, as summarized below:

UW-Eau Claire - Bldg & Land - Authority to purchase

1. ~~UW Eau Claire:~~  
→ 103 Roosevelt Avenue (0.46 acres), R 5559, p. 19, \$69,500

UW-La Crosse - Bldg & Land - Authority to purchase

2. ~~UW LaCrosse:~~  
→ 1603 Farwell Street (0.21 acres), R 5559, p. 19, \$51,800

UW-Stout - Bldg & Land - Authority to purchase

3. ~~UW Stout:~~  
→ 209 2nd Street West (0.20 acres), \$38,200  
R 5559, p. 19, \$159,500

UW System: Authority to Construct Minor Projects

Resolution 5560: That, upon the recommendation of the UW-Stout and UW-Superior Chancellors and the President of the University of Wisconsin System, authority be granted to construct the following minor projects, at the cost and from the funding sources indicated, summarized as follows:

General Fund Supported Borrowing	
--Major Project Funds	\$ 27,000
--Minor Project Funds	44,500
Program Revenue Supported Bonding	<u>147,500</u>
Total	\$219,000

✓ UW-Stout - Budget & Fund - Authority to construct  
~~General Services Storage Facility, \$71,500 (\$27,000~~  
~~General Fund Supported Borrowing - Major Project and~~  
~~\$44,500 Minor Project Funds)~~ → R 5560, p. 20

✓ UW-Superior - Budget & Fund - Authority to construct  
~~Sundquist Hall Parking Lot, \$147,500, Program Revenue~~  
~~Supported Bonding~~ → R 5560, p. 20

✓ Regent - By Laws -

Request for Amendment to Bylaws by Regent Gundersen, p. 20

Regent Gundersen noted absence of reference in the Board Bylaws to responsibility for handicapped accessibility and for safety measures, such as exterior lighting. He also noted that the Physical Planning and Development Committee has specified responsibility for telecommunications, but there is no reference to Education Committee involvement. Staff was asked to research the Bylaws to determine if other omissions exist and present revisions for consideration by the Committee and the Board.

✓ UW-Superior -

→ Appreciation for UW-Superior Campus Tour, p. 20

Regent Gundersen extended appreciation to Chancellor MacTaggart and his staff for arranging the informative campus tour conducted the previous day.

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**REPORT OF THE EDUCATION COMMITTEE**

Regent Davis, Vice Chair, presented the report of the Committee.

✓ Issues Papers - Discussion of paper on  
Issues Paper: UW System Relationships with other Educational Sectors, p. 20

The Education Committee, with all Regents invited to participate, discussed the Issue Paper on UW System Relationships with other Educational Sectors.

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UW-Milwaukee - Staff -

Clifford V. Smith, Jr. as

Designation of Chancellor Emeritus, UW-Milwaukee, R 5561

Chancellors - (same, but add "UW-Milwaukee")

Regent Davis presented as a consent agenda item Resolution 5561, which was unanimously approved by the Committee, and he moved its adoption by the Board of Regents. The motion was seconded by Regent Schilling and carried unanimously.

Resolution 5561: Be it resolved, that the Board of Regents, upon recommendation of the President of the University of Wisconsin System, expresses appreciation to Clifford V. Smith, Jr., for his able leadership as Chancellor of the University of Wisconsin-Milwaukee from September 1986 through May 1990, and that upon his retirement designates him Chancellor Emeritus of the University of Wisconsin-Milwaukee.

(p. 2)

Strategic Planning

Report of the Acting Vice President: Status of Strategic Planning Studies, p. 21

Acting Vice President Beaver reported to the Committee that the President's recommendations on Strategic Planning in Teacher Education would be presented for initial review at the September meeting. He also reported on the status of other strategic planning efforts.

UW-Superior

The Ed. Comm.

UW-Superior Presentation on Economic Development, p. 21

Regent Davis reported that the Committee heard a presentation by UW-Superior on economic development in Northwest Wisconsin.

Courses of Study - Report on

1989-90 Drop Rates, p. 21

The Committee was presented the final report on fall 1989-90 drop rates, which showed course credits dropped by undergraduates decreased this year by one-half of one percent, the credits dropped in the fall 1989-90 term declining to 4.9 percent from 5.4 percent the previous fall. The Committee was assured that Regent policy to reduce drop rates below 5 percent is being implemented satisfactorily.

Equal Opportunity

Equal Opportunity Policy Compliance Review, pp 21-22

Regent Davis reported that the Education Committee heard an informative presentation by Dr. Marian Swoboda on compliance review of equal employment opportunity policies. It was noted that for the past 15 years it had been the policy of the Board of Regents that the ratio of women and minorities in the faculty should begin to approximate the available pool. The report concluded that, if progress in the next 15 years equals that of the last 15 years, it will take 64 years for women to reach the availability rate of 39.4 percent in the population, and it will take minorities an additional 21



years to reach their 11.1 percent availability rate. Dr. Swoboda said issues of retention and campus climate must be given the same attention as issues of hiring. From a cost-effectiveness perspective, the data suggested that more time, effort and resources should be put into retention than recruiting to stem the unacceptably high loss of women and minority faculty. It was noted that it is the responsibility of the managers on site to create a climate conducive to retaining employees.

Regent Weinstein asked Dr. Swoboda to prepare a proposal as to how performance in meeting those goals might be evaluated and incorporated into discussions of compensation for senior administrators. She also was asked to develop suggested questions, the answers to which might determine if Regent policies are, in fact, being implemented. The report showed some disparity between policy compliance and result achievements, raising the question of whether appropriate policies are in place.

The Committee also agreed by consensus that all institutions should conduct exit interviews to provide documentation of the reasons for leaving the UW System.

In discussion at the Board meeting, Regent Krutsch stated her support for open hiring practices, regardless of group membership. However, she disagreed with having target figures for particular groups.

*new card*  
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*BST (Bovine Somatotropin) - Naming of*

*→ BST Research Advisory Panel, R 5562, PP 22-23*

The Education Committee approved Resolution 5562, with Regent Weinstein voting "No."

*(Xref Agriculture - same)*

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

Resolution 5562: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Chancellor be authorized to appoint the following individuals to the University of Wisconsin System Bovine Somatotropin (BST) Research Advisory Panel:

- Gary Anderson (Shawano Co.)
- Marion Barlass (Rock Co.)
- Tim Buttke (Marathon Co.)
- Mike Cannel (Richland Co.)
- Carl Cronquest (Chippewa Co.)
- Ron Hillman (Calumet Co.)
- Lloyd Holterman, Jr. (Jefferson Co.)
- Tyrone Johnson (Monroe Co.)
- Chuck Kruschke (St. Croix Co.)
- Stewart Saager (Columbia Co.)

In response to a question by Regent Flores, Regent President Lyon said the nominations were submitted to the Board of Regents in accordance with a law passed in the last legislative session providing \$230,000 for a special research project on Bovine Somatotropin. The listed names are farm representatives who would be joined by technical advisors.

Regent Flores pointed out that family farms usually are run by both spouses, along with children. This panel, he commented, did not seem representative of women farmers.

Put to the vote, Resolution 5562 was adopted unanimously.

✓ Tuition - Request by Regent Weinstein for

Request for Information and Options on Tuition and Fees in September, p. 23

Regent Weinstein requested for the September meeting policy options concerning tuition and fees. Information to be provided includes: student tuition as an access issue, tuition rate comparisons with other universities of like size and quality; implication of state funding as a share of instructional cost; and student fees in relation to rate of inflation and to the total UW System GPR budget.

✓ (X ref) Fees - (same)

✓ Regent Committee - Personnel Matters Review Committee - Denial of

REPORT OF THE PERSONNEL MATTERS REVIEW COMMITTEE

→ Petition of David Iaquina, R 5563, pp 23-24

Regent Davis reported that the Personnel Matters Review Committee had reviewed briefs and heard oral arguments as to whether the record in this matter should be reviewed.

✓ UW - Oshesh - Denial of renewal petition by Personnel Matters Review Committee for David Iaquina, R 5563, pp 23-24

After the hearing, Regents Dreyfus and Steil had voted to recommend to the Board that the petition by Dr. Iaquina for Regent review of the decision not to renew his faculty appointment be denied. Regent Davis voted to hear the appeal.

✓ Iaquina, David - Denial by Personnel Matters Review Committee on petition for review of faculty appointment, R 5563, pp 23-24

On behalf of the Personnel Matters Review Committee, Regent Davis moved adoption by the Board of Regents of the following resolution, and the motion was seconded by Regent Clusen:

Resolution 5563: That the Board of Regents adopts the majority recommendation of the Personnel Matters Review Committee that the petition by David Iaquina for Regent review of the decision not to renew his faculty appointment be denied.

Regent Davis emphasized that his vote to hear the appeal carried no implication that he had made any judgments as to the merits of the case. From the briefings and oral argument on whether to grant a review, he had only concluded that there were certain points of concern on which he felt a review of the record was warranted.

Stating discomfort with the process, Regent Weinstein noted that, while the Regents had established teaching, research and public service as the substantive bases for tenure, application of those factors to faculty tenure decisions is determined within the individual institutions. What remained for the Regents to consider in this type of appeal was the question as to whether the process was fair and the decision was made without prejudice.

From reading the Committee report, he was persuaded that if the process was flawed, it had been corrected in a timely manner. He asked if Regent Davis suspected there may have been prejudice in the decision.

Regent Davis felt enough questions had been raised to merit a review of the record, which would permit a conclusion to be reached as to whether or not there was material prejudice.

Stating agreement with Regent Weinstein's concern about the process for handling appeals, Regent Davis noted that there is only one remedy if the Board found a decision to be arbitrary or inconsistent with policy. Since authority for the granting of tenure rests with the department and chancellor, the Board can do no more than return the matter to the campus for reconsideration by the same officials who already have made judgments. Regent Davis emphasized that he is not comfortable with this situation.

In Regent Steil's judgment, the campus had gone to great lengths to give Dr. Iaquina a fair hearing, as well as fair warning regarding his work. He thought the Acting Chancellor had used his authority judiciously and should not be second guessed.

While he did not disagree with the interpretations of the information before the Committee made by Regents Dreyfus and Steil, Regent Davis had reached a different conclusion on the sufficiency of this information to make a judgment. He felt certain statements and allegations warranted review of the record.

Regent Dreyfus referred to his eleven years of experience as a chancellor, during which time he had made hundreds of tenure decisions in a period of both high growth and high turnover. When a chancellor's decision differs from the faculty decision, there is a natural tendency, he observed, to suspect personal prejudice within the mind of the chancellor. Stating that a chancellor weighs very carefully a decision not to accept a majority recommendation of the faculty who are closest to the person requesting tenure, he emphasized that there is no single responsibility for any chancellor more important than being certain of the quality of the faculty. If there is any question as to the fairness of the process, the tendency is to redo it. In this case, he concluded that the Acting Chancellor went to great lengths to ensure fair treatment of Dr. Iaquina. While the original process may have been flawed, he believed any defect was corrected when the process was redone. He saw no evidence of prejudice against Dr. Iaquina.

Put to the vote, Resolution 5563 was adopted, with Regents Davis and Flores voting in opposition.

*Regent - Meetings -*

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**ADDITIONAL RESOLUTIONS**

*Cancellation of August 1990 Meetings, R 5564, pp 24-25*

It was moved by Regent Schilling, seconded and voted unanimously that the following resolution be adopted by the Board of Regents:

Resolution 5564: That the Regent meetings scheduled for August 9 and 10, 1990, be cancelled.

*Regent - Meetings - Change for April 1991 meetings from UW-Oshkosh to UW-Stevens Point, R 5565, p. 25*

Location for April 1991 Meetings

Upon motion by Regent Weinstein, seconded by Regent Vos, Resolution 5565 was adopted unanimously by the Board of Regents.

Resolution 5565: That the location of the April 4 and 5, 1991, Regent meetings be changed from UW-Oshkosh to UW-Stevens Point.

*Regent - Meetings - July 1991 meetings set for Waupaca County Courthouse, R 5566, p. 25*

Location for July 1991 Meetings

Adoption of the following resolution was moved by Regent Weinstein, seconded by Regent Nicholas and carried unanimously:

Resolution 5566: That the Board of Regents accepts the invitation by Chancellor Boyle to hold the July 1991 meetings at the Waupaca County Courthouse, and that the meetings be scheduled for July 11 and 12, 1991.

*ROTC -*  
*By federal government*  
→ Closing of ROTC Programs at UW-Milwaukee and UW-Platteville, p. 25

COMMUNICATIONS, PETITIONS AND MEMORIALS

President Shaw reported an announcement just made by the Department of Defense on termination of more than 50 ROTC programs throughout the country, effective May 1991, including those at UW-Milwaukee, UW-Platteville, Ripon College and St. Norbert's College. The UW-Milwaukee and UW-Platteville programs represent about ten percent of the total UW System ROTC enrollment.

Concerns to be addressed were the effect on students currently in the program and the extent to which this state was treated fairly in the cut-backs.

*(Xref) UW-Milwaukee - (same)*

Regent Dreyfus suggested that the UW-Milwaukee ROTC students might be able to move to the Marquette University program. He surmised that the decisions on which programs to close were made on a numerical basis as to the viability of the programs.

*(Xref) UW-Platteville - (same) --*

**ADDITIONAL BUSINESS**

UW-Superior - ~~Appreciation to UW-Superior~~ for hosting meetings, R5567, p. 26

Regent Krutsch presented the following resolution, which was adopted by acclamation:

Resolution 5567: Whereas, the Board of Regents is very pleased to have been invited to hold our July 1990 meetings at UW-Superior; and

Whereas, our visit has been enriched by interesting and informative presentations and tours highlighting the unique and special role of UW-Superior within the UW System; and

Whereas, we greatly appreciate the warm welcome and gracious hospitality extended to us by the entire UW-Superior community;

Therefore, be it resolved that the Board of Regents hereby expresses our heartfelt gratitude to Chancellor MacTaggart and Janet Warnert and to all those involved in making this visit an especially enjoyable and memorable occasion.

Appreciation also was extended to the Superior Chamber of Commerce and the community for the warm welcome they had provided.

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At 11:20 a.m., the following resolution, moved by Regent Nicholas, was unanimously adopted on a roll call vote, with Regents Clusen, Davis, DeLong, Doughty Luckhardt, Dreyfus, Flores, Gelatt, Gundersen, Krutsch, Lyon, Nicholas, Schilling, Steil, Vos and Weinstein voting "Aye" (15), and no regents voting "No."

Resolution 5568: That the Board of Regents recess into closed session to consider personnel matters, including compensation matters related to specific persons, as permitted by s. 19.85(1)(c), *Wis. Stats.*; to consider naming of UW-Green Bay, UW-Madison and UW-River Falls facilities after individuals, as permitted by s. 19.85(1)(f), *Wis. Stats.*; for possible action on appointments to Boards of Visitors at the UW Centers, UW-Green Bay, UW-Stevens Point, UW-Superior and UW-Whitewater, as permitted by s. 19.85(1)(f), *Wis. Stats.*; for preliminary review on honorary degrees at UW-Madison, as permitted by s. 19.85(1)(f), *Wis. Stats.*; and to confer with legal counsel, as permitted by s. 19.85(1)(g), *Wis. Stats.*

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

**CLOSED SESSION ACTIONS**

UW-Stevens Point - Visitors  
~~Appointments to UW Stevens Point Board of Visitors~~ R 5569, p. 27

Resolution 5569: That, upon the recommendation of the UW-Stevens Point Chancellor and the President of the University of Wisconsin System, the following appointments to the UW-Stevens Point Board of Visitors be approved:

→ Lorraine Avery-Blair, ~~for a term~~ ending in 1991;

→ Dorothy W. Davids, ~~for a term~~ ending in 1992; and

→ Jertha C. Ramos, ~~for a term~~ ending in 1993;

~~Appointments to UW Superior Board of Visitors~~

UW-Superior - Visitors - Reappointments;  
Resolution 5570: That, upon the recommendation of the UW-Superior Chancellor and the President of the University of Wisconsin System, the following members be reappointed to the UW-Superior Board of Visitors for terms ending in 1993:

→ Janet H. Murphy &  
David F. Oviatt, ending 1993; and new appointments;

and that the following new members be appointed for terms ending in 1993:

→ William Downs, Jr.,  
Thomas J. Gordon,  
Cecelia M. Jauch &  
L. Donald Tenerelli, ending in 1993, R 5570, p. 27

UW Centers - Visitors - Reappointments of  
~~Appointments to UW Centers Board of Visitors~~

Resolution 5571: That, upon the recommendation of the UW Centers Chancellor and the President of the University of Wisconsin System, the following new member be appointed to the UW Centers Board of Visitors for a term ending in 1992:

→ James A. R. Stauff, ending in 1992; and

and that the following members be reappointed for terms ending in 1992:

→ reappointments of → Thomas Alby,  
Janet L. Hubbell, &  
Terrence O. Leigh, ending in 1992, R 5571, p. 27

UW-Whitewater - Visitors - Appointments ending in 1993 of

Appointments to UW-Whitewater Board of Visitors

Resolution 5572: That, upon the recommendation of the UW-Whitewater Chancellor and the President of the University of Wisconsin System, the following new members be appointed to the UW-Whitewater Board of Visitors for a term ending in 1993:

- John Gelshenen,
- Richard L. Groesbeck, †
- Brian A. Schimming;

Reappointments ending in 1993 of

and that the following members be reappointed for terms ending in 1993:

- Mark Cullen,
- Patricia Jones, †
- Joe Schopen, R 5572, p. 28

UW-Green Bay - Visitors - Appointments ending in 1993 of

Appointments to UW-Green Bay Board of Visitors

Resolution 5573: That, upon the recommendation of the UW-Green Bay Chancellor and the President of the University of Wisconsin System, the following new members be appointed to the UW-Green Bay Board of Visitors for terms ending in 1993:

- Terry R. Bush †
- Audrey Waldo; and reappointments ending

in 1993 of

and that the following members be reappointed for terms ending in 1993:

- Dorothy Galiger,
- Ronald Pascale,
- John Ruppel, †
- Wayne Destree, R 5573, p. 28

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

*Judith A. Temby*  
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 Judith A. Temby  
 Secretary

August 22, 1990

0178X

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

1. MUTUAL SERVICE INSURANCE FOUNDATION  
ARDEN HILLS, MN  
PARTICIPATIVE MANAGEMENT FOR COOPERATIVES VIDEO  
FOR THE PERIOD 10-31-89 THRU 09-30-91  
MSN AG&LSC COOPTVS, U CTR (133-Q823) 5,000.00
2. DANE COUNTY CULTURAL AFFAIRS COMMISSION  
MADISON, WI  
THE COURAGE TO WRITE: WOMEN NOVELISTS OF THE 19TH  
CENTURY AMERICA  
MSN OUTRCH LIBERAL STUDIES (133-Q831) 2,000.00
3. MIDWEST UNIVERSITIES CONSORTIUM  
FOR INTERNATIONAL ACTIVITIES  
CHAMPAIGN, IL  
FEASIBILITY STUDY OF THE UNIVERSITY OF MALI  
FOR THE PERIOD 06-04-90 THRU 04-06-91  
MSN G E A INTL STU & PROGS (133-Q880) 553,277.00
4. SUPPORT WEED CONTROL PROGRAM  
MSN AG&LSC AGRONOMY (133-7714)
 

500.00	RHONE-POULENC AG COMPANY KALAMAZOO, MI	
750.00	MOBAY CORPORATION INDIANAPOLIS, IN	
1,500.00	CIBA-GEIGY CORPORATION GREENSBORO, NC	
1,000.00	ICI AMERICAS INC. WILMINGTON, DE	
		3,750.00
5. WISCONSIN ASSOCIATION OF FAIRS  
GRAND MARSH, WI  
SUPPORT THE PRODUCTION OF EXHIBITS  
MSN AG&LSC AG JOURNALISM (133-9017) 1,400.00

GIFT-IN-KIND

1. MR. MICHAEL CLARK  
MADISON, WI  
24 GENERAL LITERATURE PAPERBACKS  
27 PSYCHOLOGY JOURNALS  
60 PSYCHOLOGY MONOGRAPHS  
MSN LIBR GEN OPERATIONS LIB ACQSTN
2. MR. JOHN B. RAMSAY  
LOS ALAMOS, NM  
4 MAPS AND 14 BOOKS ON THE ARABIAN PENINSULA  
MSN LIBR GEN OPERATIONS LIB ACQSTN
3. MKS INSTRUMENTS, INC.  
ORLAND PARK, IL  
TYPE 1150B VAPOR SOURCE MASS FLOW CONTROLLER  
MSN ENGR ELEC & COM ENGR ELEC&COMP



GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

## UNIVERSITY OF WISCONSIN - MADISON

## GIFT-IN-KIND

4. CRAY RESEARCH, INC./ RIVERSIDE PROJECT  
CHIPPEWA FALLS, WI  
POLYIMIDE EQUIPMENT  
MSN ENGR ENGR EXPER STA PLASMA ERC
5. CRAY RESEARCH, INC.  
CHIPPEWA FALLS, WI  
SILICON WAFERS  
MSN ENGR ENGR EXPER STA PLASMA ERC
6. ERNST & YOUNG  
MILWAUKEE, WI  
HEWLETT PACKARD LASERJET III  
MSN BUS SCH OF BUSINESS
7. INTEL CORPORATION  
HILLSBORD, OR  
COMPUTER EQUIPMENT; PCIB1200 AND 302 SYSTEM  
CANCEL - EQUIPMENT NOT RECEIVED  
MSN ENGR CMPTR-AIDED ENGR
8. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
3 ELECTRIC SABRE MASKS  
MSN ATH GENERAL OPERATNS ADMIN
9. FAMILY PRACTICE PROFESSIONAL ASSOCIATES  
MADISON, WI  
VARIOUS FURNITURE ITEMS IN SUPPORT OF THE FAMILY  
MEDICINE PROGRAM  
MSN HS-MED FAM MED & PRACT
10. THOMAS J. WATSON RESEARCH CENTER  
YORKTOWN HEIGHTS, NY  
INSTRUMENTATION  
MSN ENGR CHEMICAL ENGR
11. CUMMINS ENGINE CO., INC.  
LAKEWOOD, NY 14750  
SINGLE CYLINDER ENGINE  
MSN ENGR ENGR EXPER STA I COMBUSTN

## INSTRUCTION

1. VETERANS ADMINISTRATION MEDICAL CENTER  
SAN FRANCISCO, CA  
CONTRACT AFFILIATION AGREEMENT FOR  
STUDENT INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
2. EVANSTON HOSPITAL CORPORATION  
EVANSTON, IL  
CONTRACT AFFILIATION AGREEMENT  
FOR STUDENT INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

3. ST. JOSEPH'S HOSPITAL  
MARSHFIELD, WI  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
4. HARTFORD MEMORIAL HOSPITAL, INC.  
HARTFORD, WI  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
5. ST. MARY'S HOSPITAL  
DULUTH, MN  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
6. ABBOTT NORTHWESTERN  
MINNEAPOLIS, MN  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
7. ST. FRANCIS HOSPITAL  
POUGHKEEPSIE, NY  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
8. OCCUPATIONAL THERAPY ASSOCIATES, P.C.  
WATERTOWN, MA  
CONTRACT AFFILIATION AGREEMENT FOR STUDENT  
INTERNSHIPS  
MSN EDUC THERAPEUTIC SCI THERAP SCI
9. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
HOUGEN, OLAF A.--PROFESSORSHIP  
MSN ENGR CHEMICAL ENGR ( TRUST ) 5,000.00
10. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
SOUTHEAST ASIAN STUDIES-ANDREW W. MELLON FDN.--  
ACADEMIC & SCHOLARLY ACTIV.  
MSN L&S SPECIAL PROJECTS SE ASIA ST ( TRUST ) 1,025.00-
11. EDUCATION, DEPT OF  
WASHINGTON, DC  
PREPARATION OF RELATED SERVICES PERSONNEL:  
PREPARATION OF SCHOOL PSYCHOLOGISTS TO SERVE AS  
CONSULTANTS TO TEACHERS IN CONSULTATION AND  
CLASSROOM INTERVENTION STRATEGIES  
FOR THE PERIOD 06-01-90 THROUGH 05-31-91  
AWARD # H029F80013-90  
MSN EDUC WIS CTR EDUC RES (144-BP94) 73,961.00

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

12. UNIVERSITY AFFILIATED CINCINNATI CENTER  
FOR DEVELOPMENTAL DISORDERS  
CINCINNATI, OH  
PRIME CONTRACTOR WITH DED  
REHABILITATION RESEARCH AND TRAINING CENTER ON  
IMPROVING THE COMMUNITY INTEGRATION OF OLDER  
PERSONS WITH MENTAL RETARDATION AND OTHER  
DEVELOPMENTAL DISABILITIES  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # AGR DTD 06/18/90  
MSN GRAD WAISMAN CENTER (144-BQ60) 74,434.00
13. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
WISCONSIN PERSONNEL DEVELOPMENT PROJECT  
FOR THE PERIOD 06-01-89 THROUGH 05-31-91  
AT A TOTAL COST OF \$399,813.00  
AWARD # P.O. FDIE 4635, MOD. 1  
MSN GRAD WAISMAN CENTER (144-AZ42) 161,839.00
14. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
ABE SUMMER INSTITUTE SUPPLEMENT  
FOR THE PERIOD 04-01-90 THROUGH 06-30-90  
AWARD # 20-930-146-130  
MSN EDUC CONTIN & VOC ED (144-BR25) 3,861.00
15. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN  
ROCKVILLE, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) ADVANCED EDUCATION IN COMMUNITY HEALTH NURSING  
FOR THE PERIOD 06-01-90 THROUGH 05-31-91  
AWARD # 5 D23 NU00822-02  
MSN HS-NUR ACAD AFF'S (144-BN75) 181,804.00
- 2) GENERAL INTERNAL MEDICINE AND/OR GENERAL  
PEDIATRICS TRAINING GRANT  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # 2 D28 PE15218-12  
MSN HS-MED MEDICINE GEN INT MD (144-BP38) 188,834.00
- 3) RESIDENCY TRAINING IN GENERAL INTERNAL MEDICINE  
AND/OR GENERAL PEDIATRICS  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # 1 D28 PE15324-01  
MSN HS-MED PEDIATRICS (144-BP75) 168,480.00
- 4) PREDOCTORAL TRAINING IN FAMILY MEDICINE  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # 5 D15 PE85035-08  
MSN HS-MED FAM MED & PRACT (144-BP84) 123,822.00



GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

8)	NEUROSCIENCES TRAINING PROGRAM FOR THE PERIOD 07-01-90 THROUGH 06-30-91 AWARD # 5 T32 GM07507-13 MSN HS-MED NEUROSCIENCE	(144-BQ53)	150,397.00
9)	PREDOCTORAL TRAINING IN MOLECULAR BIOPHYSICS FOR THE PERIOD 07-01-90 THROUGH 06-30-91 AWARD # 5 T32 GM08293-02 MSN GRAD INST MOL VIR INST MOL V	(144-BQ65)	134,328.00
10)	DEMOGRAPHY AND ECOLOGY FOR THE PERIOD 07-01-90 THROUGH 06-30-91 AWARD # 2 T32 HD07014-16 MSN L&S SOCIOLOGY	(144-BR14)	183,545.00
11)	PULMONARY PHYSIOLOGY AND PATHOPHYSIOLOGY FOR THE PERIOD 07-01-90 THROUGH 06-30-91 AWARD # 5 T32 HLO7654-04 MSN HS-MED PREVENTIVE MED	(144-BR20)	135,655.00
18.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC HANDS-ON CHEMISTRY: ENHANCING THE PRE-COLLEGE SCIENCE EDUCATION FOR THE PERIOD 06-01-90 THROUGH 05-31-91 AWARD # TPE-8955204 MSN L&S CHEMISTRY	(144-BQ79)	942,487.00
19.	WI DEPT OF NATURAL RESOURCES MADISON, WI PRIME CONTRACTOR WITH VAR COOPERATIVE INTERNSHIP AGREEMENT: DATA MANAGEMENT SURVEY ENGINEERING ANALYSIS RELATED TO HYDROLOGY AND HYDRAULICS FOR THE PERIOD 05-21-90 THROUGH 09-30-90 AWARD # COOP AGREEMENT #90-11 MSN ENGR CIVIL & ENV ENGR	(144-BP90)	4,620.00
20.	WI DEPT OF NATURAL RESOURCES MADISON, WI PRIME CONTRACTOR WITH VAR COOPERATIVE INTERNSHIP AGREEMENT: DATA MANAGEMENT SURVEY ENGINEERING ANALYSIS FOR THE PERIOD 05-07-90 THROUGH 09-30-90 AWARD # COOP AGREEMENT #90-11 MSN ENGR CIVIL & ENV ENGR	(144-BP91)	2,730.00
21.	WI DEPT OF NATURAL RESOURCES MADISON, WI PRIME CONTRACTOR WITH VAR COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-21-90 THROUGH 09-30-90 AWARD # AGR DTD 05-29-90 MSN ENGR CIVIL & ENV ENGR	(144-BQ40)	4,500.00

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

## UNIVERSITY OF WISCONSIN - MADISON

## INSTRUCTION

22.	WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI ASSIST AND TRAIN TEACHERS OF MINORITY STUDENTS TO DEVELOP SKILLS RELATED TO HIGH TECHNOLOGY AWARD # PAIO377, PAJO2953 MSN ENGR PRE-ENGINEERING	(133-J707)	5,000.00
23.	HOSPITAL RESEARCH AND EDUCATIONAL TRUST CHICAGO, IL COMMUNITY-ORIENTED PRIMARY CARE: A NATIONAL RURAL HEALTH DEMONSTRATION MSN HS-MED FAM MED & PRACT OUTREACH	(133-P225)	22,331.00
24.	WISCONSIN FOR RESEARCH, INCORPORATED MADISON, WI YEAR 2000 STUDY MSN BUS SCH OF BUSINESS	(133-Q580)	26,245.30
25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ROTC ARMY UNIT EXCELLENCE AWARD MSN OFCR E GENERAL	(133-Q906)	50.00
26.	NATIONAL GEOGRAPHIC SOCIETY WASHINGTON, DC ZOOLOGICAL MUSEUM RESEARCH AND OPERATIONS MSN L&S ZOOLOGY	(133-Q917)	6,013.00
27.	MASTER BREWERS ASSOCIATION MADISON, WI SHORT COURSE IN BREWING AND MALTING SCIENCE MSN AG&LSC FOOD SCIENCE	(133-8831)	6,625.00

## LIBRARIES

1.	MCKENNA, MURIEL R. ESTATE ARLINGTON, VA MIDDLETON, WILLIAM S. MEDICAL LIBRARY MSN HS-ADM LIBRARY	( TRUST )	1,000.00
2.	FRIENDS OF THE COOPERATIVE CHILDREN'S BOOK CENTER MADISON, WI SPECIAL SUPPORT FOR COOPERATIVE CHILDREN'S BOOK CENTER MSN L&S LIB&INF ST	(133-D098)	2,338.00
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT FOR ENGINEERING PUBLICATIONS MSN ENGR PUBLICATIONS OFF	(133-H271)	2,720.00
4.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LIBRARY SUPPORT MSN LIBR ADMINISTRATION	(133-Q156)	150.00

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

1.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOR GENERAL OPERATIONS-ATHLETICS (193-K302) MSN ATH      GENERAL OPERATNS ADMIN		11,975.00
2.	SCHULTE, HELEN DENNE--LOAN FUND MSN HS-NUR	( TRUST )	
	11,289.51      CONTINENTAL BANK HELEN D. SCHULTE TRUST CHICAGO, IL		
	9,214.65      CONTINENTAL BANK SCHULTE, HELEN D. TRUST CHICAGO, IL		
			20,504.16
3.	COMPUTER SCIENCES DEPARTMENT FELLOWSHIP #2 MSN L&S      COMPUTER SCI	( TRUST )	
	9,000.00      SEQUENT COMPUTER SYSTEMS, INC BEAVERTON, OR		
	49,255.00      PROCEEDS SALE OF SURPLUS COMPUTERS		
			58,255.00
4.	MULTIPLE DONORS HART, VIRGINIA--VIRGINIA PUBLIC SERVICE RECOGNITION AWARD MSN L&S      PUBL POL&ADM RES	( TRUST )	60.00
5.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GOLDBERG CENTER TRUST FUND MSN L&S      HISTORY	( TRUST )	2,224.62
6.	CONSOLIDATED PAPERS, INC WISCONSIN RAPIDS, WI FORESTRY DEPARTMENT FUND MSN AG&LSC N RSRCS-FORESTRY	( TRUST )	4,720.00
7.	BAIRD & CO, PROC. SALE/SECURITIES ANONYMOUS DONOR ARCHIVES-STUDY OF WOMEN IN HOME ECONOMICS MSN G SERV ARCHIVES	( TRUST )	24,884.03
8.	CHRISTIE'S NEW YORK, NY ELVEHJEM MUSEUM--ART ACQUISITIONS MSN L&S      ELVJM MUSEUM ART	( TRUST )	114,774.00
9.	LEAKE, CHAUNCEY D. NEW YORK, NY LEAKE, CHAUNCEY D. AND ELIZABETH W.--LECTURE AND AWARD MSN HS-MED HIST OF MEDICINE HIST OF MD	( TRUST )	200.00

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

10.	CITIBANK, N.A. WEEKS, LEWIS G. NEW YORK, NY WEEKS, LEWIS G. #2--GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSCS ( TRUST )	60,000.00
11.	DAVIS, JAY C. UNIVERSITY OF WISCONSIN FOUNDATION LIVERMORE, CA BARSCHALL, H. H.--LECTURE FUND IN THE DEPARTMENT OF PHYSICS MSN L&S PHYSICS ( TRUST )	250.00
12.	DAVIS, CHARLES A. RICHARDS, H. T.--LECTURE FUND IN THE DEPARTMENT OF PHYSICS MSN L&S PHYSICS ( TRUST )	4.40-
13.	AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC PHILADELPHIA, PA PRIME CONTRACTOR WITH DHHS PHS NIH AACR TRAVEL AWARD FOR THE PERIOD 05-01-90 THROUGH 05-01-99 AT A TOTAL COST OF \$538.10 AWARD # CK#5058, MOD. 1 MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-BP10)	188.10
14.	DOD, ARMY FORT LEVENWORTH, KS INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT FOR THE PERIOD 07-01-90 THROUGH 06-30-91 AWARD # AGR DTD 06-15-90 MSN L&S HISTORY (144-BR12)	110,723.00
15.	NATL HISTORICAL PUBL & RECORDS COMMISSION WASHINGTON, DC INSTITUTE FOR EDITING HISTORICAL DOCUMENTS FOR THE PERIOD 05-01-90 THROUGH 08-31-90 AWARD # 90-087 MSN L&S HISTORY (144-BQ41)	6,613.00
16.	UNIVERSITY PHYSICIANS IN PATHOLOGY MADISON, WI SUPPORT OPERATION OF THE DEPARTMENT OF PATHOLOGY MSN HS-MED PATHOL & LAB MED ANAT PATH (133-A524)	23,655.00
17.	UNIVERSITY PEDIATRIC ASSOCIATES MADISON, WI DEPARTMENT OF PEDIATRICS CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS (133-A528)	84,421.81
18.	ELSEVIER NORTH-HOLLAND INC. NEW YORK, NY DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS (133-A751)	946.66



GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

19.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HERBARIUM EXPENSES MSN L&S BOTANY	(133-B291)	2,000.00
20.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MECHANICAL ENGINEERING DISCRETIONARY ACCOUNT MSN ENGR MECHANICAL ENGR	(133-B430)	2,000.00
21.	UNIVERSITY ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP	(133-C796)	35,000.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL ENGINEERING PROGRAM MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-C932)	8,000.00
23.	UNIVERSITY CLUB MADISON, WI DEFRAY PORTION OF SALARY OF UNIVERSITY CLUB FACILITIES COORDINATOR MSN G E A SECY OF THE FAC	(133-D503)	2,407.54
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CAD/CAM PROGRAM MSN ENGR MECHANICAL ENGR	(133-D807)	35,000.00
25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT MSN L&S COMPUTER SCI	(133-D865)	5,000.00
26.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI CLERICAL SUPPORT IN THE DEPARTMENT OF PSYCHIATRY MSN HS-MED PSYCHIATRY	(133-D957)	7,200.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S OFFICE ADMINISTRATIVE ACCOUNT MSN ENGR OPERATIONS	(133-E099)	2,000.00
28.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E647)	7,234.82
29.	UNIVERSITY ONCOLOGY ASSOCIATES MADISON, WI SUPPORT ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-E649)	10,000.00

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

30.	AFFILIATED ORGANIZATION SUPPORT MSN AG&LSC AGRONOMY	(133-E980)	
	2,000.00 WISCONSIN SOYBEAN ASSOCIATION MADISON, WI		
	500.00 WISCONSIN CORN GROWERS ASSOCIATION MADISON, WI		
			2,500.00
31.	MULTIPLE DONORS DEPARTMENT OF CURRICULUM AND INSTRUCTION DISCRETIONARY ACCOUNT MSN EDUC CURRIC & INSTR	(133-F147)	390.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN HERBARIUM FUND MSN L&S BOTANY	(133-F151)	2,000.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CAE DIRECTOR'S DISCRETIONARY ACCOUNT MSN ENGR CMPTR-AIDED ENGR	(133-G096)	13,000.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY FUND MSN L&S ELVJM MUSEUM ART	(133-G348)	4,800.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLITICAL SCIENCE DISCRETIONARY FUND MSN L&S POLITICAL SCI	(133-G572)	3,010.28
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S METEOROLOGY	(133-G869)	2,000.00
37.	UNION CARBIDE CORPORATION DANBURY, CT DISCRETIONARY GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY	(133-G952)	5,000.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CONSERVATION OF VAN VLECK PRINTS MSN L&S ELVJM MUSEUM ART	(133-G989)	7,500.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - MARKETING MSN BUS SCH OF BUSINESS	(133-J188)	200.00

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## MISCELLANEOUS

40.	CHEVRON U.S.A., INC. NEW ORLEANS, LA GRADUATE FIELD PROGRAMS, THESIS AND THESIS SUPERVISION SUPPORT MSN L&S GEOL & GEOPHYSCS	(133-J392)	4,000.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR ENGINEERING PLACEMENT OFFICE MSN ENGR CAREER P&P	(133-J393)	5,000.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR CIVIL AND ENVIRONMENTAL ENGINEERING MSN ENGR CIVIL & ENV ENGR	(133-J718)	5,000.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT MSN ENGR OPERATIONS	(133-J771)	5,000.00
44.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU	(133-J775)	3,000.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KICKHAEFER MEMORIAL FUND MSN L&S SCHOOL OF MUSIC	(133-J819)	480.00
46.	AMERICAN ASSOCIATION OF PHYSICISTS IN MEDICINE NEW YORK, NY MEDICAL PHYSICS DISCRETIONARY FUND MSN HS-MED MEDICAL PHYSICS	(133-J847)	1,000.00
47.	CONTINUING MEDICAL EDUCATION MSN HS-MED PEDIATRICS	(133-J859)	
	500.00 LEWIS A. BARNES MADISON, WI		
	3,000.00 LEWIS A. BARNES MD MADISON, WI		
			3,500.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF COMMUNICATIVE DISORDERS DISCRETIONARY FUND MSN L&S COMMUN DISORDERS	(133-K004)	400.00
49.	MULTIPLE DONORS DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE	(133-K551)	2,335.00

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50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN OF STUDENTS EMERGENCY FUND MSN G E A DEAN OF STUDENTS ADMIN	(133-L007)	5,000.00
51.	POULTY SCIENCE ASSOCIATION 89 HOST COMMITTEE MADISON, WI DEPARTMENTAL DISCRETIONARY FUND MSN AG&LSC POULTRY SCIENCE	(133-L097)	1,866.00
52.	MULTIPLE DONORS DISCRETIONARY FUND FOR RHEUMATOLOGY RESEARCH MSN HS-MED MEDICINE RHEUMATOL	(133-L429)	400.00
53.	PIONEER HI-BRED INTERNATIONAL, INC. JOHNSTON, IA PIONEER PLANT BREEDING SPEAKERS FUND MSN AG&LSC AGRONOMY	(133-L544)	2,000.00
54.	MERCK & COMPANY RAHWAY, NJ UROLOGY CONFERENCE FUND MSN HS-MED SURGERY UROLOGY	(133-L616)	3,000.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY DEVELOPMENT FUND MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-M193)	19,579.20
56.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC JOURNAL OF MEDICINAL CHEMISTRY EDITORIAL EXPENSES MSN HS-PHR PHARMACY	(133-M375)	1,355.77
57.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI PARTNERSHIP BUSINESS EXPENSES FOR OPERATION OF RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MSN HS-MED RADIOLOGY	(133-M530)	7,300.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL SUPPLIES AND EXPENSE MSN HS-MED	(133-M561)	1,000.00
59.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-M651)	6,900.00
60.	MULTIPLE DONORS DEPARTMENT OF RURAL SOCIOLOGY DISCRETIONARY FUND MSN AG&LSC RURAL SOCIOLOGY	(133-M652)	216.93

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61.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI MOVEMENT DISORDERS CLINIC OPERATING ACCOUNT MSN HS-MED NEUROLOGY (133-M860)	7,065.30
62.	DOWNTOWN KIWANIS CLUB OF MADISON MADISON, WI CHAIRMAN'S DISCRETIONARY ACCOUNT MSN AG&LSC MEAT& ANIMAL SCI (133-N191)	600.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT FOR BIOMATERIALS RESEARCH MSN ENGR CHEMICAL ENGR (133-N415)	12,000.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL SUPPLIES AND EXPENSE MSN HS-MED (133-N665)	270,000.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT SALARIES MSN HS-MED (133-N666)	850,000.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL TEACHING SUPPLIES MSN HS-MED (133-N667)	20,000.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED (133-N668)	16,000.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SURGICAL RESEARCH MODULE MSN HS-MED (133-N672)	200,000.00
69.	COMMONS, (JOHN R.) CLUB MADISON, WI DEPARTMENT OF ECONOMICS JOHN R. COMMONS CLUB MSN L&S ECONOMICS (133-N911)	1,132.50
70.	PFIZER INC. HOFFMAN ESTATES, IL CARDIOLOGY EDUCATION FUND MSN HS-MED MEDICINE CARDIOLOGY (133-N976)	750.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRANK THAYER LAW & MEDIA MANAGEMENT FUND MSN L&S JOURN & MASS COM (133-PO19)	3,000.00

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72.	UNIVERSITY SURGICAL ASSOCIATES MADISON, WI PERIPHERAL VASCULAR CLINIC EXPENSE ACCOUNT MSN HS-MED SURGERY	GEN SURG (133-P642)	25,000.00
73.	ARTHRITIS FOUNDATION ATLANTA, GA INSTITUTIONAL ALLOWANCE IN CONNECTION WITH AN ARTHRITIS FOUNDATION INVESTIGATOR AWARD FOR THE PERIOD 07-01-88 THRU 06-30-91 MSN L&S CHEMISTRY	(133-P795)	1,000.00
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ACQUISITION OF ART MSN L&S ELVJM MUSEUM ART	(133-P918)	6,300.00
75.	SOCIETY OF ACTUARIES SCHAUMBURG, IL CHAIRMAN DISCRETIONARY FUND MSN L&S STATISTICS	(133-Q140)	750.00
76.	PROCTOR & GAMBLE COMPANY CINCINNATI, OH PRE-DOCTORAL FELLOWSHIPS IN CHEMISTRY MSN L&S CHEMISTRY	(133-Q586)	12,000.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LINGUISTICS DEPARTMENT DISCRETIONARY FUND MSN L&S LINGUISTICS	(133-Q589)	1,000.00
78.	COMMITTEE ON INSTITUTIONAL COOPERATION CHAMPAIGN, IL CIC INTERNATIONAL STUDIES GRANT MSN GRAD	(133-Q799)	4,000.00
79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY FUND MSN L&S STATISTICS	(133-Q807)	2,262.00
80.	WISCONSIN HIGH SCHOOL FORENSIC ASSOCIATION MADISON, WI SUPPORT OF WISCONSIN HIGH SCHOOL FORENSIC ASSOCIATION FOR THE PERIOD 07-01-90 THRU 06-30-91 MSN OUTRCH CONTIN EDUC-ARTS CONTIN EDU	(133-Q808)	100,099.00
81.	PHARMACIA P-L BIOCHEMICALS MILWAUKEE, WI BIOTECHNOLOGY TRAINING PROGRAMS MSN AG&LSC BACTERIOLOGY	(133-Q820)	1,000.00
82.	HAZLETON LABORATORIES AMERICA INC. MADISON, WI DISCRETIONARY FUND FOR INFECTIOUS DISEASE RESEARCH AND EDUCATION MSN HS-MED MEDICINE	INFECT DIS (133-Q821)	1,500.00

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83.	KADEREIT (JOACHIM W) MADISON, WI DISCRETIONARY FUND MSN L&S BOTANY	(133-Q860)	600.00
84.	INSTITUTE OF BUSINESS DESIGNERS FOUNDATION CHICAGO, IL CAREER DEVELOPMENT OF BUSINESS DESIGNERS FOR THE PERIOD 01-01-90 THRU 12-31-90 MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-Q861)	10,000.00
85.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTS ADMINISTRATION PROJECT ASSISTANTS MATCH MSN BUS SCH OF BUSINESS	(133-Q867)	17,000.00
86.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI "PEW" COMPUTERIZED INTERACTIVE VIDEO SUSTANCE ABUSE CURRICULUM FOR MEDICAL STUDENTS FOR THE PERIOD 03-01-90 THRU 02-28-92 AWARD # 90-00910-000 MSN HS-MED FAM MED & PRACT PRE-DOCTRL	(133-Q879)	165,000.00
87.	UNIVERSITY TECHNOLOGY TRANSFER, INC. TORRANCE, CA DISCRETIONARY FUND IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY	(133-Q923)	15,000.00
88.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOR EXCHANGE AGREEMENT WITH MOSCOW STATE UNIVERSITY MSN G E A INTL STU & PROGS	(133-Q958)	9,200.00
89.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR INTERNATIONAL STUDIES AND PROGRAMS MSN G E A INTL STU & PROGS	(133-Q959)	1,000.00
90.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS	(133-O179)	4,356.00
91.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR	(133-3236)	10,000.00
92.	ATLANTIC RICHFIELD FOUNDATION LOS ANGELES, CA DEPARTMENT OF GEOLOGY & GEOPHYSICS CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOL & GEOPHYSCS	(133-4575)	2,000.00

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93.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAND TENURE CENTER TRAINING PROGRAM FUND MSN AG&LSC LAND TENURE CTR	(133-5269)	5,480.00
94.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS	(133-5984)	
	500.00 IRA SCOTT HOLMES SAN FRANCISCO, CA		
	200.00 MULTIPLE DONORS		700.00
95.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND MSN ENGR OPERATIONS	(133-6370)	1,500.00
96.	UNIVERSITY PHYSICIANS IN PATHOLOGY MADISON, WI DEPARTMENT OF PATHOLOGY CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED	(133-6647)	34,886.00
97.	DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING DISCRETIONARY ACCOUNT MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-6718)	
	48.00 MULTIPLE DONORS		
	5,000.00 MINNESOTA MINING & MANUFACTURING COMPANY ST PAUL, MN		5,048.00
98.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ZOOLOGY DISCRETIONARY USE IN CONNECTION WITH TEACHING AND RESEARCH IN BIOLOGY MSN L&S ZOOLOGY	(133-6997)	339.00
99.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY FUND MSN ENGR CHEMICAL ENGR	(133-8366)	10,000.00
100.	EPERNAY PROPERTIES, INC. SPRING GREEN, WI ENVIRONMENTAL AWARENESS CENTER DEVELOPMENT FUND MSN AG&LSC N R-ENVIR AWARE	(133-8925)	10,000.00
101.	WARNER-LAMBERT COMPANY ANN ARBOR, MI BIOCHEMISTRY DEPARTMENT SYMPOSIUM AND SEMINAR FUND MSN AG&LSC BIOCHEMISTRY	(133-9330)	2,000.00



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102.	WILLIAM RANDOLPH HEARST FOUNDATION SAN FRANCISCO, CA SCHOOL OF JOURNALISM AND MASS COMMUNICATION DISCRETIONARY ACCOUNT MSN L&S JOURN & MASS COM (133-9465)	500.00
103.	CAMBRIDGE UNIVERSITY PRESS NEW YORK, NY ARBORETUM PUBLICATIONS MSN GRAD ARBORETUM (133-9841)	2,033.69

RESEARCH

1.	MONSANTO COMPANY ST LOUIS, MO MATERIAL TRANSFER AGREEMENT MSN L&S BOTANY	
2.	GENETICS INSTITUTE CAMBRIDGE, MA MATERIAL TRANSFER AGREEMENT MSN HS-MED MEDICINE ALLRGY&IMM	
3.	COSTA RICA (UNIVERSITY OF) SAN PEDRO DE MONTES DE OCA, COSTA RICA INTER-INSTITUTIONAL COLLABORATION AGREEMENT MSN VET M ADM-DEAN'S OFFIC DEAN'S OFF	
4.	MAYER (OSCAR) FOODS CORPORATION MADISON, WI COOPERATIVE RESEARCH AND TRAINING ACTIVITIES RELATED TO MEAT AND ANIMAL SCIENCE FOR THE PERIOD 07-01-90 THRU 06-30-91 MSN AG&LSC MEAT& ANIMAL SCI	
5.	HOLLEY, KAREN WATERLOO, WI COLLINS, HORACE--LEUKEMIA RESEARCH MSN HS-MED MEDICINE HEMATOLOGY ( TRUST )	5,000.00
6.	PLANT DISEASE RESEARCH FUND MSN AG&LSC PLANT PATHOLOGY ( TRUST )	
	2,000.00 MOBAY AGRICULTURAL CHEMICALS KANSAS CITY, MO	
	10,000.00 SANDOZ CROP PROTECTION CORP DES PLAINES, IL	
		12,000.00
7.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RUZICKA, FRANCIS F. JR.--RADIOLOGY RESEARCH FUND MSN HS-MED RADIOLOGY ( TRUST )	30,700.00

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## RESEARCH

8.	MCARDLE LABORATORY FOR CANCER RESEARCH-- DISCRETIONARY FUND MSN HS-MED ONCOLOGY	( TRUST )	
	680.00      MULTIPLE DONORS		
	12,147.77    HINZ, LEONA M. ESTATE		
			12,827.77
9.	MEILAHN, FLORENCE ESTATE WATERTOWN, WI MEILAHN, FLORENCE--CANCER RESEARCH FUND MSN HS-MED	( TRUST )	106.57
10.	AGRICULTURE, DEPT OF ALBANY, CA IN SUPPORT OF THE FOLLOWING:		
	1) EVALUATION OF ALFALFA PLANT INTRODUCTIONS FOR RESISTANCE TO APHANOMYCES ROOT ROT FOR THE PERIOD 09-01-88 THROUGH 08-30-92 AT A TOTAL COST OF \$29,500.00 AWARD # 58-91H2-8-169, MOD. 2 MSN AG&LSC PLANT PATHOLOGY	( 144-AS65 )	9,500.00
	2) INTRODUCTION OF COLUMBIA ROOT-KNOT NEMATODE RESISTANCE INTO CULTIVATED POTATO FOR THE PERIOD 04-01-90 THROUGH 03-30-91 AWARD # 58-91H2-0-282 MSN GRAD BIOTECHNOLGY CTR	( 144-BQ48 )	5,000.00
11.	AGRICULTURE, DEPT OF COLUMBUS, OH DETERMINING THE OPTIMAL INSECTICIDE APPLICATION TIME AND LOCATION BASED ON THE BEHAVIOR OF AN INSECT FOR THE PERIOD 02-14-89 THROUGH 03-31-91 AT A TOTAL COST OF \$37,500.00 AWARD # NCRPIAP PROJECT #475-2, MOD. 2 MSN AG&LSC SOIL SCIENCE	( 144-BA17 )	17,500.00
12.	AGRIC, COOPERATIVE STATE RESEARCH SERVICE WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
	1) USING GROUND PENETRATING RADAR TO PREDICT AND MONITOR PREFERENTIAL FLOW IN SANDY SOILS FOR THE PERIOD 07-01-90 THROUGH 06-30-92 AWARD # 90-34214-5085 MSN AG&LSC SOIL SCIENCE	( 144-BP59 )	143,865.00
	2) SAFE, ON-FARM DISPOSAL OF DILUTE PESTICIDE WASTES FOR THE PERIOD 07-01-90 THROUGH 06-30-92 AWARD # 90-34214-5084 MSN AG&LSC SOIL SCIENCE	( 144-BP60 )	97,835.00

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RESEARCH

- 3) PESTICIDE IMPACT ASSESSMENT IN WISCONSIN  
FOR THE PERIOD 06-01-90 THROUGH 05-31-91  
AWARD # 90-34050-5116  
MSN AG&LSC ENTOMOLOGY (144-BQ46) 11,491.00
- 4) RESEARCH APPRENTICESHIP PROGRAM-UNDER BASIC  
COOPERATIVE AGREEMENT  
FOR THE PERIOD 02-06-90 THROUGH 09-30-90  
AWARD # 90-CSA-WI4-428  
MSN VET M ADM-DEAN'S OFFIC DEAN'S OFF (144-BR06) 2,500.00
13. MIDWEST PLANT BIOTECHNOLOGY CONSORTIUM  
(PURDUE RESEARCH FOUNDATION)  
WEST LAFAYETTE, IN  
PRIME CONTRACTOR WITH AGRICCSRS  
BIOCONTROL OF DAMPING OFF BY UW85  
FOR THE PERIOD 10-15-89 THROUGH 10-14-90  
AWARD # 593-0009-14  
MSN AG&LSC PLANT PATHOLOGY (144-BK92) 37,034.00
14. AGRIC, FOREST SERVICE  
MADISON, WI  
FOUR USE OF FACILITY AGREEMENTS FOR FOUR  
STUDENTS  
FOR THE PERIOD 06-11-90 THROUGH 01-31-91  
AWARD # FP90-1348,61,62 & 63  
MSN AG&LSC BACTERIOLOGY
15. AGRIC, FOREST SERVICE  
MADISON, WI  
USE OF FACILITY AGREEMENT-ANALYSIS AND DESIGN OF  
THE BIOPULPING PROCESS  
FOR THE PERIOD 10-01-89 THROUGH 08-31-93  
AWARD # FP-90-1357  
MSN ENGR CHEMICAL ENGR
16. AGRIC, FOREST SERVICE  
MADISON, WI  
MODELING CHANGES IN PRODUCTION CAPACITY FOR THE  
NORTH AMERICAN PULP AND PAPER INDUSTRY  
FOR THE PERIOD 06-06-90 THROUGH 03-31-91  
AWARD # FP-90-1393  
MSN AG&LSC N RSRCS-FORESTRY (144-BQ39) 10,004.00
17. AGRIC, FOREST SERVICE  
ST PAUL, MN  
IN SUPPORT OF THE FOLLOWING:
- 1) DEVELOPING TECHNIQUES FOR PROMOTING EARLY  
FLOWERING IN JACK PINE  
FOR THE PERIOD 10-01-89 THROUGH 09-30-90  
AT A TOTAL COST OF \$27,000.00  
AWARD # AGR #23-88-05, MOD. 1  
MSN AG&LSC N RSRCS-FORESTRY (144-BG74) 7,000.00

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- 2) HABITAT SELECTION OF WHITE-TAILED DEER DURING  
FAWNING SEASON IN WISCONSIN  
FOR THE PERIOD 05-23-90 THROUGH 12-31-90  
AWARD # 23-90-10  
MSN AG&LSC N R-WILDLIF ECOL (144-BP73) 1,500.00
18. AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON, DC  
GAMBIA AGRICULTURAL RESEARCH AND  
DIVERSIFICATION PROJECT  
FOR THE PERIOD 08-15-85 THROUGH 01-05-91  
AT A TOTAL COST OF \$11,060,000.00  
AWARD # 635-0219-C-00-6011-00, MOD. 5  
MSN AG&LSC INTL AG PRGS-ADM (144-X333) 1,200,000.00
19. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM  
ROCKVILLE, MD  
WISCONSIN LAND INFORMATION NEWSLETTER: TEN  
STEPS TOWARD THE MODERNIZATION OF LAND  
INFORMATION SYSTEMS  
FOR THE PERIOD 04-01-90 THROUGH 03-31-91  
AWARD # NA90AA-D-CG240  
MSN ENV ST LAND INFO STU LD INFO ST (144-BQ93) 19,997.00
20. EDUCATION, DEPT OF  
WASHINGTON, DC  
DEVELOPING SOCIAL RELATIONSHIPS BETWEEN STUDENTS  
WITH SEVERE INTELLECTUAL DISABILITIES AND  
NONDISABLED PEERS AND OTHERS  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # H086D00020  
MSN EDUC REHAB PSYC&SP ED (144-BP96) 115,723.00
21. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM  
ROCKVILLE, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) SELF-REPORT DELINQUENCY: A LONGITUDINAL STUDY  
FOR THE PERIOD 06-01-89 THROUGH 05-31-91  
AT A TOTAL COST OF \$223,193.00  
AWARD # 5 RO1 MH45070-02, MOD. 1  
MSN L&S PSYCHOLOGY (144-BA85) 103,038.00
- 2) MENTAL HEALTH SERVICES RESEARCH CENTER  
FOR THE PERIOD 06-01-90 THROUGH 05-31-91  
AWARD # 5 P50 MH43555-03  
MSN L&S SOCIOLOGY (144-BP04) 422,868.00
- 3) DEVELOPMENT AND REGULATION OF EMOTION IN PRIMATES  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # 1 RO1 MH46729-01  
MSN HS-PSY PSYCHIATRIC INST (144-BQ97) 149,017.00
22. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:



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- 10) ACCURATE IN VIVO ULTRASONIC SCATTERING ASSESSMENTS  
FOR THE PERIOD 06-01-89 THROUGH 05-31-91  
AT A TOTAL COST OF \$221,582.00  
AWARD # 5 RO1 CA39224-09, MOD. 1  
MSN HS-MED MEDICAL PHYSICS (144-BA24) 106,877.00
- 11) BIOCHEMISTRY OF SCHISTOSOME GLUTATHIONE  
S-TRANSFERASES  
FOR THE PERIOD 07-01-89 THROUGH 06-30-91  
AT A TOTAL COST OF \$294,664.00  
AWARD # 5 R22 AI22520-05, MOD. 1  
MSN VET M CMPARTV BIOSCI'S (144-BB31) 137,124.00
- 12) ELECTRON TRANSFER REACTIONS OF AMINO NITROGEN  
COMPOUNDS  
FOR THE PERIOD 07-01-89 THROUGH 06-30-91  
AT A TOTAL COST OF \$220,851.00  
AWARD # 5 RO1 GM29549-08, MOD. 1  
MSN L&S CHEMISTRY (144-BC30) 104,896.00
- 13) CELLULAR AND MOLECULAR STUDIES ON ASCARIS  
NEUROPEPTIDES  
FOR THE PERIOD 07-01-89 THROUGH 06-30-91  
AT A TOTAL COST OF \$340,230.00  
AWARD # 5 RO1 AI20355-08, MOD. 1  
MSN L&S ZOOLOGY (144-BC85) 176,379.00
- 14) SINGLE-EXPOSURE DUAL-ENERGY RADIOGRAPHY  
FOR THE PERIOD 08-01-89 THROUGH 05-31-91  
AT A TOTAL COST OF \$265,326.00  
AWARD # 5 RO1 CA50382-02, MOD. 2  
MSN HS-MED MEDICAL PHYSICS (144-BE47) 157,801.00
- 15) WISCONSIN CENTER ON MENTAL RETARDATION - CORE  
SUPPORT  
FOR THE PERIOD 03-01-90 THROUGH 02-28-91  
AWARD # 5 P30 HD03352-23  
MSN GRAD WAISMAN CENTER (144-BK87) 898,610.00
- 16) PHASE I AND CLINICAL PHARMACOKINETIC STUDIES  
OF ANTICANCER AGENTS  
FOR THE PERIOD 05-01-90 THROUGH 11-30-90  
AWARD # NO1-CM-07306  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-BN66) 246,312.00
- 17) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH  
SERVICE AWARD: GENETICS  
FOR THE PERIOD 06-01-90 THROUGH 05-31-91  
AWARD # 5 F32 GM12381-03  
MSN HS-MED PHYSIOLOG CHEM (144-BP14) 30,500.00
- 18) THE EPIDEMIOLOGY OF AGE-RELATED OCULAR DISEASE  
FOR THE PERIOD 06-01-90 THROUGH 05-31-91  
AWARD # 5 U10 EYO6594-04  
MSN HS-MED OPHTHALMOLOGY (144-BP30) 519,106.00

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- 19) PARASITE FUNCTION IN RESPONSE TO THE  
HOST ENVIRONMENT  
FOR THE PERIOD 06-01-90 THROUGH 05-31-91  
AWARD # 1 P01 AI28781-01  
MSN AG&LSC VETERINARY SCI (144-BQ05) 443,210.00
- 20) SIMULTANEOUS FERROMAGNETIC HYPERTHERMIA AND  
IODINE-125 BRACHYTHERAPY  
FOR THE PERIOD 06-01-90 THROUGH 05-31-91  
AWARD # 1 R01 CA49429-01A1  
MSN HS-MED HUMAN ONCOLOGY RAD THERAP (144-BQ38) 109,552.00
- 21) AGE RELATED EYE DISEASE STUDY  
FOR THE PERIOD 07-01-90 THROUGH 02-28-91  
AWARD # NO1-EY-O-2112  
MSN HS-MED OPHTHALMOLOGY (144-BQ89) 126,535.00
- 22) IMMUNOBIOLOGY OF HUMAN ANTILEUKEMIC LYMPHOCYTES  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # 2 R01 CA32685-09  
MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY (144-BQ95) 188,703.00
- 23) IMMUNE RESPONSE OF MOSQUITOES TO FILARIAL WORMS  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # 2 R37 AI19769-08  
MSN AG&LSC VETERINARY SCI (144-BR04) 188,249.00
- 24) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH  
SERVICE AWARD: GENETICS  
FOR THE PERIOD 06-01-90 THROUGH 05-31-91  
AWARD # 5 F32 GM13186-02  
MSN GRAD MOLECULAR BIOL (144-BR13) 28,000.00
23. UNIVERSITY OF NEBRASKA  
LINCOLN, NE  
PRIME CONTRACTOR WITH DHHS PHS NIH  
HEAVY-ATOM ISOTOPE EFFECTS ON ENZYMATIC REACTIONS  
FOR THE PERIOD 06-01-89 THROUGH 05-31-91  
AT A TOTAL COST OF \$45,779.00  
AWARD # REF #LWL 62-130-04701, MOD. 1  
MSN GRAD ENZYME INSTITUTE (144-BC10) 23,609.00
24. UNIVERSAL ENERGY SYSTEMS, INC  
DAYTON, OH  
PRIME CONTRACTOR WITH DOD AF  
LABORATORY GRADUATE FELLOWSHIP PROGRAM  
FOR THE PERIOD 08-29-88 THROUGH 08-10-90  
AT A TOTAL COST OF \$55,774.00  
AWARD # S-789-000-033  
MSN ENGR MAT SCI & ENGR (144-AR08) 7,023.00
25. UNIVERSAL ENERGY SYSTEMS, INC  
DAYTON, OH  
PRIME CONTRACTOR WITH DOD AF  
NATIONAL DEFENSE SCIENCE AND ENGINEERING  
FELLOWSHIP PROGRAM  
FOR THE PERIOD 09-01-89 THROUGH 08-31-90  
AT A TOTAL COST OF \$44,000.00  
AWARD # S-789-DOD-015 AND 021, MOD. 1  
MSN GRAD ADMINISTRATION (144-BC52) 7,500.00

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26. GENERAL ELECTRIC CORPORATE RESEARCH  
AND DEVELOPMENT  
SCHENECTADY, NY  
PRIME CONTRACTOR WITH DOD AF  
INVESTIGATION OF ALTERNATE RESONANT LINK  
CONVERTER TOPOLOGIES FOR AIRCRAFT GENERATOR  
SYSTEMS  
FOR THE PERIOD 09-28-87 THROUGH 09-30-91  
AT A TOTAL COST OF \$77,190.00  
AWARD # P.O. # A02-J00964000, MOD. 3  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AD12) 18,200.00
27. DOD, NAVY  
ARLINGTON, VA  
IN SUPPORT OF THE FOLLOWING:
- 1) TYPHOON MONITORING USING PASSIVE MICROWAVE  
OBSERVATIONS  
FOR THE PERIOD 04-01-88 THROUGH 12-31-90  
AT A TOTAL COST OF \$191,937.00  
AWARD # NO0014-88-K-0711, MOD. 4  
MSN GRAD SPACE SCI&ENG CT (144-AQ70) 30,000.00
- 2) AN ACOUSTICAL STUDY OF NEKTON AND ZOOPLANKTON AT  
WATER TYPE BOUNDARIES AND FRONTS IN THE OCEANS  
FOR THE PERIOD 10-01-88 THROUGH 09-30-90  
AT A TOTAL COST OF \$194,071.00  
AWARD # NO0014-89-J-1485, MOD. 2  
MSN L&S LIMNOLOGY CTR (144-AQ86) 40,000.00
- 3) COMBINING EXPLANATION-BASED AND NEURAL APPROACHES  
TO MACHINE LEARNING  
FOR THE PERIOD 06-01-90 THROUGH 05-31-91  
AWARD # NO0014-90-J-1941  
MSN L&S COMPUTER SCI (144-BN38) 54,989.00
- 4) CONFERENCE ON MOTORSENSORY SYSTEMS  
FOR THE PERIOD 06-01-90 THROUGH 12-31-90  
AWARD # NO0014-90-J-1892  
MSN GRAD WAISMAN CENTER (144-BQ42) 6,421.00
- 5) COLLECTION OF STATISTICS ON THE FREQUENCY  
OF CLOUD COVER OVER NORTH AMERICA  
FOR THE PERIOD 04-01-87 THROUGH 08-31-90  
AT A TOTAL COST OF \$692,779.00  
AWARD # NO0014-87-K-0436, MOD. 8  
MSN GRAD SPACE SCI&ENG CT (144-Z641) 63,000.00
28. DOD, NAVY  
WASHINGTON, DC  
MOLECULAR RECOGNITION OF CARBOHYDRATES:  
SUBSTRATE DISCRIMINATION BY MULTI-POINT  
HYDROGEN BONDING  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # NO0014-90-J-1902  
MSN L&S CHEMISTRY (144-BP81) 95,000.00



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29. DOD, NATIONAL SECURITY AGENCY  
FORT GEORGE G. MEADE, MD  
RANDOM COMBINATORIAL STRUCTURES  
FOR THE PERIOD 06-11-90 THROUGH 06-10-91  
AWARD # MDA904-90-H-4044  
MSN L&S STATISTICS (144-BR17) 19,489.00
30. ENERGY, DEPT OF  
ARGONNE, IL  
IN SUPPORT OF THE FOLLOWING:
- 1) LIQUID HELIUM FLUID DYNAMICS STUDIES  
FOR THE PERIOD 06-01-89 THROUGH 05-31-91  
AT A TOTAL COST OF \$370,000.00  
AWARD # DE-ACO2-86ER40306, MOD. 5  
MSN ENGR NUC ENGR&E PHYSC (144-BA14) 190,000.00
- 2) EXPERIMENTAL INVESTIGATION OF ICRF EFFECTS  
FOR THE PERIOD 10-16-89 THROUGH 10-15-90  
AT A TOTAL COST OF \$1,955,000.00  
AWARD # DE-FGO2-88ER53264, MOD. 6  
MSN ENGR NUC ENGR&E PHYSC (144-BG81) 965,000.00
- 3) FEEDBACK REGULATION OF PHOTOSYNTHETIC PROCESSES  
FOR THE PERIOD 06-01-90 THROUGH 05-31-92  
AWARD # DE-FGO2-87ER13785-A003  
MSN L&S BOTANY (144-BN68) 152,000.00
- 4) ORGANIZATION OF THE R CHROMOSOME REGION IN MAIZE  
FOR THE PERIOD 06-01-90 THROUGH 05-31-92  
AWARD # DE-FGO2-86ER13539-A003  
MSN AG&LSC GENETICS (144-BP79) 127,000.00
- 5) A HIGH-SPEED AUTOMATED DNA SEQUENCER  
FOR THE PERIOD 06-01-90 THROUGH 01-31-91  
AWARD # DE-FGO2-90ER61026  
MSN L&S CHEMISTRY (144-BQ01) 274,413.00
31. SANDIA NATIONAL LABORATORIES  
ALBUQUERQUE, NM  
PRIME CONTRACTOR WITH DOE  
PLASMA CLEANING OF OIL CONTAMINATED SUBSTRATES  
USING 5, 10, 15 AND 20 KEV ACCERATED AR PLASMAS  
FOR THE PERIOD 06-14-90 THROUGH 09-30-90  
AWARD # 69-5753  
MSN ENGR NUC ENGR&E PHYSC (144-BR22) 15,000.00
32. ARGONNE NATIONAL LABORATORY  
ARGONNE, IL  
PRIME CONTRACTOR WITH DOE  
SERVICES OF GRADUATE STUDENT  
FOR THE PERIOD 01-01-88 THROUGH 06-30-91  
AT A TOTAL COST OF \$54,878.03  
AWARD # P.O. #059816, MOD. 5  
MSN L&S PHYSICS (144-AP54) 20,560.80

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33. FERMI NATIONAL ACCELERATOR LABORATORY  
BATAVIA, IL  
PRIME CONTRACTOR WITH DOE  
EQUIPMENT GRANT  
FOR THE PERIOD 06-04-90 THROUGH 10-01-90  
AWARD # P.O. 989790  
MSN L&S PHYSICS (144-BQ99) 50,000.00
34. SUPERCONDUCTING SUPER COLLIDER  
DALLAS, TX  
PRIME CONTRACTOR WITH DOE  
UNDERSTANDING THE DEGRADATION MECHANISMS OF  
FINE FILAMENT SSC CONDUCTORS AND THE TRAINING  
OF STUDENTS SKILLED IN THE DESIGN OF  
SUCH CONDUCTORS  
FOR THE PERIOD 07-01-89 THROUGH 09-30-90  
AWARD # P.O. # E90703, MOD. 1  
MSN ENGR ENGR EXPR STA SUPERCOND (144-BG40) 233,280.00
35. WESTINGHOUSE ELECTRIC CORPORATION  
MADISON, PA  
PRIME CONTRACTOR WITH DOE  
CONDENSATION HEAT TRANSFER TESTS  
FOR THE PERIOD 05-01-90 THROUGH 12-31-90  
AWARD # MA02823H  
MSN ENGR NUC ENGR&E PHYSC (144-BP57) 25,000.00
36. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC  
ANALYSIS OF THE EFFECTS OF INCREASED ACIDITY ON  
LAKE ECOSYSTEMS BY A WHOLE LAKE MANIPULATION  
EXPERIMENT: SITE GENERAL ACTIVITIES AND  
ZOOPLANKTON  
FOR THE PERIOD 04-01-90 THROUGH 03-31-91  
AWARD # CR814937-02-0  
MSN L&S LIMNOLOGY CTR (144-BP05) 73,236.00
37. INTERIOR, DEPT OF  
HERNDON, VA  
PERCEPTION OF RISKS: OFFSHORE OIL  
AND GAS DEVELOPMENT  
FOR THE PERIOD 05-22-90 THROUGH 05-21-91  
AWARD # PO #12704  
MSN AG&LSC RURAL SOCIOLOGY (144-BQ04) 24,870.00
38. INTER, OFFICE OF WATER RESEARCH AND TECH.  
RESTON, VA  
WISCONSIN WATER RESEARCH INSTITUTE PROGRAM FOR  
1990  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # 14-08-0001-G1599, MOD. 2  
MSN GRAD WATER RESOURCES WATER RESO (144-BR27) 103,703.00
39. NATIONAL AERONAUTICS AND SPACE ADMIN  
CLEVELAND, OH  
THREE-DIMENSIONAL MODELING OF DIESEL SPRAY  
COMBUSTION AND EMISSIONS  
FOR THE PERIOD 10-01-89 THROUGH 09-30-91  
AT A TOTAL COST OF \$248,010.00  
AWARD # NAG 3-1087, MOD. 1  
MSN ENGR MECHANICAL ENGR (144-BJO4) 160,000.00

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40. NATIONAL AERONAUTICS AND SPACE ADMIN  
HAMPTON, VA  
IN SUPPORT OF THE FOLLOWING:
- 1) ANALYZE HIGH SPECTRAL RESOLUTION LIDAR DATA  
ACQUIRED DURING THE FIRE CIRRUS EXPERIMENT  
FOR THE PERIOD 05-04-88 THROUGH 05-02-91  
AT A TOTAL COST OF \$207,500.00  
AWARD # NAG-1-882, MOD. 2  
MSN L&S METEOROLOGY (144-AH14) 127,500.00
- 2) SCIENCE SUPPORT FOR ERBE  
FOR THE PERIOD 05-15-86 THROUGH 07-31-91  
AT A TOTAL COST OF \$818,200.00  
AWARD # NAS1-18272, MOD. 16  
MSN GRAD SPACE SCI&ENG CT (144-X922) 176,200.00
41. NATIONAL AERONAUTICS AND SPACE ADMIN  
HOUSTON, TX  
METEOROLOGICAL INTERACTIVE DISPLAY SYSTEM-II  
FOR THE PERIOD 05-15-86 THROUGH 06-30-90  
AT A TOTAL COST OF \$5,283,683.00  
AWARD # NAS9-17642, MOD. 23  
MSN GRAD SPACE SCI&ENG CT (144-X916) 16,410.00
42. JET PROPULSION LABORATORY  
PASADENA, CA  
PRIME CONTRACTOR WITH NASA  
HUBBLE SPACE TELESCOPE PROJECT  
FOR THE PERIOD 12-16-85 THROUGH 11-30-90  
AT A TOTAL COST OF \$260,430.00  
AWARD # CONTRACT 957413, MOD. 9  
MSN L&S SPACE ASTRON LAB (144-X552) 57,530.00
43. JET PROPULSION LABORATORY  
PASADENA, CA  
PRIME CONTRACTOR WITH NASA  
PARTICIPATION IN THE VOYAGER IMAGING SCIENCE  
TEAM NEPTUNE OPERATIONS AND URANUS DATA ANALYSIS  
FOR THE PERIOD 10-01-86 THROUGH 09-30-90  
AT A TOTAL COST OF \$189,363.00  
AWARD # 957739, MOD. 7  
MSN GRAD SPACE SCI&ENG CT (144-Y674) 42,500.00
44. NASA, AMES RESEARCH CENTER  
MOFFETT FIELD, CA  
IN SUPPORT OF THE FOLLOWING:
- 1) SOFT DENSE FIBROUS CONNECTIVE TISSUE RESPONSE  
TO HINDLIMB SUSPENSION  
FOR THE PERIOD 06-01-89 THROUGH 09-30-90  
AWARD # NAG 2-568 MOD #2  
MSN EDUC PHYS ED & DANCE BIODYN LAB (144-BG35) 31,000.00
- 2) SOFT DENSE FIBROUS CONNECTIVE TISSUE RESPONSE  
TO HINDLIMB SUSPENSION  
FOR THE PERIOD 12-01-89 THROUGH 09-30-90  
AT A TOTAL COST OF \$32,330.00  
AWARD # NAG 2-568 #4  
MSN EDUC PHYS ED & DANCE BIODYN LAB (144-BJ90) 1,330.00

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45. NASA, GODDARD SPACE FLIGHT CENTER  
GREENBELT, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) INVESTIGATION OF THE LASER ATMOSPHERE  
WIND SOUNDER (LAWS) FACILITY INSTRUMENT  
FOR THE PERIOD 01-29-90 THROUGH 09-30-90  
AT A TOTAL COST OF \$40,000.00  
AWARD # NAS5-30752, MOD. 1  
MSN GRAD SPACE SCI&ENG CT (144-BL05) 15,000.00
  - 2) A SPACE TELESCOPE SCIENTIFIC INVESTIGATION USING  
A HIGH SPEED PHOTOMETER  
FOR THE PERIOD 03-02-78 THROUGH 09-30-90  
AT A TOTAL COST OF \$11,439,955.00  
AWARD # NAS5-24487, MOD. 64  
MSN GRAD SPACE SCI&ENG CT (144-L324) 68,760.00
  - 3) SOME NEW MATHEMATICAL METHODS FOR VARIATIONAL  
OBJECTIVE ANALYSIS OF METEOROLOGICAL INFORMATION  
USING SPLINES AND CROSS VALIDATION  
FOR THE PERIOD 05-01-83 THROUGH 12-31-90  
AT A TOTAL COST OF \$682,268.00  
AWARD # NAG5-316, MOD. 14  
MSN GRAD SPACE SCI&ENG CT (144-T131) 64,098.00
  - 4) THE USE OF AVAILABLE POTENTIAL ENERGY TO ACCESS  
THE IMPACT OF WIND PROFILER DATA ON NUMERICAL  
WEATHER  
FOR THE PERIOD 01-01-84 THROUGH 08-31-91  
AT A TOTAL COST OF \$278,088.00  
AWARD # NAG5-385, MOD. 9  
MSN L&S METEOROLOGY (144-UO14) 15,000.00
  - 5) INVESTIGATION OF SINGLE-PHOTON CALORIMETERS  
FOR X-RAY SPECTROSCOPY  
FOR THE PERIOD 08-01-85 THROUGH 09-30-91  
AT A TOTAL COST OF \$719,000.00  
AWARD # NAG-5-594, MOD. 5  
MSN L&S PHYSICS (144-W890) 50,000.00
  - 6) SCIENCE VERIFICATION CALIBRATION, AND  
GUARANTEED TIME OBSERVATIONS OF THE HIGH  
RESOLUTION SPECTROGRAPH OF THE HUBBLE  
SPACE TELESCOPE  
FOR THE PERIOD 09-16-86 THROUGH 09-15-91  
AT A TOTAL COST OF \$501,671.00  
AWARD # NAS5-29368, MOD. 12  
MSN L&S SPACE ASTRON LAB (144-Y657) 45,000.00
46. NASA, HEADQUARTERS  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) APPLICATION OF LIGHTNING DATA TO SATELLITE-  
BASED RAINFALL ESTIMATION  
FOR THE PERIOD 01-01-89 THROUGH 12-31-90  
AT A TOTAL COST OF \$147,900.00  
AWARD # NAGW-1767, MOD. 1  
MSN GRAD SPACE SCI&ENG CT (144-BB23) 75,900.00

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- 2) SEARCH FOR ICE SHEET ELEVATION CHANGES IN EAST ANTARCTICA USING REPEAT SATELLITE ALTIMETRY FOR THE PERIOD 09-01-89 THROUGH 02-28-91 AT A TOTAL COST OF \$111,330.00  
AWARD # NAGW-1773, MOD. 1  
MSN L&S GEOL & GEOPHYSICS GEO&PDL R (144-BE28) 59,550.00
- 3) GRADUATE STUDENT RESEARCHERS PROGRAM: A FRACTAL BASED APPROACH TO STRUCTURE AND RADIATIVE TRANSFER IN CONIFER CANOPIES (STUDENT TOOK OUTSIDE EMPLOYMENT AND DID NOT WANT THIS AWARD) FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # NGT-70119, MOD. 1  
MSN AG&LSC SOIL SCIENCE (144-BF30) 18,000.00-
- 4) MICROWAVE (SSM/I) ESTIMATES OF THE PRECIPITATION RATE TO IMPROVE NUMERICAL ATMOSPHERIC MODEL FORECASTS FOR THE PERIOD 10-10-89 THROUGH 01-31-91 AT A TOTAL COST OF \$133,029.00  
AWARD # NAGW-1855, MOD. 1  
MSN GRAD SPACE SCI&ENG CT (144-BH27) 88,029.00
- 5) AN INVESTIGATION OF CURRENT AND FUTURE SATELLITE AND IN SITU DATA FOR THE REMOTE SENSING OF THE LAND SURFACE ENERGY BALANCE FOR THE PERIOD 06-01-89 THROUGH 09-30-90 AT A TOTAL COST OF \$198,000.00  
AWARD # NAGW-1858, MOD. 1  
MSN GRAD SPACE SCI&ENG CT (144-BH78) 132,000.00
- 6) TRACE GAS RETRIEVAL PROGRAM FOR THE PERIOD 03-01-90 THROUGH 02-28-91  
AWARD # NAGW-2053  
MSN GRAD SPACE SCI&ENG CT (144-BP66) 175,622.00
47. NASA, MARSHALL SPACE FLIGHT CENTER  
MARSHALL SPACE FLIGHT CENTER, AL  
IN SUPPORT OF THE FOLLOWING:
- 1) IMPLEMENTATION OF THE WETNET SYSTEM FOR THE PERIOD 03-27-89 THROUGH 03-26-91 AT A TOTAL COST OF \$733,185.00  
AWARD # NAS8-37587, MOD. 3  
MSN GRAD SPACE SCI&ENG CT (144-AY09) 233,000.00
- 2) INTERACTIVE ACCESS AND MANAGEMENT FOR FOUR-DIMENSIONAL ENVIRONMENTAL DATA SETS USING MCIDAS FOR THE PERIOD 05-29-90 THROUGH 05-28-91  
AWARD # NAG8-828  
MSN GRAD SPACE SCI&ENG CT (144-BQ02) 199,994.00
- 3) X-RAY BACKGROUND SURVEY SPECTROMETER FOR THE PERIOD 06-13-90 THROUGH 10-31-90  
AWARD # NAS8-38664  
MSN GRAD SPACE SCI&ENG CT (144-BR08) 99,787.00

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- 4) WISCONSIN ULTRAVIOLET PHOTO-POLARIMETER EXPERIMENT  
FOR THE PERIOD 09-04-81 THROUGH 06-30-90  
AT A TOTAL COST OF \$10,973,760.00  
AWARD # NAS5-26777, MOD. 46  
MSN L&S SPACE ASTRON LAB (144-R418) 440,000.00
- 5) DETERMINATION OF ATMOSPHERIC MOISTURE STRUCTURE  
AND INFRARED COOLING RATES FROM HIGH RESOLUTION  
MAMS RADIANCE DATA  
FOR THE PERIOD 09-19-86 THROUGH 08-31-90  
AT A TOTAL COST OF \$382,800.00  
AWARD # NAS8-36169, MOD. 8  
MSN GRAD SPACE SCI&ENG CT (144-Y612) 30,000.00
48. NATIONAL ENDOWMENT FOR THE HUMANITIES  
WASHINGTON, DC  
A HISTORY OF CARTOGRAPHY  
FOR THE PERIOD 09-01-88 THROUGH 08-31-92  
AT A TOTAL COST OF \$256,800.74  
AWARD # RT-20983-88, MOD. 4  
MSN L&S GEOGRAPHY (144-AM47) 140,000.00
49. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) GLOBAL BOUNDARY LAYER DYNAMICS  
FOR THE PERIOD 12-01-87 THROUGH 05-31-91  
AT A TOTAL COST OF \$423,137.00  
AWARD # ATM-8717255, MOD. 2  
MSN L&S METEOROLOGY (144-AA34) 166,600.00
- 2) GENETIC CONTROL OF DROSOPHILA EMBRYONIC  
PATTERN FORMATION  
FOR THE PERIOD 07-01-88 THROUGH 12-31-91  
AT A TOTAL COST OF \$2,384,000.00  
AWARD # DCB-8801814, MOD. 2  
MSN GRAD MOLECULAR BIOL (144-AH21) 78,400.00
- 3) MATHEMATICAL SCIENCES: NONASSOCIATIVE ALGEBRAS  
FOR THE PERIOD 07-01-88 THROUGH 12-31-91  
AT A TOTAL COST OF \$147,020.00  
AWARD # DMS-8800691, MOD. 2  
MSN L&S MATHEMATICS (144-AH82) 50,470.00
- 4) ENHANCING INTERACTIVE TEACHING AND LEARNING:  
EXPANDING RESOURCES AND TEACHER PREPARATION  
FOR THE PERIOD 06-15-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$2,496,691.00  
AWARD # TPE-8751837, MOD. 2  
MSN L&S CHEMISTRY (144-AJ37) 237,153.00
- 5) MATHEMATICAL SCIENCES: SOME PROBLEMS IN  
ALGEBRAIC COMBINATORICS  
FOR THE PERIOD 06-01-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$51,338.00  
AWARD # DMS-8800764, MOD. 2  
MSN L&S MATHEMATICS (144-AJ68) 17,738.00

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- 6) RESEARCH IN EXPERIMENTAL NUCLEAR PHYSICS  
(REU SUPPLEMENT)  
FOR THE PERIOD 12-01-87 THROUGH 05-31-91  
AT A TOTAL COST OF \$14,000.00  
AWARD # PHY-8717764, MOD. 5  
MSN L&S PHYSICS (144-AK24) 7,000.00
- 7) PRESIDENTIAL YOUNG INVESTIGATOR AWARD:  
NONLINEAR SECURITY AND CONTROL TECHNIQUES  
FOR POWER SYSTEMS  
FOR THE PERIOD 08-01-88 THROUGH 01-31-92  
AT A TOTAL COST OF \$149,500.00  
AWARD # ECS-8857019, MOD. 2  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AN48) 62,000.00
- 8) CARBON AND NUTRIENT RELATIONS AMONG OLIGOTROPHIC  
FOREST COMMUNITIES IN THE NORTH CENTRAL  
AMAZON BASIN  
FOR THE PERIOD 02-15-89 THROUGH 01-31-91  
AT A TOTAL COST OF \$125,788.00  
AWARD # BSR-8819718, MOD. 2  
MSN AG&LSC N RSRCS-FORESTRY (144-AW63) 46,584.00
- 9) DEVELOPING ADSORPTIVE PROTEIN SEPARATIONS  
FOR THE PERIOD 06-01-89 THROUGH 05-31-91  
AT A TOTAL COST OF \$176,160.00  
AWARD # CBT-8901406, MOD. 1  
MSN ENGR CHEMICAL ENGR (144-AW64) 89,060.00
- 10) REGULATION OF DEVELOPMENT OF PEPTIDE NEURONS  
IN GUT  
FOR THE PERIOD 04-15-89 THROUGH 03-31-91  
AT A TOTAL COST OF \$158,583.00  
AWARD # BNS-8820658, MOD. 1  
MSN HS-MED ANATOMY (144-AX93) 78,583.00
- 11) MECHANISM OF ANTAGONISM OF OOMYCETE FUNGI  
BY BACILLUS CEREUS  
FOR THE PERIOD 07-01-89 THROUGH 06-30-91  
AT A TOTAL COST OF \$146,487.00  
AWARD # DCB-8819401, MOD. 1  
MSN AG&LSC PLANT PATHOLOGY (144-AY67) 68,600.00
- 12) MATHEMATICAL SCIENCES: SOME QUESTIONS  
IN NONLINEAR DIFFERENTIAL EQUATIONS  
FOR THE PERIOD 05-15-89 THROUGH 04-30-91  
AT A TOTAL COST OF \$95,241.00  
AWARD # DMS-8822679, MOD. 1  
MSN L&S MATHEMATICS (144-AZ35) 47,530.00
- 13) EXPERIMENTAL DESIGN AND STATISTICAL METHODS FOR  
THE IMPROVEMENT OF QUALITY AND PRODUCTIVITY  
FOR THE PERIOD 05-01-89 THROUGH 04-30-91  
AT A TOTAL COST OF \$321,500.00  
AWARD # DDM-8808138, MOD. 1  
MSN L&S STATISTICS (144-AZ90) 171,500.00

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|--|------------|------------|
| 14) ENZYMES INVOLVED IN THE REGULATION OF<br>NITROGEN METABOLISM<br>FOR THE PERIOD 07-15-89 THROUGH 06-30-90<br>AT A TOTAL COST OF \$88,585.00<br>AWARD # DCB-8821820, MOD. 1<br>MSN AG&LSC BIOCHEMISTRY   | (144-BA18) | 8,585.00   |
| 15) A PROPOSAL FOR INVESTIGATING MULTICUBE:<br>A LARGE SCALE, MULTIPROCESSOR CACHE-COHERENT<br>SHARED-MEMORY<br>FOR THE PERIOD 07-15-89 THROUGH 06-30-91<br>AT A TOTAL COST OF \$179,686.00<br>AWARD # CCR-8902766, MOD. 1<br>MSN L&S COMPUTER SCI | (144-BB65) | 91,555.00  |
| 16) PRESIDENTIAL YOUNG INVESTIGATOR AWARD<br>FOR THE PERIOD 07-01-89 THROUGH 06-30-91<br>AT A TOTAL COST OF \$124,500.00<br>AWARD # DIR-8957582, MOD. 1<br>MSN L&S CHEMISTRY   | (144-BB88) | 62,000.00  |
| 17) EXPERIMENTAL AND THEORETICAL INVESTIGATION OF<br>THE COLLISIONAL GROWTH OF HYDROMETEORS<br>FOR THE PERIOD 06-01-90 THROUGH 05-31-91<br>AWARD # ATM-9002299<br>MSN L&S METEOROLOGY  | (144-BM28) | 118,000.00 |
| 18) X-RAY LITHOGRAPHY PROCESS STUDIES<br>FOR THE PERIOD 06-01-90 THROUGH 05-31-91<br>AWARD # ECS-8921165<br>MSN ENGR ENGR EXPER STA X-RAY LITH   | (144-BM36) | 118,000.00 |
| 19) COMPARATIVE FEEDBACK BUDGETS OF SQUALL LINES FOR<br>VARIABLE MESOSCALE AVERAGING AREAS AS DIAGNOSED<br>WITH THREE-DIMENSIONAL CLOUD MODEL OUTPUT<br>FOR THE PERIOD 06-01-90 THROUGH 05-14-91<br>AWARD # ATM-8919066<br>MSN L&S METEOROLOGY     | (144-BN70) | 34,000.00  |
| 20) EFFECTS OF LANDSCAPE MANAGEMENT AND DEER<br>ABUNDANCE ON PLANT COMMUNITY AND SPECIES DIVERSITY<br>FOR THE PERIOD 06-01-90 THROUGH 11-30-92<br>AWARD # BSR-9000102<br>MSN L&S BOTANY  | (144-BP39) | 140,070.00 |
| 21) CRB: REPRODUCTIVE BIOLOGY OF THE COTTON-TOP<br>TAMARIN IN COLOMBIA<br>FOR THE PERIOD 06-01-90 THROUGH 05-31-91<br>AWARD # BNS-89222741<br>MSN L&S PSYCHOLOGY   | (144-BP41) | 64,591.00  |
| 22) LASER SPECTROSCOPY AND CHEMICAL REACTION DYNAMICS<br>OF GAS PHASE TRANSITION METAL SPECIES<br>FOR THE PERIOD 06-01-90 THROUGH 05-31-91<br>AWARD # CHE-9000503<br>MSN L&S CHEMISTRY   | (144-BP76) | 227,000.00 |



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23)	IN-SITU DIFFRACTION STUDIES OF THE STRUCTURAL EVOLUTION IN DOPED CONJUGATED POLYMERS FOR THE PERIOD 06-01-90 THROUGH 05-31-91 AWARD # DMR-8917530 MSN L&S      PHYSICS	(144-BP78)	70,000.00
24)	SMALL-TO-GIGANTIC TRANSITION METAL CLUSTERS FOR THE PERIOD 06-01-90 THROUGH 05-31-91 AWARD # CHE-9013059 MSN L&S      CHEMISTRY	(144-BP80)	166,000.00
25)	PARALLEL OPTIMIZATION OF LARGE-SCALE NETWORKS FOR THE PERIOD 04-15-90 THROUGH 03-31-91 AWARD # CCR-8907671 MSN L&S      COMPUTER SCI	(144-BP83)	57,278.00
26)	MATHEMATICAL SCIENCES: COHOMOLOGICAL TOPICS IN FINITE TRANSFORMATION GROUPS AND APPLICATIONS FOR THE PERIOD 06-01-90 THROUGH 05-31-92 AWARD # DMS-9000582 MSN L&S      MATHEMATICS	(144-BP87)	46,100.00
27)	SPECIAL FUNCTIONS FOR THE PERIOD 05-01-90 THROUGH 04-30-91 AWARD # DMS-8922990 MSN L&S      MATHEMATICS	(144-BP88)	45,447.00
28)	MATHEMATICAL SCIENCES: NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS FROM HYDRODYNAMICS FOR THE PERIOD 04-15-90 THROUGH 03-31-91 AWARD # DMS-9000110 MSN L&S      MATHEMATICS	(144-BP89)	35,000.00
29)	RESEARCH INITIATION AWARD: THE MAIN CAUSES OF VOLTAGE COLLAPSE IN ELECTRIC POWER SYSTEMS FOR THE PERIOD 06-01-90 THROUGH 05-31-91 AWARD # ECS-9009079 MSN ENGR    ELEC & COM ENGR    ELEC&COMP	(144-BQ34)	38,410.00
30)	PROJECT SERAPHIM FOR THE PERIOD 11-30-89 THROUGH 10-31-90 AWARD # MDR-9096219 MSN L&S      CHEMISTRY	(144-BQ51)	11,735.00
31)	REU: OBSERVATION OF VERY HIGH GAMMA RAY SOURCES FROM THE SOUTH POLE FOR THE PERIOD 05-01-90 THROUGH 04-30-91 AWARD # DPP-8818918, MOD. 3 MSN L&S      PHYSICS	(144-BQ59)	9,500.00
32)	HEAT TRANSFER IN HE II-DIMENSIONAL SCALING FOR THE PERIOD 06-15-90 THROUGH 05-31-91 AWARD # CTS-8922755 MSN ENGR    NUC ENGR&E PHYSC	(144-BQ62)	63,450.00

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- 33) MATHEMATICAL SCIENCES: GRAPHICAL AIDS FOR  
STATISTICAL MODEL BUILDING  
FOR THE PERIOD 07-01-90 THROUGH 06-30-92  
AWARD # DMS-9005904  
MSN L&S STATISTICS (144-BQ64) 38,050.00
- 34) SEMIPARAMETRIC AND NONPARAMETRIC ESTIMATION OF  
STRUCTURAL MODELS  
FOR THE PERIOD 07-01-90 THROUGH 06-30-92  
AWARD # SES-9010881  
MSN L&S ECONOMICS (144-BQ70) 82,635.00
- 35) EFFECTS OF ELEVATED ATMOSPHERIC CARBON DIOXIDE ON  
PLANT-INSECT INTERACTIONS  
FOR THE PERIOD 06-15-90 THROUGH 05-31-91  
AWARD # BSR-8918586  
MSN AG&LSC ENTOMOLOGY (144-BQ77) 81,887.00
- 36) REU: MOLECULAR EVOLUTION AND ADAPTIVE RADIATION  
IN THE BROMELIAD GENUS BROCCCHINIA  
FOR THE PERIOD 03-01-90 THROUGH 02-28-91  
AWARD # BSR-8806520 MOD #1  
MSN L&S BOTANY (144-BQ87) 4,000.00
- 37) RESEARCH INITIATION AWARD: ADAPTIVE COMPENSATION  
OF IN-PROCESS SENSORS  
FOR THE PERIOD 06-01-90 THROUGH 05-31-92  
AWARD # DDM-9009908  
MSN ENGR MECHANICAL ENGR (144-BQ96) 70,000.00
- 38) RESEARCH INITIATION: IN SITU MEASUREMENT OF  
TRANSIENT POLYMER MELT TEMPERATURES VIA INFRARED  
PYROMETRY DURING INJECTION MOLDING  
FOR THE PERIOD 07-01-90 THROUGH 06-30-92  
AWARD # DDM-9011721  
MSN ENGR MECHANICAL ENGR (144-BR01) 61,500.00
- 39) INCENTIVES FOR EXCELLENCE SCHOLARSHIP PRIZE  
FOR THE PERIOD 06-12-90 THROUGH 06-11-91  
MSN L&S PHYSICS (144-BR03) 1,000.00
- 40) REU: MECHANISM OF ANTAGONISM OF OOMYCETE FUNGI  
BY BACILLUS CEREUS  
FOR THE PERIOD 07-01-90 THROUGH 06-30-91  
AWARD # DCB-8819401, MOD. 1  
MSN AG&LSC PLANT PATHOLOGY (144-BR19) 8,000.00
- 41) PRESIDENTIAL YOUNG INVESTIGATOR AWARD  
FOR THE PERIOD 07-01-87 THROUGH 12-31-91  
AT A TOTAL COST OF \$249,489.00  
AWARD # ECS-8657655, MOD. 6  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-Z295) 62,000.00
- 42) NOISE PROPERTIES AND TIME RESPONSE OF  
SUPERLATTICE AND CONVENTIONAL AVALANCHE  
PHOTODIODES  
FOR THE PERIOD 07-01-87 THROUGH 12-31-90  
AT A TOTAL COST OF \$257,400.00  
AWARD # EET-8615092, MOD. 2  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-Z721) 88,200.00

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50.	UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH BOULDER, CO PRIME CONTRACTOR WITH NSF UNIDATA BROADCAST FOR THE PERIOD 03-01-88 THROUGH 09-30-90 AT A TOTAL COST OF \$444,640.00 AWARD # ATM-8709659, MOD. 4 MSN GRAD SPACE SCI&ENG CT	(144-AM43)	119,000.00
51.	WI DEPT OF TRANSPORTATION MADISON, WI PRIME CONTRACTOR WITH TRANS TRANSPORTATION TECHNICAL TRANSFER CENTER FOR THE PERIOD 04-15-89 THROUGH 06-30-91 AWARD # ID-0681-32-05, MOD. 6 MSN ENGR ENGR PRFSNL DVLP	(144-BB75)	125,000.00
52.	VETERANS ADMIN MADISON, WI IN SUPPORT OF THE FOLLOWING:		
	1) INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT FOR THE PERIOD 10-01-89 THROUGH 09-30-90 AWARD # AGR DTD 05-14-90 MSN HS-MED SURGERY ORTHO SURG	(144-BQ33)	18,009.00
	2) INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT FOR THE PERIOD 10-01-89 THROUGH 09-30-90 AWARD # AGR DTD 05-14-90 MSN HS-MED SURGERY ORTHO SURG	(144-BQ35)	14,656.00
	3) INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT FOR THE PERIOD 10-01-89 THROUGH 09-30-90 AWARD # AGR DTD 05-14-90 MSN VET M SURGICAL SCI	(144-BQ36)	16,146.00
53.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI FACULTY START-UP FOR THE PERIOD 07-01-90 THRU 06-30-91 MSN GRAD ENGINEERING	(135-0030)	76,860.00
54.	ASGROW SEED COMPANY SUN PRAIRIE, WI DISEASE RESISTANCE BREEDING IN ONIONS MSN AG&LSC HORTICULTURE	(133-A103)	2,400.00
55.	CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	
	587.50 TOWN OF RANDOLPH CHARITIES CAMBRIA, WI		
	563.08 MULTIPLE DONORS		

1,150.58

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56.	MULTIPLE DONORS CANCER RESEARCH MSN HS-MED	(133-A251)	125.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENERGY STORAGE PROJECT MSN ENGR ENGR EXPER STA SUPERCONDT	(133-A797)	100,000.00
58.	MULTIPLE DONORS DEPARTMENT OF FORESTRY GENERAL RESEARCH FUND MSN AG&LSC N RSRCS-FORESTRY	(133-A872)	300.00
59.	FIELD CROP DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-B522)	
	3,000.00 AMERICAN CYANAMID COMPANY PRINCETON, NJ		
	750.00 MULTIPLE DONORS		
	700.00 ABI		
	650.00 SHAWNEE MISSION, KS GREEN GENES, INC.		
	400.00 DENNISON, MN MULTIPLE DONORS		
	1,050.00 PIONEER HI-BRED INTERNATIONAL, INC. JOHNSTON, IA		
	500.00 UPJOHN COMPANY KALAMAZOO, WI		
	1,500.00 CIBA-GEIGY CORPORATION GREENSBORO, NC		
			8,550.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY CHAIRMAN'S DISCRETIONARY ACCOUNT MSN HS-MED PSYCHIATRY	(133-C465)	2,906.00
61.	DORMAN-ROTH FOODS, INC. MONROE, WI STUDY OF THE EFFECTS OF YOGURT ON BREAD MSN AG&LSC FOOD SCIENCE	(133-C733)	9,000.00
62.	CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-C975)	
	6,000.00 ICI AMERICAS, INC. WILMINGTON, DE		
	2,000.00 AMERICAN CYANAMID COMPANY PRINCETON, NJ		
			8,000.00
63.	MULTIPLE DONORS LEUKEMIA IMMUNITY INVESTIGATION FUND MSN HS-MED PEDIATRICS	(133-DO16)	860.70

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64.	AMERICAN ACADEMY OF ALLERGY AND IMMUNOLOGY MILWAUKEE, WI ALLERGY RESEARCH MSN HS-MED MEDICINE	ALLRGY&IMM (133-D038)	3,000.00
65.	NELSON E. BALKE MADISON, WI PHYSIOLOGICAL ASPECTS OF WEED GROWTH AND CONTROL MSN AG&LSC AGRONOMY	(133-D044)	750.00
66.	PLANT BREEDING AND GENETICS OF VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-D117)	
	2,140.50	VLASIC FOODS, INC. FARMINGTON HILLS, MI	
	4,000.00	PICKLE PACKERS INTERNATIONAL, INC. ST. CHARLES, IL	
			6,140.50
67.	GROWTH REGULATORS - FRUIT CROPS MSN AG&LSC HORTICULTURE	(133-D127)	
	672.00	WISCONSIN BERRY GROWERS ASSOCIATION CHETEK, WI	
	5,496.00	OCEAN SPRAY CRANBERRIES, INC. LAKEVILLE-MIDDLEBORD, MA	
			6,168.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENVIROMENTAL RESEARCH RELATED TO FISHERIES AND AQUATIC SYSTEMS MSN L&S LIMNOLOGY CTR	(133-D190)	4,900.00
69.	VEGETABLE DISEASE RESEARCH MSN AG&LSC PLANT PATHOLOGY	(133-D374)	
	2,000.00	AGTROL CHEMICAL PRODUCTS HOUSTON, TX	
	1,500.00	MOBAY CORPORATION KANSAS CITY, MO	
	4,300.00	RHONE-POULENC AG COMPANY RESEARCH TRIANGLE PARK, NC	
	1,000.00	RHONE-POULENC AG COMPANY KALAMAZOO, MI	
	2,000.00	ATOCHEM NORTH AMERICA, INC. PHILADELPHIA, PA	
	3,500.00	AMERICAN CYANAMID COMPANY PRINCETON, NJ	
			14,300.00
70.	MAHYCO AMERICAN INC. ELK GROVE VILLAGE, IL SCREENING FOR DISEASE RESISTANCE OF VEGETABLES MSN AG&LSC PLANT PATHOLOGY	(133-D429)	2,000.00

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71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND EDUCATIONAL PROGRAMS IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-D448)	13,918.25
72.	SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	
	700.00 RORER PHARMACEUTICAL FORT WASHINGTON, PA		
	4,000.00 PFIZER INC. GROTON, CT		
	1,500.00 RORER PHARMACEUTICAL CORPORATION FORT WASHINGTON, PA		
	700.00 RORER PHARMACEUTICAL FORT WASHINGTON, PA		
			6,900.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JUVENILE DIABETES RESEARCH AND EDUCATION MSN HS-MED PEDIATRICS	(133-D512)	1,500.00
74.	ICI AMERICAS INC. WILMINGTON, DE ICI AMERICAS ANTI-ESTROGEN MSN HS-MED HUMAN ONCOLOGY	CLIN ONCOL (133-D589)	25,000.00
75.	MERITER HEALTH SERVICES, INC. MADISON, WI DEFRAY SALARY COST OF ASSISTANT SCIENTIST MSN HS-MED PEDIATRICS	(133-D678)	2,449.85
76.	UPJOHN COMPANY KALAMAZOO, MI INFECTIOUS DISEASE RESEARCH MSN HS-MED MEDICINE	INFECT DIS (133-D828)	1,000.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND FOR HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-D926)	50,000.00
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC MACHINES AND POWER ELECTRONICS ACCOUNT MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-E273)	150,000.00
79.	MULTIPLE DONORS DAIRY PRODUCTION RESEARCH MSN AG&LSC DAIRY SCIENCE	(133-E364)	250.00

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80.	UPJOHN COMPANY KALAMAZOO, MI CARDIOVASCULAR RESEARCH MSN HS-MED MEDICINE	CARDIOLOGY (133-E381)	500.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT STUDENT HOURLY HELP IN PROJECT RESEARCH INVOLVING THE COURTSHIP AND PARENTAL CARE INTERACTIONS IN FISHES MSN L&S ZOOLOGY	(133-E707)	1,000.00
82.	MULTIPLE DONORS ACUTE LEUKEMIA/BONE MARROW TRANSPLANTATION RESEARCH FUND MSN HS-MED MEDICINE	HEMATOLOGY (133-E923)	425.00
83.	MADISON LEUKEMIA COMMITTEE MADISON, WI PEDIATRICS HEMATOLOGY/ONCOLOGY PATIENT CARE MSN HS-MED PEDIATRICS	(133-E936)	920.00
84.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUSION FEASIBILITY STUDIES MSN ENGR ENGR EXPER STA	FUSION TEC (133-F328)	6,000.00
85.	MULTIPLE DONORS GENERAL FRUIT RESEARCH ACTIVITIES AT THE PENINSULAR STATION MSN AG&LSC PENINSLR RES STA	(133-F369)	300.00
86.	MINNESOTA MINING AND MANUFACTURING ST PAUL, MN 3M POLYMER RESEARCH MSN ENGR CHEMICAL ENGR	(133-F377)	10,000.00
87.	INSTITUTE OF FOOD TECHNOLOGISTS CHICAGO, IL GENERAL RESEARCH MSN AG&LSC FOOD SCIENCE	(133-F506)	2,500.00
88.	NELSON INDUSTRIES, INC. STOUGHTON, WI ELECTROACOUSTICS RESEARCH MSN ENGR ELEC & COM ENGR	ELEC&COMP (133-F648)	189,000.00
89.	EASTERN ARTIFICIAL INSEMINATION COOPERATIVE ITHACY, NY MECHANISMS OF VIRAL PATHOGENESIS MSN VET M PATHOBIOLOGCL SCI	(133-F663)	3,050.00
90.	GENERAL PICKLE RESEARCH MSN AG&LSC HORTICULTURE	(133-F938)	
	960.00	MULTIPLE DONORS	
	2,400.00	PICKLE PACKERS INTERNATIONAL, INC. ST. CHARLES, IL	
	384.00	MULTIPLE DONORS	
	1,440.00	PICKLE PACKERS INTERNATIONAL ST. CHARLES, IL	
	384.00	MULTIPLE DONORS	
	192.00	MULTIPLE DONORS	
	528.00	NORTHRUP KING COMPANY GILROY, CA	

6,288.00

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91.	MICROBIOLOGICAL ASSOCIATES, INC. BETHESDA, MD DROSOPHILA SLRL STUDIES MSN L&S ZOOLOGY	(133-G367)	23,774.00
92.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	4,099.80
93.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI COGNITIVE RETRAINING PROGRAM MSN HS-MED NEUROLOGY	(133-G805)	6,527.25
94.	UPJOHN COMPANY KALAMAZOO, MI CENTER FOR AFFECTIVE DISORDERS MSN HS-MED PSYCHIATRY	(133-G986)	3,500.00
95.	MULTIPLE DONORS LIVER DISEASE RESEARCH FUND MSN HS-MED SURGERY                      GEN SURG	(133-H083)	155.00
96.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA CORIUM-CONCRETE INTERACTIONS IN STRATIFIED GEOMETRY FOR THE PERIOD 06-27-84 THRU 03-31-91 AT A \$365,458 LEVEL AWARD # RP 1931-5, RP 2636-5 MSN ENGR    NUC ENGR&E PHYSC	(133-H267)	63,178.00
97.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUSION TECHNOLOGY RESEARCH MSN ENGR    ENGR EXPER STA    FUSION TEC	(133-H388)	12,000.00
98.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER PROFESSORSHIP IN NUCLEAR ENGINEERING MSN ENGR    NUC ENGR&E PHYSC	(133-H502)	6,000.00
99.	NATIONAL FOUNDATION FOR CANCER RESEARCH BETHESDA, MD ESTROGEN AND ANTIESTROGEN INTERACTION WITH NORMAL AND CANCER TISSUE FOR THE PERIOD 10-01-84 THRU 09-30-91 MSN AG&LSC BIOCHEMISTRY	(133-H504)	50,000.00
100.	NATIONAL FOUNDATION FOR CANCER RESEARCH BETHESDA, MD VITAMIN D ANALOGS AS ANTI-LEUKEMIA AGENTS/ BIOCHEMICAL BASIS OF CHEMICAL CARCINOGENESIS FOR THE PERIOD 10-01-84 THRU 09-30-91 AT A 349,995 LEVEL MSN AG&LSC BIOCHEMISTRY	(133-H505)	50,000.00



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101.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLYMERIZATION REACTION ENGINEERING MSN ENGR    CHEMICAL ENGR	(133-H740)	130,000.00
102.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI RADIOLOGY SERVICES MSN HS-MED RADIOLOGY	(133-H856)	6,122.50
103.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI THIN FILM DEPOSITION AND APPLICATIONS PROGRAMS MSN ENGR    ENGR EXPER STA    MATERLS SC	(133-H916)	6,000.00
104.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FATIGUE RESEARCH MSN ENGR    ENGR MECHANICS	(133-J102)	12,350.00
105.	POTASH & PHOSPHAE INSTITUTE MONTICELLO, IL SOIL COMPACTION AND PLANT NUTRIENT INTERACTION MSN AG&LSC SOIL SCIENCE	(133-J150)	4,000.00
106.	AMERICAN RED CROSS MADISON, WI COAGULATION AND IMMUNOLOGY RESEARCH MSN HS-MED MEDICINE                    HEMATOLOGY	(133-J394)	7,000.00
107.	MULTIPLE DONORS WEED RESEARCH MSN AG&LSC HORTICULTURE	(133-J401)	480.00
108.	ZU-RHEIN (DR. GABRIELE M.) MADISON, WI ELECTRON MICROSCOPY AND IMMUNOCYTOCHEMISTRY OF BRAIN TUMORS MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-J601)	340.00
109.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY AND DYNAMICS OF SUSPENSION: MATCHING FUNDS FOR NSF-PRESIDENTIAL YOUNG INVESTIGATORS AWARD MSN ENGR    CHEMICAL ENGR	(133-J762)	3,000.00
110.	LILLY (ELI) AND COMPANY INDIANAPOLIS, IN FLUOXETINE DOSE ESCALATION IN MDD "CLIN" AWARD # CLIN MSN HS-PSY PSYCHIATRIC INST	(133-J878)	81,494.56
111.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARNITINE PALMITOYL TAURINE STUDIES MSN HS-MED MEDICINE                    CARDIOLOGY	(133-J910)	25,000.00

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112.	MULTIPLE DONORS CRUCIFER GENETICS COOPERATIVE MSN AG&LSC PLANT PATHOLOGY	(133-J959)	3,275.07
113.	PFIZER, INC. GROTON, CT SUPPORT FOR GRADUATE STUDENTS MSN HS-PHR PHARMACY	(133-K224)	12,000.00
114.	UNRESTRICTED GRANT IN SUPPORT OF RESEARCH ON DISEASE MANAGEMENT IN WISCONSIN FRUIT CROPS MSN AG&LSC PLANT PATHOLOGY	(133-K284)	
	750.00 MOBAY CORPORATION KANSAS CITY, MO		
	1,000.00 CIBA-GEIGY CORPORATION GREENSBORO, NC		
	6,000.00 RHONE-POULENC AG COMPANY RESEARCH TRIANGLE PARK, NC		
	3,750.00 PENWALT AGCHEM PHILADELPHIA, PA		
			11,500.00
115.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIABETIC RETINAL RESEARCH FUND MSN HS-MED OPHTHALMOLOGY	(133-K318)	4,000.00
116.	WISCONSIN MINT BOARD, INC. MADISON, WI IMPROVEMENT OF THE WISCONSIN MINT OIL INDUSTRY MSN AG&LSC RESEARCH DIV	(133-K404)	23,500.00
117.	WALLACE LABORATORIES CRANBURY, NJ PLACEBO-CONTROLLED COMPARISON OF THE EFFECTIVENESS AND SAFETY OF AZELASTINE, CONTROLLED RELEASE THEOPHYLLINE AND COMBINED AZELASTINE-THEOPHYLLINE THERAPY IN THE MANAGEMENT OF PATIENTS WITH NONSTERIOD DEPENDENT BRONCHIAL ASTHMA "CLIN" AWARD # CLIN MSN HS-MED MEDICINE	ALLRGY&IMM (133-K437)	34,087.38
118.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WELDING RESEARCH MSN ENGR MAT SCI & ENGR	(133-K556)	7,500.00
119.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION FOR THE DEVELOPMENT OF NEW PROCESSES MSN ENGR CHEMICAL ENGR	(133-K659)	1,200.00

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120.	GENETIC VISIONS, INC. MADISON, WI PROBING FOR GENETIC MARKERS IN BULL SEMEN MSN AG&LSC DAIRY SCIENCE (133-K829)	1,200.00
121.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WOOD AND POLYMER COMPOSITE MATERIALS RESEARCH MSN ENGR CHEMICAL ENGR (133-K849)	28,000.00
122.	CIBA-GEIGY CORPORATION SUMMIT, NJ ANXIETY DISORDERS CENTER "CLIN" AWARD # CLIN MSN HS-PSY PSYCHIATRIC INST (133-K955)	11,700.00
123.	STUART PHARMACEUTICALS WILMINGTON, DE TOXICITY STUDY OF TAMOXIFEN IN POSTMENOPAUSAL WOMEN WITH STAGE I BREAST CANCER-STATISTICAL ANALYSIS "CLIN" MSN HS-MED CANCER CTR BIOMETRICS (133-LO03)	15,587.00
124.	STUART PHARMACEUTICALS WILMINGTON, DE A TOXICITY STUDY OF TAMOXIFEN IN POSTMENOPAUSAL WOMEN WITH STAGE I BREAST CANCER "CLIN" MSN HS-MED HUMAN ONCOLOGY CAN C-BIOM (133-LO05)	25,840.00
125.	HOFFMANN-LA ROCHE, INC. NUTLEY, NJ INTERRUPTION OF NATURALLY TRANSMITTED RHINOVIRUS COLDS BY USE OF ROCHE VITAMIN C "CLIN" MSN HS-MED PREVENTIVE MED (133-L044)	25,000.00
126.	STUART PHARMACEUTICALS WILMINGTON, DE STUART ALDOSE REDUCTASE INHIBITOR TRIAL: NEUROPATHY, CATARACT, MACULAR EDEMA AND RETINOPATHY "CLIN" AWARD # CLIN MSN HS-MED OPHTHALMOLOGY (133-L251)	7,300.00
127.	MULTIPLE DONORS WISCONSIN PROJECT ON NUCLEAR ARMS CONTROL MSN LAW LAW SCHOOL (133-L291)	5.00
128.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELECTRONICS PACKAGING INTERCONNECTION PROGRAM (EPIP) MSN ENGR ENGR MECHANICS (133-L386)	27,000.00
129.	TEKRA CORPORATION NEW BERLIN, WI KNOWLEDGE-BASED SCHEDULING SYSTEMS MSN ENGR INDUSTRIAL ENGR (133-L417)	2,000.00

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130.	MILWAUKEE METROPOLITAN SEWERAGE DISTRICT MILWAUKEE, WI AGRONOMIC TESTS ON DRIED SLUDGE PRODUCTS AWARD # 03933 2222 MSN AG&LSC SOIL SCIENCE	(133-L546)	6,450.00
131.	ALFALFA RESEARCH MSN AG&LSC AGRONOMY	(133-L700)	
	2,100.00 DAIRYLAND SEED COMPANY, INC. WEST BEND, WI		
	900.00 PIONEER HI-BRED INTERNATIONAL, INC. JOHNSTON, IA		
	900.00 AGRIPRO SEEDS SHAWNEE MISSION, KS		
	1,000.00 NORTHRUP KING MINNEAPOLIS, MN		
	1,200.00 W-L RESEARCH, INC. EVANSVILLE, WI		
			6,100.00
132.	ANONYMOUS DONOR MECHANICS OF HUMAN MOTION MSN EDUC PHYS ED & DANCE PHYS EDUC	(133-L753)	15,500.00
133.	CUCUMBER BREEDING MSN AG&LSC HORTICULTURE	(133-L808)	
	2,000.00 HARRIS MORAN SEED COMPANY HAYWARD, CA		
	2,000.00 NORTHRUP KING COMPANY NAPLES, FL		
	2,000.00 ASGROW SEED COMPANY TIFTON, GA		
			6,000.00
134.	ENIMONT AMERICA, INC. MONMOUTH JUNCTION, NJ NITROGEN FERTILIZER RESEARCH MSN AG&LSC SOIL SCIENCE	(133-L809)	3,000.00
135.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SURGICAL SCIENCE RESEARCH MODULE MSN HS-MED SURGERY	(133-L822)	10,000.00
136.	PROCTER & GAMBLE COMPANY CINCINNATI, OH INTERFACIAL BEHAVIORS OF PROTEINS MSN L&S CHEMISTRY	(133-M051)	30,000.00
137.	HURON MOUNTAIN WILDLIFE FOUNDATION CHICAGO, IL HURON MOUNTAINS RESEARCH MSN L&S GEOL & GEOPHYSCS	(133-M199)	2,500.00

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138.	CLINICAL RESEARCH INTERNATIONAL, INC. RESEARCH TRIANGLE PARK, NC LOVASTATIN DOSE-RANGING MULTICENTER STUDY IN PATIENTS WITH TYPE II HYPERCHOLESTEROLEMIA, TOTAL CHOLESTEROL 240-300 MG/DL WITH OR WITHOUT OTHER RISK FACTORS AND WITH OR WITHOUT EVIDENCE OF CORONARY ARTERY DISEASE "CLIN" AWARD # CRI 022 CLIN MSN HS-MED MEDICINE	CARDIOLOGY (133-M245)	1,600.00
139.	CLINICAL RESEARCH INTERNATIONAL, INC. RESEARCH TRIANGLE PARK, NC LOVASTATIN DOSE RANGING MULTICENTER TRIAL "CLIN" AWARD # CRI 022 MSN HS-MED MEDICINE	CARDIOLOGY (133-M246)	1,600.00
140.	HOECHST-ROUSSEL PHARMACEUTICALS INC. SOMERVILLE, NJ ENDOCRINE PATIENT CARE, TEACHING, AND RESEARCH FUND AWARD # HOE 766 MSN HS-MED PEDIATRICS	(133-M301)	1,000.00
141.	DUCTILE IRON SOLIDIFICATION RESEARCH MSN ENGR MAT SCI & ENGR	(133-M344)	
	13,000.00 GREDE FOUNDRIES INC. MILWAUKEE, WI		
	13,000.00 JOHN DEERE FOUNDRY EAST MOLINE, IL		
			26,000.00
142.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH & DEVELOPMENT FUND FOR THE DEPARTMENT OF SURGERY - PERFUSION SERVICES MSN HS-MED SURGERY	(133-M394)	4,000.00
143.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN HUMATROPE AND LOW DOSE ESTROGEN IN TURNER'S SYNDROME "CLIN" AWARD # 13783D MSN HS-MED PEDIATRICS	(133-M479)	3,045.28
144.	RHONE-POULENC AG COMPANY RESEARCH TRIANGLE PARK, NC CONDUCT RESEARCH ON SOIL-BORNE PLANT PATHOGENS WHICH INCLUDE CELERY, GINSENG, PEAS, BEANS AND CRUCIFERS MSN AG&LSC PLANT PATHOLOGY	(133-M707)	3,000.00
145.	PFIZER, INC. NEW YORK, NY AN EIGHT WEEK DOUBLE BLIND NIFEDIPINE GITS STUDY IN PATIENTS WITH CHRONIC STABLE ANGINA PECTORIS MAINTAINED ON BETA BLOCKER THERAPY "CLIN" AWARD # 86-N-O129CLIN MSN HS-MED MEDICINE	CARDIOLOGY (133-M727)	6,000.00

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146.	ARTHRITIS FOUNDATION ATLANTA, GEORGIA ARTHRITIS INVESTIGATOR AWARD FOR THE PERIOD 07-01-88 THROUGH 06-30-91 MSN L&S CHEMISTRY (133-M751)	39,000.00
147.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT FOR AGING RESEARCH MSN HS-MED MEDICINE GER-AD DEV (133-M811)	15,000.00
148.	RHONE-POULENC AG COMPANY RESEARCH TRIANGLE PARK, NC ACIFLUORFEN-SODIUM FIELD DISSIPATION AND GROUNDWATER STUDY MSN AG&LSC ENTOMOLOGY (133-M833)	3,500.00
149.	WISC DEPT OF TRANSPORTATION MADISON, WI RIGHT-OF-WAY PLANTINGS FOR THE PERIOD 04-28-88 THRU 12-31-91 AWARD # 0072-01-03 MSN AG&LSC NR-LANDSCAP ARCH (133-M954)	64,291.00
150.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BADGER CHEMIST FUND MSN L&S CHEMISTRY (133-NO03)	1,000.00
151.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI QUANTITATIVE SENSORY LAB OPERATING ACCOUNT MSN HS-MED NEUROLOGY (133-NO15)	2,035.32
152.	SQUIBB (E.R.) & SONS PRINCETON, NJ EVALUATION OF THE SAFETY AND EFFICACY OF FOSINOPRIL SODIUM IN PATIENTS WITH MODERATELY SEVERE CHRONIC HEART FAILURE "CLIN" AWARD # CLIN MSN HS-MED MEDICINE CARDIOLOGY (133-NO82)	26,233.60
153.	AMERICAN DIABETES ASSOCIATION WISCONSIN AFFILIATE, INC. MILWAUKEE, WI THE EFFECT OF ANGIOTENSION CONVERTING ENZYME INHIBITORS ON RETINAL BLOOD FLOW FOR THE PERIOD 07-01-88 THRU 12-31-89 (REDUCTION REFLECTS REDUCED SCOPE OF WORK) MSN HS-MED OPHTHALMOLOGY (133-NO88)	3,320.00-
154.	MODELING, ANALYSIS AND PERTURBATION ANALYSIS OF MANUFACTURING AND DISCRETE EVENT SYSTEMS MSN ENGR INDUSTRIAL ENGR (133-NO91)	
	1,000.00 INGERSOLL MILLING MACHINE COMPANY ROCKFORD, IL	
	1,000.00 ALLEN-BRADLEY MILWAUKEE, WI	
	1,000.00 CUSTOM MACHINERY DESIGN APPLETON, WI	
	1,000.00 ENKEL CORPORATION ROCKFORD, IL	

4,000.00

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155.	MERRELL DOW RESEARCH INSTITUTE CINCINNATI, OH LONG TERM MDL 17043 TREATMENT OF CONGESTIVE HEART FAILURE PATIENTS FOLLOWING THEIR PARTICIPATION IN CONTROL STUDIES "CLIN" AWARD # CLIN MSN HS-MED MEDICINE	CARDIOLOGY	(133-N157)	31,364.00
156.	NIOBIUM PRODUCTS COMPANY INC. PITTSBURGH, PA NIOBIUM IN WHITE CAST IRON MSN ENGR MAT SCI & ENGR		(133-N177)	10,000.00
157.	CONVERSION OF MADNMR MSN AG&LSC BIOCHEMISTRY		(133-N208)	
	500.00	UNIVERSITY OF NEW SOUTH WALES AUSTRALIA		
	600.00	UNIVERSITY OF MINNESOTA ST. PAUL, MN		
				1,100.00
158.	UPJOHN COMPANY KALAMAZOO, MI COLLABORATIVE FLEXIBLE-DOSE STUDY OF THE EFFICACY AND SAFETY OF DERACYN-SR TABLETS IN PANIC DISORDER WITH AGORAPHOBIA "CLIN" AWARD # CLIN MSN HS-PSY PSYCHIATRIC INST		(133-N247)	9,448.00
159.	GLAXO INC. RESEARCH TRIANGLE PARK, NC A DOUBLE-BLIND, PLACEBO-CONTROLLED EFFICACY AND SAFETY PROFILE OF SUPPLEMENTAL ONCE DAILY DOSING WITH VOLMAX TABLETS IN PATIENTS 12 YEARS OR OLDER WITH NOCTURNAL ASTHMA "CLIN" AWARD # CLIN MSN HS-MED MEDICINE	ALLRGY&IMM	(133-N262)	22,788.00
160.	CALIFORNIA FRESH CARROT ADVISORY BOARD DINDUBA, CA VEGETABLE RESEARCH FOR THE PERIOD 04-01-88 THRU 03-31-91 AWARD # SIM-88 MSN AG&LSC HORTICULTURE		(133-N328)	16,100.00
161.	SCHERING-PLOUGH KENILWORTH, NJ PHASE 11/111 TRIAL OF RECOMBINANT GRANULOCYTE MACRONPHAGE-COLONY STIMULATING FACTOR IN PATIENTS WITH EXTENSIVE STAGE SMALL CELL CARCINOMA OF THE LUNG "CLIN" AWARD # CLIN MSN HS-MED HUMAN ONCOLOGY	IMMUNOLOGY	(133-N386)	11,393.75

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162.	DENSE-PAC MICROSYSTEMS, INC. GARDEN GROVE, CA MANAGEMENT ENGINEERING SYSTEMS AND INTERNATIONAL MARKETING MSN BUS SCH OF BUSINESS (133-N551)	3,808.00
163.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ SAFETY, TOLERABILITY AND EFFICACY OF MK 906 IN PATIENTS WITH BENIGN PROSTATIC HYPERPLASIA "CLIN" MSN HS-MED SURGERY UROLOGY (133-N664)	50,703.00
164.	ROCKEFELLER FOUNDATION NEW YORK, NY SUMMER INSTITUTE OF AFRICAN AGRICULTURAL RESEARCH FOR THE PERIOD 12-01-88 THRU 11-30-90 AWARD # RF88088 MSN AG&LSC INTL AG PRGS-ADM (133-N719)	95,000.00
165.	AMERICAN CYANAMID COMPANY PRINCETON, NJ CHEMICAL STORAGE FACILITIES RESEARCH MSN AG&LSC AG ENGINEERING (133-N731)	750.00
166.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WCSAR ASTRO FUEL MSN ENGR ENGR EXPER STA SPAC COMM (133-N734)	8,000.00
167.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HISTORY OF CARTOGRAPHY MSN L&S GEOGRAPHY (133-N780)	12,804.00
168.	KEELER INSTRUMENTS, INC. BROOMALL, PA EVALUATION OF KEELER PULSAIR PHEUMOTONOMETER AND KEELER HENSON CFS 2000 PERIMETER MSN HS-MED OPHTHALMOLOGY (133-N842)	19,966.00
169.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL MOTORS NEW FACUTLY GRANT MSN ENGR (133-N930)	15,000.00
170.	BONE CARE INTERNATIONAL, INC. MADISON, WI BONE CARE FUND MSN AG&LSC BIOCHEMISTRY (133-N990)	1,731.87
171.	NATIONAL WILD TURKEY FEDERATION, INC. EDGEFIELD, SC DEVELOPMENT OF A MYCOPLASMA GALLISEPTICUM (MG) LATEX AGGLUTINATION (LA) TEST FOR FIELD SEROLOGIC DIAGNOSIS FOR THE PERIOD 03-09-89 THRU 03-09-91 MSN VET M PATHOBIOLOGCL SCI (133-PO44)	8,150.00



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172.	MULTIPLE DONORS DERMATOLOGY EXPENSE & RESEARCH MANAGEMENT MSN HS-MED MEDICINE	DERMATOLGY (133-PO75)	200.00
173.	PICKLE SEED RESEARCH FOUNDATION ST. CHARLES, IL VEGETABLE & FRUIT RESEARCH MSN AG&LSC HORTICULTURE	(133-P139)	960.00
174.	CUCUMBER RFLP PROJECT MSN AG&LSC HORTICULTURE	(133-P140)	
	3,840.00	NICKERSON-ZWAAN B.V. HOLLAND	
	3,840.00	PETOSEED COMPANY, INC. WOODLAND, CA	
	3,840.00	NUNHEMS ZADEN B.V. NETHERLANDS	
			11,520.00
175.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COMPOSITION AND STRUCTURE OF MACROMOLECULAR ASSEMBLIES OF B-AMYLOID AND A1-ANTI-CHYMOTOTYPSIN MSN ENGR CHEMICAL ENGR	(133-P191)	20,000.00
176.	CULHAM LABORATORY UNITED KINGDOM ATOMIC ENERGY AUTHORITY ABINGDON, OXFORDSHIRE, UNITED KINGDOM POSTDOCTORAL RESEARCHER ASSIGNMENT FOR THE PERIOD 04-28-89 THRU 06-30-90 AWARD # AGREEMENT MH 13345 MSN ENGR NUC ENGR&E PHYSIC	(133-P195)	8,004.00
177.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ ECOLOGY AND ISOLATION OF SOIL ACTINOMYCETES MSN AG&LSC BACTERIOLOGY	(133-P263)	31,500.00
178.	BOEHRINGER INGELHEIM LTD. RIDGEFIELD, CT OPEN LABEL STUDY TO ASSESS THE SAFETY OF PIMOBENDAN DURING LONG-TERM TREATMENT IN PATIENTS WITH CONGESTIVE HEART FAILURE "CLIN" AWARD # CLIN MSN HS-MED MEDICINE	CARDIOLOGY (133-P270)	6,463.00
179.	STERLING DRUG, INC. MALVERN, PA RESEARCH IN ORGAN PRESERVATION MSN HS-MED SURGERY	GEN SURG (133-P343)	10,000.00
180.	LIST BIOLOGICAL LABORATORIES, INC. CAMPBELL, CA INFLAMMATORY BOWEL DISEASE: ROLE OF M. PARATUBERCULOSIS MSN VET M PATHOBIOLOGCL SCI	(133-P392)	4,000.00

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181.	GLAXO, INC. RESEARCH TRIANGLE PARK, NC A RANDOMIZED, DOUBLE-BLIND COMPARATIVE TRIAL OF THREE DOSAGE REGIMENS OF INHALED FLUTICASONE PROPIONATE VS. PLACEBO IN ADULT PATIENTS WITH ASTHMA "CLIN" AWARD # CLIN MSN HS-MED MEDICINE	ALLRGY&IMM (133-P413)	26,720.00
182.	XOMA CORPORATION BERKELEY, CA THERAPY OF STAGE 111 METASTATIC MELANOMA USING REPEATED COURSES OF MURINE MONOCLONAL ANTIMELANOMA ANTIBODY-RICIN A CHAIN (XMMME-001-TRA), WITH SUPPRESSION OF PATIENT'S IMMUNE RESPONSE TO XMMME-001-RTA "CLIN" AWARD # 81112 P1/2 CY2 CLIN MSN HS-MED HUMAN ONCOLOGY	IMMUNDOLOGY (133-P511)	3,000.00
183.	RADIATION MEASUREMENTS, INC. MIDDLETON, WI SALARY SUPPORT OF GRADUATE ASSISTANT MSN HS-MED MEDICAL PHYSICS	(133-P541)	3,387.00
184.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI EFFECT OF SOIL TYPE, SELECTED BEST MANAGEMENT PRACTICES, AND TILLAGE ON ATRAZINE AND ALACHLOR MOVEMENT THRU UNSATURATED ZONE: MODEL CALIBRATION AND VALIDATION FOR THE PERIOD 07-01-89 THRU 06-30-91, PESTICIDE RESEARCH CONTRACT #89-03 AWARD # P.O.# AGI 6419/AGJ6680 MSN AG&LSC SOIL SCIENCE	(133-P568)	39,000.00
185.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI DESIGN OF A SMALL SCALE TRANSPORTABLE PESTICIDE MIXING/LOAD SYSTEM FOR THE PERIOD 07-01-89 THRU 06-30-91 PESTICIDE RESEARCH CONTRACT #89-02 AWARD # P.O.#AGI 6418/AGJ 6681 MSN AG&LSC AG ENGINEERING	(133-P569)	21,500.00
186.	XOMA CORPORATION BERKELEY, CA XOMEN E5 IN PORCINE MODELS OF ENDOTOXEMIA AND BACTEREMIA "CLIN" AWARD # CLIN MSN HS-MED MEDICINE	PULMON MED (133-P580)	47,718.00
187.	ICI AMERICAS, INC. WILMOT, WI FRUIT RESEARCH MSN AG&LSC HORTICULTURE	(133-P585)	480.00

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188.	PICKLE SEED RESEARCH FOUNDATION ST. CHARLES, IL MOLECULAR TAGGING OF VIRUS RESISTANCE GENES FOR BREEDING OF MULTIPLE-VIRUS RESISTANT PICKLING CUCUMBER MSN AG&LSC HORTICULTURE	(133-P588)	13,400.00
189.	GENENTECH, INC. SOUTH SAN FRANCISCO, CA TREATMENT OF CHILDREN DEMONSTRATING SUBNORMAL GROWTH WITH HGH (PROTROPIN) "CLIN" AWARD # CLIN MSN HS-MED PEDIATRICS	(133-P612)	1,200.00
190.	SMITH AND NEPHEW MEDICAL LIMITED HULL, ENGLAND PROSPECTIVE STUDY OF FOUR DRESSING REGIMENS FOR PREVENTION OF INFECTION WITH PULMONARY ARTERY CATHETERS "CLIN" AWARD # CLIN MSN HS-MED MEDICINE	INFECT DIS (133-P649)	10,500.00
191.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN PHASE II SULFONYLUREA/LILLY B9W MC JGAJ "CLIN" AWARD # CLIN MSN HS-MED HUMAN ONCOLOGY	CLIN ONCOL (133-P659)	12,449.00
192.	XOMA CORPORATION BERKELEY, CA DOUBLE BLIND PLACEBO CONTROLLED GROUP COMPARATIVE STUDY OF THE SAFETY AND EFFICACY OF XOMEN E5 IN PATIENTS WITH GRAM NEGATIVE SEPSIS "CLIN" AWARD # CLIN MSN HS-MED MEDICINE	PULMON MED (133-P699)	6,870.00
193.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DETERMINANTS OF HUMAN DIAPHRAGMATIC FATIGUE MSN HS-MED PREVENTIVE MED	(133-P743)	5,000.00
194.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POST INSULT ENERGY FAILURE IN THE HYPOXIC BRAIN MSN HS-MED NEURO SURG	NUERO SURG (133-P744)	19,759.00
195.	CRITICARE SYSTEMS, INC. MILWAUKEE, WI EVALUATION OF CRITICARE VOLATILE ANESTHETIC RESPIRATORY MONITOR "CLIN" AWARD # CLIN MSN HS-MED ANESTHESIOLOGY	(133-P777)	7,576.00
196.	CHIRON OPHTHALMICS INCORPORATED IRVINE, CA RANDOMIZED DOUBLE-MASKED PLACEBO-CONTROLLED STUDY TO EVALUATE THE SAFETY AND EFFICACY OF FIBRONECTIN OPHTHALMIC SOLUTION IN PATIENTS WITH KERATOCONJUNCTIVITIS SICCA "CLIN" MSN HS-MED OPHTHALMOLOGY	(133-P836)	1,250.00

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197.	ARROW INTERNATIONAL, INC. READING, PA PROSPECTIVE STUDY OF A NOVEL ANTISEPTIC-COATED CATHETER FOR PREVENTION OF IV CENTRAL VENOUS CATHETER-RELATED INFECTION "CLIN" MSN HS-MED MEDICINE                      INFECT DIS    (133-P844)	32,000.00
198.	MARION LABORATORIES, INC. KANSAS CITY, MO DOSE RESPONSE EVALUATION OF DILTIAZEM QD SUSTAINED RELEASE VERSUS PLACEBO IN PATIENTS WITH CHRONIC STABLE ANGINA PECTORIS "CLIN" AWARD # CLIN MSN HS-MED MEDICINE                      CARDIOLOGY    (133-P848)	15,210.00
199.	ROBERT E. ROWLANDS MADISON, WI HYBRID COMPUTATIONAL MECHANICS MSN ENGR    ENGR MECHANICS                      (133-P885)	1,000.00
200.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ A DOUBLE-BLIND RANDOMIZED PLACEBO-CONTROLLED THREE PERIOD CROSSOVER STUDY TO EVALUATE THE BRONCHODILATING EFFECTS OF MK-571 OVER 76 HOURS IN PATIENTS WITH MILD TO MODERATE ASTHMA "CLIN" AWARD # CLIN MSN HS-MED MEDICINE                      ALLRGY&IMM    (133-P888)	54,945.60
201.	MULTIPLE DONORS RESEARCH IN THE FIELD OF AIDS IN THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE                      RHEUMATOL    (133-P889)	150.00
202.	AMERICAN INSTITUTE FOR RESEARCH IN THE BEHAVIORAL SCIENCES WASHINGTON, DC BABY BOOM COHORT AT MIDLIFE FOR THE PERIOD 07-15-89 THRU 12-31-90 MSN GRAD    INST-AGING&ADULT                      (133-P938)	27,107.00
203.	HOFFMANN-LAROCHE, INC. NUTLEY, NJ FLEROXACIN STUDY AWARD # CLIN MSN HS-UHS HEALTH SVC-BBC                      (133-P993)	18,192.00
204.	SANDOZ RESEARCH INSTITUTE EAST HANOVER, NJ A STUDY TO COMPARE THE EFFECTS OF SPIRAPRIL AND ENALAPRIL ON SPIROMETRY AND METHACHOLINE CHALLENGE STATUS IN HYPERTENSIVE AND NORMOTENSIVE PATIENTS "CLIN" AWARD # CLIN MSN HS-MED MEDICINE                      ALLRGY&IMM    (133-Q040)	9,744.00

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205.	TRIUMF VANCOUVER, BC MODELLING OF RADIOPHARMACEUTICALS FOR PET STUDIES MSN HS-MED MEDICAL PHYSICS (133-Q086)	8,472.00
206.	INDUSTRIAL RELATIONS RESEARCH ASSOCIATION MADISON, WI IRRI/IRRA ASSOCIATE EDITOR FOR THE PERIOD 12-01-89 THRU 06-30-91 MSN L&S IND REL RES INST (133-Q111)	14,105.00
207.	CHICAGO COLLEGE OF OSTEOPATHIC MEDICINE CHICAGO, IL MITOCHONDRIAL STUDIES ON DIABETIC RATS MSN HS-MED NEUROLOGY (133-Q189)	7,500.00
208.	MULTIPLE DONORS CIAS DEVELOPMENT ACCOUNT MSN AG&LSC C I A S (133-Q198)	150.00
209.	JOHN DEERE OTTUMWA WORKS OTTUMWA, IA INNOVATIVE FORAGE HARVESTING SYSTEMS RESEARCH MSN AG&LSC AG ENGINEERING (133-Q199)	2,500.00
210.	EXTREL CORPORATION PITTSBURGH, PA DEVELOPMENT OF A LOW-FIELD FOURIER TRANSFORM ION CYCLOTRON RESONANCE MASS SPECTROMETER MSN L&S CHEMISTRY (133-Q222)	1,376.90
211.	ICI AMERICAS INC. WILMINGTON, DC EFFECT OF 6 WEEKS THERAPY WITH ORAL ICI 204,219 ON BRONCHIAL ASTHMA "CLIN" AWARD # CLIN MSN HS-MED MEDICINE ALLRGY&IMM (133-Q229)	4,416.00
212.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NSF PYI MATCHING FUNDS MSN ENGR ELEC & COM ENGR ELEC&COMP (133-Q294)	10,000.00
213.	MERRELL DOW PHARMACEUTICALS CINCINNATI, OH SUPPORT OF EPIDEMIOLOGIC RESEARCH IN SMOKING CESSATION MSN HS-MED MEDICINE GEN INT MD (133-Q330)	500.00
214.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 01-02-90 THRU 08-26-90 AWARD # 90-11 UTLEY MSN ENV ST INSTRUCTNL PRG INSTR PRG (133-Q341)	3,364.00

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215.	CLINICAL PROTOCOL ASSOCIATES, INC. FORT LEE, NJ BETAXOLOL VS PLACEBO IN THE TREATMENT OF STABLE ANGINA PECTORIS "CLIN" AWARD # CLIN MSN HS-MED MEDICINE	CARDIOLOGY	(133-Q359)	27,904.00
216.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S	PSYCHOLOGY	(133-Q364)	17,525.00
217.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S	COMMUN ARTS	(133-Q365)	17,375.00
218.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S	ECONOMICS	(133-Q366)	20,650.00
219.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S	POLITICAL SCI	(133-Q367)	16,584.00
220.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S	JOURN & MASS COM	(133-Q368)	15,618.00
221.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S	AFRO-AM STUDIES	(133-Q369)	19,114.00
222.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S	GEOGRAPHY	(133-Q370)	18,927.00
223.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S	ANTHROPOLOGY	(133-Q371)	15,086.00

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224.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN BUS SCH OF BUSINESS	(133-Q372)	19,112.14
225.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN EDUC EDUC PSYCHOLOGY	(133-Q373)	18,808.10
226.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S CLASSICS	(133-Q374)	15,866.00
227.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S PHILOSOPHY	(133-Q375)	15,858.00
228.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S COMMUN ARTS	(133-Q376)	15,526.00
229.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S PHILOSOPHY	(133-Q377)	15,636.00
230.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S SO ASIAN STUDIES	(133-Q378)	19,013.00
231.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S AFRO-AM STUDIES	(133-Q379)	16,094.00
232.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S SLAVIC LANGUAGES	(133-Q380)	14,615.00
233.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S ENGLISH	(133-Q381)	17,027.00

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234.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (SECOND YEAR) FOR THE YEAR 7/1/90 THRU 6/30/91 MSN EDUC ART	(133-Q382)	20,606.63
235.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE YEAR 7/1/90 THRU 6/30/91 MSN EDUC ART	(133-Q384)	15,468.41
236.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN EDUC EDUC PSYCHOLOGY	(133-Q385)	15,833.06
237.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S PSYCHOLOGY	(133-Q387)	16,589.00
238.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S SCHOOL OF MUSIC	(133-Q389)	13,622.00
239.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S HISTORY	(133-Q390)	14,956.00
240.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S ANTHROPOLOGY	(133-Q391)	16,147.00
241.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S FRENCH & ITALIAN	(133-Q392)	13,632.00
242.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S SOCIOLOGY	(133-Q393)	15,788.00
243.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S ECONOMICS	(133-Q394)	20,077.00



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244.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S ENGLISH	(133-Q395)	12,793.00
245.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S HISTORY	(133-Q396)	14,871.00
246.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S SCHOOL OF MUSIC	(133-Q397)	11,799.00
247.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S SOCIAL WORK	(133-Q398)	18,495.00
248.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN L&S PHILOSOPHY	(133-Q399)	18,727.00
249.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE (FIRST YEAR) FOR THE PERIOD 7/1/90 THRU 6/30/91 MSN LAW LAW SCHOOL	(133-Q403)	17,330.70
250.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI QUALITY IMPROVEMENT SUPPORT SYSTEM (QISS) MSN ENGR ENGR EXPR STA HLTH SYS'S	(133-Q426)	30,000.00
251.	INTERNATIONAL CRANE FOUNDATION BARABOO, WI CONSERVATION AND RESTORATION OF WETLANDS IN WESTERN CHINA MSN ENV ST CTR BIOTIC SYSTS	(133-Q468)	2,325.00
252.	UPJOHN COMPANY KALAMAZOO, MI DOUBLE-BLIND FLEXIBLE DOSE COMPARISON OF THE EFFICACY AND SAFETY OF DERACYN SR TABLETS, DERACYN TABLETS, AND PLACEBO IN DEPRESSED OUTPATIENTS AWARD # CLIN MSN HS-PSY PSYCHIATRIC INST	(133-Q480)	31,616.00

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253.	SUPPORT OF INFECTIOUS DISEASE PROGRAMS MSN HS-MED MEDICINE	INFECT DIS (133-Q497)	
	900.00	MCGETTIGAN CORPORATE PLANNING SERVICES PHILADELPHIA, PA	
	900.00	BEECHAM LABORATORIES BRISTOL, TN	
	1,000.00	HOFFMAN-LA ROCHE NUTLEY, NJ	
	2,500.00	ROCHE LABORATORIES NUTLEY, NJ	
			5,300.00
254.	MULTIPLE DONORS APPLIED DAIRY MANAGEMENT PRACTICES FOR WISCONSIN DAIRY FARMS MSN AG&LSC DAIRY SCIENCE	(133-Q514)	30.00
255.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GASTROENTEROLOGY DEVELOPMENT FUND MSN HS-MED MEDICINE	GASTROENT (133-Q565)	3,600.00
256.	BASF CORPORATION RESEARCH TRIANGLE PARK, NC CANOLA EVALUATION MSN AG&LSC AGRONOMY	(133-Q685)	1,500.00
257.	SCHERING-PLOUGH CORPORATION KENILWORTH, NJ CHEMOTHERAPY +/- GM-CSF IN NON-HODGKIN'S LYMPHOMAS "CLIN" AWARD # CLIN MSN HS-MED HUMAN ONCOLOGY	(133-Q716)	7,505.50
258.	PERINATAL FOUNDATION MADISON, WI REDUCING INFANT STRESS RESPONSES TO HANDLING IN THE NICU MSN HS-NUR RESEARCH	(133-Q718)	9,987.00
259.	JOHNSON (CARL) WEST BEND, WI SURGICAL ONCOLOGY RESEARCH FUND MSN HS-MED SURGERY	ONCOLOGY (133-Q766)	800.00
260.	WALLACE LABORATORIES CRANBURY, NJ A DOUBLE-BLIND, PLACEBO-CONTROLLED, RANDOMIZED PARALLEL GROUP STUDY OF THE SAFETY AND EFFICACY OF AZELASTINE AND ALBUTEROL SULFATE (PROVENTIL REPETAB) IN SUBJECTS WITH CHRONIC ASTHMA (P251) AWARD # CLIN MSN HS-MED MEDICINE	ALLRGY&IMM (133-Q772)	19,217.00

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261.	COMITE CONJUNTO HISPANO-NORTEAMERICANO MADRID, SPAIN MAINTAIN AND STRENGTHEN TIES BETWEEN UNIVERSITY OF WISCONSIN SPANISH SEMINARY AND UNIVERSITY OF SALAMANCA FOR THE PERIOD 05-15-90 THRU 05-15-91 AWARD # 11-A 89008 MSN L&S SPANISH & PORT (133-Q791)	3,000.00
262.	COMITE CONJUNTO HISPANO-NORTEAMERICANO MADRID, SPAIN TEACHING AND TEACHER EDUCATION REFORMS AMERICAN AND EUROPEAN COMPARATIVE PERSPECTIVES OF RESEARCH FOR THE PERIOD 06-10-90 THRU 09-30-91 AWARD # 11-A 89034 MSN EDUC WIS CTR EDUC RES (133-Q792)	10,590.00
263.	SNOWDEN (CHARLES T) MADISON, WI SUPPORT OF TAMARIN AND MARMOSET COLONIES MSN L&S PSYCHOLOGY (133-Q797)	2,600.00
264.	UPJOHN COMPANY KALAMAZOO, MI PHARMACOKINETICS AND PHARMACODYNAMICS OF CEFPODOXIME FOLLOWING ADMINISTRATION OF CEFPODIXIME PROXETIL TABLETS TO PATIENTS ON CONTINUOUS AMBULATORY PERITONEAL DIALYSIS "CLIN" MSN HS-PHR PHARMACY (133-Q798)	29,861.00
265.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-21-90 THRU 08-24-90 AWARD # 90-11 VERHAGEN MSN AG&LSC NAT RSRCS- ADMIN (133-Q800)	2,400.00
266.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-21-90 THRU 08-27-90 AWARD # 90-11 HICKS MSN AG&LSC NAT RSRCS- ADMIN (133-Q801)	2,520.00
267.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-29-90 THRU 08-31-90 AWARD # 90-11 MCDONALD MSN AG&LSC NAT RSRCS- ADMIN (133-Q802)	4,200.00
268.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-21-90 THRU 07-28-90 AWARD # 90-11 DETERS MSN AG&LSC NAT RSRCS- ADMIN (133-Q803)	1,800.00

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269.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-21-90 THRU 08-24-90 AWARD # 90-11 GOFFIN MSN AG&LSC NAT RSRCS- ADMIN	(133-Q804)	2,800.00
270.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-21-90 THRU 08-10-90 AWARD # 90-11 RICHTER MSN AG&LSC NAT RSRCS- ADMIN	(133-Q805)	2,400.00
271.	FISONS PHARMACEUTICALS ROCHESTER, NY RESEARCH IN THE FIELD OF ARTHRITIS MSN HS-MED MEDICINE RHEUMATOL	(133-Q806)	5,000.00
272.	MINNESOTA MINING AND MANUFACTURING COMPANY ST PAUL, MN APPLICATION OF THE EMPORE(R) EXTRACION DISK IN CLINICAL ANALYSES FOR THE PERIOD 03-15-90 THRU 03-14-91 MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-Q810)	10,000.00
273.	PROCTER & GAMBLE COMPANY CINCINNATI, OH TESTING THE EFFECT OF PG103 AND MINOXIDIL ON HAIR GROWTH ON STUMPTAILED MACAQUES FOR THE PERIOD 05-01-90 THRU 04-30-93 MSN GRAD PRIMATE RES CTR	(133-Q811)	62,795.00
274.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT AWARD # 90-11 SOICHER MSN ENGR CIVIL & ENV ENGR	(133-Q812)	4,800.00
275.	HUGHES (HOWARD) MEDICAL INSTITUTE BETHESDA, MD HOWARD HUGHES DOCTORAL FELLOWSHIPS IN BIOLOGICAL SCIENCES FOR THE PERIOD 06-01-90 THRU 08-31-91 MSN GRAD	(133-Q813)	73,800.00
276.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY NEW NEUROMUSCULAR DISEASE RESEARCH FELLOWSHIP FOR THE PERIOD 07-10-90 THRU 07-09-91 MSN AG&LSC GENETICS	(133-Q814)	25,000.00
277.	PERINATAL FOUNDATION MADISON, WI THE EFFECT OF SURGERY AND ANETHESIA ON CEREBRAL OXYGENATION OF NEONATES MSN HS-MED PEDIATRICS	(133-Q816)	5,500.00

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278.	PERINATAL FOUNDATION MADISON, WI BIOPSYCHOSOCIAL PREDICTORS OF THE VULNERABLE CHILD SYNDROME IN PREMATURES MSN HS-MED PEDIATRICS (133-Q817)	6,725.00
279.	PERINATAL FOUNDATION MADISON, WI PERINATAL SUBSTANCE USE: A PILOT STUDY COMPARING SELF-REPORT, PHYSICIAN'S RECORDS AND BIRTH CERTIFICATE DATA MSN HS-MED FAM MED & PRACT RESRCH DIV (133-Q818)	8,923.00
280.	PERINATAL FOUNDATION MADISON, WI THE EFFECT OF MATERNAL ALCOHOL INGESTION ON FETAL VITAMIN A AS A POSSIBLE MECHANISM FOR FETAL ALCOHOL SYNDROME (FAS) MSN HS-MED PEDIATRICS (133-Q819)	4,140.00
281.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHANCELLOR'S FACULTY DEVELOPMENT AWARD MSN L&S ENGLISH (133-Q822)	5,000.00
282.	PIONEER HI-BRED INTERNATIONAL INC. JOHNSTON, IA CHARACTERIZATION AND CLONING OF AN AFLOXATOXIN DEGRADING FACTOR FROM ASPERGILLUS SPP MSN L&S BOTANY (133-Q824)	30,000.00
283.	SANDOZ FOUNDATION FOR GERONTOLOGICAL RESEARCH HANOVER, NJ MOLECULAR DETERMINANTS OF NERVE TERMINAL GROWTH DURING AGING MSN HS-MED PHYSIOLOGY (133-Q825)	25,000.00
284.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-29-90 THRU 09-01-90 AWARD # 90-11 JOHNSON MSN ENGR CIVIL & ENV ENGR (133-Q826)	5,600.00
285.	CASE (J.I.) HINSDALE, IL FERTILIZER PLACEMENT FOR CORN PLANTED IN MINIMUM TILL SYSTEMS MSN AG&LSC AG ENGINEERING (133-Q827)	5,500.00
286.	MIDWEST PICKLE ASSOCIATION GREEN BAY, WI CUCUMBER BREEDING MSN AG&LSC HORTICULTURE (133-Q828)	8,160.00

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287.	POTASH CORPORATION OF SASKATCHEWAN PCS SALES ARLINGTON HEIGHTS, IL SOIL COMPACTION AND PLANT NUTRIENT INTERACTION MSN AG&LSC SOIL SCIENCE (133-Q830)	10,000.00
288.	KIRKPATRICK (KEITH AND ARLENE) MT. VERNON, IA GENETICS OF LIVESTOCK SPECIES MSN AG&LSC MEAT& ANIMAL SCI (133-Q833)	4,000.00
289.	UNITED STATES BORAX RESEARCH CORPORATION LOS ANGELES, CA BORON ADSORPTION ON OXIDE SURFACES MSN AG&LSC SOIL SCIENCE (133-Q834)	5,000.00
290.	WOLF RIVER VALLEY SEEDS WHITE LAKE, WI AGRONOMIC CROP RESEARCH MSN AG&LSC AGRONOMY (133-Q835)	7,000.00
291.	OCEAN SPRAY CRANBERRIES, INC. LAKEVILLE-MIDDLEBORO, MA TIMING OF INITIAL SPRING NITROGEN APPLICATION TO CRANBERRIES MSN AG&LSC HORTICULTURE (133-Q836)	9,262.00
292.	SUNTORY LIMITED TOKYO, JAPAN RESEARCH IN THE METHODS OF B-LACTUM ANTIBIOTIC SYNTHESIS MSN HS-PHR PHARMACY (133-Q842)	50,000.00
293.	GIST-BROCADES FOOD INGREDIENT WHITEFISH BAY, WI CHEDDAR CHEESE RENNET COMPARISON AND PROVOLONE CHEESE LIPASE ACTION MSN AG&LSC DAIRY RESEARCH,C DAIRY RESH (133-Q845)	6,700.00
294.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-11-90 THRU 05-31-91 AWARD # 90-11 SANDE MSN ENGR CIVIL & ENV ENGR (133-Q846)	10,080.00
295.	NATIONAL LIVESTOCK AND MEAT BOARD CHICAGO, IL AN EVALUATION OF THE EATING QUALITY OF LOIN STEAKS FROM HIGH ENERGY FED (LIGHT WEIGHT) HOLSTEIN BEEF CARCASSES FOR THE PERIOD 12-01-89 THRU 11-30-90 MSN AG&LSC MEAT& ANIMAL SCI (133-Q847)	3,500.00
296.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI DEPARTMENT SUPPLIES AND EXPENSES MSN HS-MED PSYCHIATRY (133-Q848)	27,288.74

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297.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EDUCATIONAL AND EXTRACURRICULAR FUND MSN HS-MED MEDICINE                      CARDIOLOGY                      (133-Q849)	4,476.42
298.	ANAQUEST MADISON, WI SUPPORT FOR COMMUNITY VETERINARIAN INQUIRIES MSN VET M SURGICAL SCI                      (133-Q850)	564.00
299.	PITTSBURGH (UNIVERSITY OF) PITTSBURGH, PA THE POLITICAL ECOLOGY-ECONOMY OF THE INTERNATIONAL ALUMINUM INDUSTRIES: DEVELOPMENTAL AND ENVIRONMENTAL CONSEQUENCES IN THE AMERICAS SINCE 1973 FOR THE PERIOD 01-16-90 THRU 01-31-91 AWARD # 5-34402 MSN L&S                      SOCIOLOGY                      (133-Q851)	21,500.00
300.	NATIONAL RIFLE ASSOCIATION OF AMERICA WASHINGTON, DC POPULATION DYNAMICS OF WHITE-TAILED DEER IN NORTHERN WISCONSIN FOR THE PERIOD 01-01-90 THRU 12-31-90 AWARD # 90-06 MSN AG&LSC N R-WILDLIF ECOL                      (133-Q852)	2,000.00
301.	GLAXO INC. RESEARCH TRIANGLE PARK, NC A COMPARISON OF RANITIDINE 300MG HS, RANITIDINE 300MG BID, RANITIDINE 300MG TID, AND RANITIDINE 300MG QID IN THE TREATMENT OF DUODENAL ULCER DISEASE AWARD # CLIN MSN HS-MED MEDICINE                      GASTROENT                      (133-Q853)	2,028.00
302.	MERITER-MADISON GENERAL HOSPITAL MEDICAL SURGICAL FOUNDATION, INC. MADISON, WI SUBSTANCE USE BY PREGNANT ADOLESCENTS: PREVALENCE DETECTION AND ASSOCIATED RISK FACTORS FOR THE PERIOD 01-01-90 THRU 12-31-90 MSN HS-MED PEDIATRICS                      (133-Q855)	7,000.00
303.	GLAXO, INC. RESEARCH TRIANGLE PARK, NC RESEARCH IN THE AREA OF SOLVENT EFFECTS ON PEPTIDE HYDROLYSIS MSN HS-PHR PHARMACY                      (133-Q857)	80,000.00
304.	MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL ACTIVITIES COLUMBUS, OH 1990 SUMMER INTERNSHIP PROGRAM FOR THE PERIOD 04-01-90 THRU 12-31-90 AWARD # AF1092 MSN G E A INTL STU & PROGS                      (133-Q858)	13,600.00

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305.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-29-90 THRU 08-04-90 AWARD # 90-11 LESJAK MSN ENGR CHEMICAL ENGR	(133-Q862)	3,596.40
306.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW AWARD MSN GRAD MEDICAL SCHOOL HUMN ONCOL	(133-Q863)	35,000.00
307.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-14-90 THRU 09-07-90 AWARD # 90-11 TAVERA MSN ENGR CIVIL & ENV ENGR	(133-Q864)	5,000.00
308.	MIDDLEBURY COLLEGE MIDDLEBURY, VT SALARY SUPPORT FOR RUSSIAN SUMMER SCHOOL SESSION MSN L&S SLAVIC LANGUAGES	(133-Q866)	2,925.00
309.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-21-90 THRU 08-24-90 AWARD # 90-11 HORTON MSN AG&LSC NAT RSRCS- ADMIN	(133-Q871)	2,400.00
310.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI RYANODINE RECEPTOR CHANNEL OF CARDIAC SARCOPLASMIC RETICULUM FOR THE PERIOD 07-01-90 THRU 06-30-91 AWARD # GIA 90-GA-05 MSN HS-MED PHYSIOLOGY	(133-Q872)	30,000.00
311.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI WISCONSIN CANCER PAIN INITIATIVE: A PROGRAM TO IMPROVE KNOWLEDGE AND ATTITUDES ABOUT CANCER PAIN IN WISCONSIN FOR THE PERIOD 01-01-90 THRU 12-31-90 AWARD # AR-10 MSN HS-MED PHARMACOLOGY	(133-Q874)	11,696.00
312.	LABORATORY OF MAGNETIC RESONANCE AND ATOMIC AND MOLECULAR PHYSICS ACADEMIA SINIA WUHAN, CHINA COLLABORATIVE RESEARCH PROGRAM MSN L&S CHEMISTRY	(133-Q875)	10,000.00
313.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY CALCIUM CHANNELS IN HUMAN MALIGNANT HYPERTHERMIA FOR THE PERIOD 07-01-90 THRU 06-30-91 MSN HS-MED PHYSIOLOGY	(133-Q878)	29,160.00



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## RESEARCH

314.	GENERAL ELECTRIC MEDICAL SYSTEMS MILWAUKEE, WI COMPARISON STUDY IN LOW BACK PAIN MAGNETIC RESONANCE VS COMPUTED TOMOGRAPHY (MYELOGRAPHY) MSN HS-MED RADIOLOGY (133-Q888)	23,800.00
315.	SADDLE MOUND CRANBERRY COMPANY, INC. CITY POINT, WI HORTICULTURE CROP IMPROVEMENT MSN AG&LSC HORTICULTURE (133-Q890)	2,400.00
316.	PIONEER HI-BRED INTERNATIONAL, INC. JOHNSTON, IA PLANT BREEDING FELLOWSHIP PROGRAM MSN AG&LSC AGRONOMY (133-Q891)	18,000.00
317.	SAKATA SEED COMPANY YOKOHAMA, JAPAN ONION BREEDING AND GENETICS MSN AG&LSC HORTICULTURE (133-Q892)	4,800.00
318.	PIG IMPROVEMENT COMPANY, INC. FRANKLIN, KY SWINE RESEARCH MSN AG&LSC MEAT& ANIMAL SCI (133-Q893)	1,200.00
319.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL MOTORS MANUFACTURING SYSTEMS SIMULATION LAB FUND MSN ENGR ENGR EXPER STA MFG SY ENG (133-Q894)	20,000.00
320.	RUST-OLEUM CORPORATION PLEASANT PRAIRIE, WI DEVELOPMENT OF MOISTURE RESISTANT COATINGS MSN L&S CHEMISTRY (133-Q895)	30,000.00
321.	COLORADO (UNIVERSITY OF) HEALTH SCIENCES CENTER DENVER, CO COMMUNICATION WITHIN AND ABOUT RELATIONSHIPS FOR THE PERIOD 05-15-90 THRU 08-31-91 NETWORK ON EARLY CHILDREN TRANSITIONS MSN GRAD WAISMAN CENTER (133-Q896)	6,969.00
322.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL ELECTRIC FACULTY DEVELOPMENT FUND MSN ENGR ELEC & COM ENGR ELEC&COMP (133-Q901)	15,000.00
323.	STATE HISTORICAL SOCIETY OF WISCONSIN MADISON, WI STATE HISTORICAL SOCIETY OF WISCONSIN GEOGRAPHIC INFORMATION SYSTEM FOR THE PERIOD 04-16-90 THRU 06-30-91 MSN AG&LSC SOIL SCIENCE (133-Q910)	44,854.00

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324.	WISC DEPT OF NATURAL RESOURCES MADISON, WI DNR GIS PROGRAM SUPPORT - COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-04-90 THRU 09-22-90 AWARD # 90-11 NIEMANN MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-Q912)	1,600.00
325.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-90 THRU 06-30-91 AWARD # 90-FA-57 MSN HS-MED PHYSIOLOG CHEM (133-Q921)	17,000.00
326.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ABOVE AND BEYOND THE CALL OF DUTY AWARD FUND MSN AG&LSC AGRONOMY (133-Q924)	200.00
327.	CIBA-GEIGY CORPORATION GREENSBORO, NC ATRAZINE CHEMISTRY IN SOILS MSN AG&LSC SOIL SCIENCE (133-Q925)	2,500.00
328.	HUGHES (HOWARD) MEDICAL INSTITUTE BETHESDA, MD HOWARD HUGHES MEDICAL INSTITUTE - MEDICAL STUDENT RESEARCH TRAINING FELLOWSHIP MSN HS-MED OPHTHALMOLOGY (133-Q926)	20,600.00
329.	AMERICAN INSTITUTES FOR RESEACH IN THE BEHAVIORAL SCIENCES WASHINGTON, DC DOCUMENTING MIDLIFE: TRANSITIONS AND STATES IN FAMILY, WORK, AND WELL-BEING FOR THE PERIOD 09-01-90 THRU 12-31-90 MSN L&S SOCIOLOGY (133-Q942)	20,061.00
330.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH ON MATERIAL ASPECTS OF SUPERCONDUCTIVITY MSN ENGR ENGR EXPER STA SUPERCOND T (133-Q944)	5,000.00
331.	DIGITAL EQUIPMENT CORPORATION MAYNARD, MA THE IPS-2 PARALLEL PROGRAM PERFORMANCE TOOLS IN SUPPORT OF SYSTEMS MEASUREMENT MSN L&S COMPUTER SCI (133-Q960)	31,749.00
332.	NATIONAL ACADEMY OF EDUCATION CAMBRIDGE, MA NATIONAL ACADEMY OF EDUCATION SPENCER FELLOWSHIP FOR THE PERIOD 09-01-90 THRU 08-31-92 MSN L&S PSYCHOLOGY (133-Q962)	30,000.00

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333.	ALLIANCE FOR CHILDREN AND YOUTH MADISON, WI WAISMAN EARLY CHILDHOOD PROGRAM MSN GRAD WAISMAN CENTER	(133-Q963)	1,119.96
334.	NATIONAL KIDNEY FOUNDATION, INC. NEW YORK, NY NATIONAL KIDNEY FOUNDATION RESEARCH FELLOWSHIP FOR THE PERIOD 07-01-90 THRU 06-30-91 MSN HS-MED PEDIATRICS	(133-Q964)	21,000.00
335.	SPENCER FOUNDATION CHICAGO, IL COPING WITH SCHOOL: ACHIEVING CHILDREN IN INCOMPATIBLE ECOLOGICAL CONTEXTS FOR THE PERIOD 06-01-90 THRU 05-31-91 MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-Q968)	7,330.00
336.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF CHEMISTRY GRANT-IN-AID MSN L&S CHEMISTRY	(133-0878)	2,200.00
337.	MULTIPLE DONORS LEUKEMIA RESEARCH-DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-3535)	20.00
338.	PROCTER & GAMBLE COMPANY CINCINNATI, OH SUPPORT RESEARCH IN THE DEPARTMENT OF BIOCHEMISTRY MSN AG&LSC BIOCHEMISTRY	(133-3678)	12,000.00
339.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	
	2,000.00 SANDOZ CROP PROTECTION DES PLAINES, IL		
	1,750.00 RHONE-POULENC AG COMPANY KALAMAZOO, MI		
	7,000.00 WOLF RIVER VALLEY BRAND SEEDS WHITE LAKE, WI		
	2,500.00 DOW ELANCED MADISON, WI		
	10,350.00 ICI AMERICAS, INC. WILMINGTON, DE		
	500.00 MOBAY CORPORATION INDIANAPOLIS, IN		
	5,000.00 BASF CORPORATION RESEARCH TRIANGLE PARK, NC		
	11,500.00 AMERICAN CYANAMID COMPANY PRINCETON, NJ		
			40,600.00
340.	IOWA STATE UNIVERSITY AMES, IA STUDY OF THE DEVELOPMENT OF IMPROVED SOIL AND WATER MANAGEMENT SYSTEMS FOR SLOPING LAND IN THE UPPER MISSISSIPPI VALLEY MSN AG&LSC AG RES STATIONS	(133-5139)	6,000.00

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## RESEARCH

341.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC	(133-5328)	100,000.00
342.	MULTIPLE DONORS SUPPORT RESEARCH AND DEVELOPMENT WISCONSIN CENTER FOR EDUCATION RESEARCH MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-5613)	67.89
343.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S DISCRETIONARY FUND MSN HS-MED	(133-5671)	25.00
344.	TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY	(133-6855)	
	750.00 ECOGEN, INC. LANGHORNE, PA		
	5,500.00 SANDOZ CROP PROTECTION CORPORATION DES PLAINS, IL		
	3,000.00 ICI AMERICAS INC. WILMINGTON, DE		
	800.00 MYCOGEN CORPORATION SAN DIEGO, CA		
	2,000.00 ATOCHEM NORTH AMERICA, INC. PHILADELPHIA, PA		
			12,050.00
345.	SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	
	1,920.00 VALENT DALLAS CENTER, IA		
	1,920.00 ATOCHEM NORTH AMERICA, INC. PHILADELPHIA, PA		
	2,880.00 MOBAY CORPORATION INDIANAPOLIS, IN		
	2,400.00 ICI AGRICULTURAL PRODUCTS INDIANAPOLIS, IN		
			9,120.00
346.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI INVESTIGATION OF THE EFFECT OF AGLIME ON SOILS & THE PRODUCTION OF CROPS MSN AG&LSC SOIL SCIENCE	(133-8123)	25,000.00
347.	INSECT CONTROL RESEARCH ON FLORAL CROPS MSN AG&LSC ENTOMOLOGY	(133-8293)	
	1,500.00 SANDOZ CROP PROTECTION CORPORATION DES PLAINS, IL		
	50.00 MULTIPLE DONORS		
			1,550.00

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## RESEARCH

348.	ICI AMERICAS INC. WILMINGTON, DE HERBICIDE RESEARCH PROGRAM MSN AG&LSC AGRONOMY	(133-9070)	1,500.00
349.	STUDY OF RESISTANCE OF SWEET CORN TO THE EUROPEAN CORN BORER MSN AG&LSC AGRONOMY	(133-9123)	
	1,655.00 MULTIPLE DONORS		
	1,090.00 CROOKHAM COMPANY CALDWELL, ID		
	980.00 ASGROW SEED COMPANY KALAMAZOO, MI		
			3,725.00
350.	WEED RESEARCH IN TURF, ORNAMENTALS AND TOBACCO MSN AG&LSC HORTICULTURE	(133-9262)	
	384.00 MULTIPLE DONORS		
	960.00 SANDOZ CROP PROTECTION CORPORATION DES PLAINES, IL		
	1,920.00 BPI/GORDON COMPANY KANSAS CITY, MO		
			3,264.00
351.	WISCONSIN ENERGY CORPORATION FOUNDATION, INC. MILWAUKEE, WI SUPPORT IN THE FIELD OF NUCLEAR MEDICINE MSN HS-MED RADIOLOGY	(133-9482)	4,000.00
352.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY RESEARCH CENTER OPERATING GRANT MSN ENGR ENGR MECHANICS	(133-9653)	20,000.00
STUDENT AID			
1.	SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	( TRUST )	
	11,289.50 CONTINENTAL BANK HELEN D. SCHULTE TRUST CHICAGO, IL		
	9,214.65 CONTINENTAL BANK SCHULTE, HELEN D. TRUST CHICAGO, IL		
			20,504.15
2.	EARNINGS ON MISC. INVESTMENTS LOVE, GEORGE R. AND ELAINE--EDUCATIONAL FUND MSN G SERV FELLOWS & SCHOLS	( TRUST )	1,130.00

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## STUDENT AID

3.	EARNINGS ON MISC. INVESTMENTS LOVE, GEORGE R. AND ELAINE--MEDICAL FACULTY ENDOWMENT FUND MSN HS-MED	( TRUST )	2,258.00
4.	EARNINGS ON MISC. INVESTMENTS KORESH, GEORGE--LOAN FUND MSN BUS SV BURSAR	( TRUST )	171.88
5.	VETERINARY MEDICINE SCHOLARSHIP FUND MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S	( TRUST )	
	5,500.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	2,078.00- MERCK COMPANY FOUNDATION UNIVERSITY OF WISCONSIN		
			3,422.00
6.	EARNINGS ON MISC. INVESTMENTS MESSERSCHMIDT, DR. RAMONA--SCHOLARSHIP FUND IN CLINICAL PSYCHOLOGY MSN L&S PSYCHOLOGY	( TRUST )	362.59
7.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI REAM, EUNICE AND HOWARD SCHOLARSHIP MSN AG&LSC AGRONOMY	( TRUST )	500.00
8.	GTE FOUNDATION STAMFORD, CT INDUSTRIAL RELATIONS RESEARCH INSTITUTE--GRADUATE SCHOLARSHIP MSN L&S IND REL RES INST	( TRUST )	5,000.00
9.	UPON THE RECOMMENDATION OF THE DEPARTMENT, EXCESS INCOME BE USED FOR STUDENT LOANS. CADY, CARRIE JONES--ART SCHOLARSHIP MSN EDUC ART	( TRUST )	
10.	PROCEEDS FROM MISC. INVESTMENTS LOVE, GEORGE R. AND ELAINE--EDUCATIONAL FUND MSN G SERV FELLOWS & SCHOLS	( TRUST )	1.00
11.	PROCEEDS FROM MISC. INVESTMENTS LOVE, GEORGE R. AND ELAINE--MEDICAL FACULTY ENDOWMENT FUND MSN HS-MED	( TRUST )	1.00
12.	MESSERSCHMIDT, DR. RAMONA--SCHOLARSHIP FUND IN CLINICAL PSYCHOLOGY MSN L&S PSYCHOLOGY	( TRUST )	
	4,098.27 FIRST INTERSTATE BANK RAMONA MESSERSCHMIDT TRUST TUCSON, AZ		
	371.66 PROCEEDS FROM MISC. INVESTMENTS		
			4,469.93

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## STUDENT AID

13.	MULTIPLE DONORS WISCONSIN NAVAL ROTC ALUMNI AWARD FUND MSN OFCR E NAVAL SCIENCE	( TRUST )	320.00
14.	WOLFGRAM, RICHARD C. M.D. OSHKOSH, WI SCHILLING, ROBERT F.--SCHOLARSHIP MSN HS-MED MEDICINE HEMATOLOGY	( TRUST )	100.00
15.	HOFHINE, JO ANN HOFHINE, CLYDE CEDARBURG, WI HOFHINE, ENSIGN DUANE J. II--MEMORIAL FUND MSN OFCR E NAVAL SCIENCE	( TRUST )	100.00
16.	EDUCATION, DEPT OF WASHINGTON, DC JACOB K JAVITS FELLOWS PROGRAM FOR THE PERIOD 09-01-87 THROUGH 08-31-90 AT A TOTAL COST OF \$224,000.00 AWARD # GO08710724-89, MOD. 2 MSN GRAD	( 144-Z900 )	64,000.00
17.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD PREDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD: NURSING FOR THE PERIOD 06-01-90 THROUGH 05-31-91 AWARD # 5 F31 NRO6338-02 MSN GRAD SCH OF NURSING	( 144-BR18 )	12,500.00
18.	AMERICAN ASSOCIATION OF UNIVERSITY WOMEN EASTON, PA SARAH PALMER & TARBELL SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEAN'S OFF	( 133-A783 )	288.95
19.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JAMES OLAN REED FELLOWSHIP MSN ENGR CIVIL & ENV ENGR	( 133-B477 )	5,000.00
20.	ALPHA ZETA OMEGA PHARMACEUTICAL FRATERNITY MILWAUKEE, WI UNDERGRADUATE SCHOLARSHIPS MSN HS-PHR PHARMACY	( 133-E066 )	600.00
21.	MARQUIP, INC PHILLIPS, WI SCHOLARSHIPS IN ELECTRICAL AND COMPUTER ENGINEERING AND MECHANICAL ENGINEERING MSN ENGR	( 133-E654 )	5,000.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HASTINGS REAL ESTATE SCHOLARSHIP MSN BUS SCH OF BUSINESS	( 133-F203 )	100.00

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23.	ROSSBACH (JACOB) SCHOLARSHIP FUND MENOMONEE FALLS, WI UNDERGRADUATE SCHOLARSHIP MSN HS-PHR PHARMACY	(133-F367)	2,036.47
24.	PROCTER & GAMBLE COMPANY CINCINNATI, OH COLLEGE OF ENGINEERING SCHOLARSHIP FUND MSN ENGR	(133-F731)	1,200.00
25.	MINNESOTA MINING & MANUFACTURING FOUNDATION ST. PAUL, MN UNDERGRADUATE SCHOLARSHIP IN ELECTRICAL AND COMPUTER ENGINEERING MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-H550)	5,000.00
26.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING FUND FOR POLYGON AWARDS MSN ENGR OPERATIONS	(133-J169)	12,100.00
27.	MINNESOTA MINING & MANUFACTURING ST PAUL, MN UNDERGRADUATE SCHOLARSHIP IN INDUSTRIAL ENGINEERING MSN ENGR INDUSTRIAL ENGR	(133-J480)	2,000.00
28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL MOTORS RESEARCH LABORATORIES GRADUATE FELLOWSHIP MSN ENGR ENGR EXPER STA I COMBUSTN	(133-J551)	10,000.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRADUATE STUDENT SUPPORT IN THE DEPARTMENT OF GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSICS	(133-J815)	2,000.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNDERGRADUATE SCHOLARSHIPS MSN L&S GEOL & GEOPHYSICS	(133-J873)	4,800.00
31.	GTE NORTH INCORPORATED SUN PRAIRIE, WI GTE PROJECT/RESEARCH ASSISTANTSHIPS MSN BUS SCH OF BUSINESS	(133-K684)	10,000.00
32.	MULTIPLE DONORS RICHARD E. SCHWERT MEMORIAL AWARD MSN L&S SOCIAL WORK	(133-M256)	35.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WALLACE MEYER SCHOLARSHIP MSN L&S JOURN & MASS COM	(133-PO21)	2,500.00



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34.	MEMORIAL UNION BUILDING ASSOCIATION MADISON, WI SUSAN SMITH BEHR AWARD (SCHOLARSHIP) MSN UNION GENERAL	(133-P371)	50.00
35.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI PREDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-89 THRU 06-30-91 AWARD # 89-FA-37 MSN AG&LSC BIOCHEMISTRY	(133-P488)	8,500.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DWAYNE A. ROHWEDER FORAGE EXTENSION SCHOLARSHIP MSN AG&LSC AGRONOMY	(133-P820)	1,100.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JULIA NIQUETTE NETZER AND CLARA MAE NETZER WENDT SCHOLARSHIP MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-Q843)	500.00
38.	DANE COUNTY MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-01-90 THRU 10-01-90 AWARD # 30232 MSN AG&LSC NAT RSRCS- ADMIN	(133-Q877)	16,126.50
39.	WISC DEPT OF NATURAL RESOURCES MADISON, WI DNR GIS PROGRAM SUPPORT - COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-04-90 THRU 09-22-90 AWARD # 90-11 MOHAMED MSN ENV ST INSTRUCTNL PROG INSTR PROG	(133-Q911)	3,200.00
40.	WISC DEPT OF NATURAL RESOURCES MADISON, WI DNR GIS PROGRAM SUPPORT - COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-04-90 THRU 09-22-90 AWARD # 90-11 POLZER MSN ENV ST INSTRUCTNL PROG INSTR PROG	(133-Q913)	3,200.00
41.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 07-01-90 THRU 12-29-90 AWARD # 90-11 COLBY MSN ENV ST INSTRUCTNL PROG INSTR PROG	(133-Q914)	5,227.30
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARCHIE KIMBALL ENDOWMENT MSN BUS SCH OF BUSINESS	(133-Q915)	4,000.00

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UNIVERSITY OF WISCONSIN - MADISON

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43.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-11-90 THRU 09-01-90 AWARD # 90-11 DRESSEL MSN AG&LSC NAT RSRCS- ADMIN	(133-Q947)	3,120.00
44.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-23-90 THRU 08-15-90 AWARD # 90-11 RISTOW MSN AG&LSC NAT RSRCS- ADMIN	(133-Q948)	2,160.00
45.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-04-90 THRU 09-04-90 AWARD # 90-11 KONDRACKI MSN AG&LSC NAT RSRCS- ADMIN	(133-Q949)	2,470.00
46.	NORTHWESTERN MUTUAL LIFE INSURANCE COMPANY MILWAUKEE, WI SCHOLARSHIP IN ACTUARIAL SCIENCE MSN BUS SCH OF BUSINESS	(133-1085)	7,000.00
47.	SENTRY FOUNDATION, INC. STEVENS POINT, WI SENTRY INSURANCE FELLOWSHIP MSN BUS SCH OF BUSINESS	(133-3518)	2,000.00
48.	MINNESOTA MINING AND MANUFACTURING FOUNDATION ST. PAUL, MN UNDERGRADUATE ENGINEERING SCHOLARSHIP PROGRAM MSN ENGR	(133-3954)	5,000.00
49.	GROWMARK, INC. BLOOMINGTON, IL UNDERGRADUATE SCHOLARSHIPS IN AGRICULTURE MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-5208)	1,600.00
50.	SENTRY FOUNDATION, INC. STEVENS POINT, WI UNDERGRADUATE ACTUARIAL SCHOLARSHIP FUND-HIGH SCHOOL SCHOLARSHIP PROGRAM MSN BUS SCH OF BUSINESS	(133-8377)	600.00

TOTAL MADISON

28,061,648.93

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EXTENSION AND PUBLIC SERVICE	565,427.00
INSTRUCTION	4,285,584.30
LIBRARIES	6,208.00
MISCELLANEOUS	2,601,067.01
RESEARCH	20,360,007.85
STUDENT AID	243,354.77

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UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. PROFESSOR DAVID GARNHAM  
MILWAUKEE, WI  
A GIFT OF A ZENITH AF-171-42 PORTABLE COMPUTER,  
SERIAL NUMBER 615EE0871 FOR THE DEPARTMENT OF  
POLITICAL SCIENCE FOR DESCRETIONARY USE  
MIL L&S POLITICAL SCI

INSTRUCTION

1. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, D. C.  
90-157-BF  
CONSOLIDATED MATH-SCIENCE CURRICULUM FOR  
ELEMENTARY TEACHERS  
FOR THE PERIOD 07-01-90 THROUGH 12-31-93  
AWARD # TPE-9050020  
MIL GRAD M-S ERC (144-BQ23) 310,989.00
2. UWM FOUNDATION (ACCT. #561)  
EMPLOYERS INSURANCE OF WAUSAU  
MILWAUKEE, WI  
JOANNA JOHNSON CHAIR - OCCUPATIONAL HELTH NURSING  
WAUSAU INSURANCE CO.  
MIL NURS HLTH MAINTENANCE (133-B811) 79,422.00
3. WISCONSIN STATE COUNCL ON ECONOMIC  
EDUCATION  
MILWAUKEE, WI  
90-005-NM  
ECONOMICS IN EDUCATION PROJECT  
FOR THE PERIOD 09/01/89 THROUGH 08/31/90  
AWARD # CHECK #115910  
MIL EDUC CURRIC & INSTR (133-N853) 1,500.00
4. UWM FOUNDATION  
MILWAUKEE, WI  
WISCONSIN SCHOLARS PROGRAM  
MIL AC AFF GENERAL (133-PO34) 1,250.00
5. WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION  
MADISON, WI  
90-350-NM  
MEDAL  
FOR THE PERIOD 01/25/90 THROUGH 04/13/90  
MIL A H P GENERAL ADMIN (133-Q356) 7,774.36
6. INROADS  
MILWAUKEE, WI  
90-555-NM  
INROADS PRE-COLLEGIATE MINORITIES PROGRAM  
FOR THE PERIOD 06/01/90 THROUGH 05/31/91  
MIL DOCE OUTRCH & CE ADM OR&CE ADM (133-Q887) 13,000.00
7. IN SUPPORT OF ECONOMIC EDUCATION PROGRAM DEVELOP-  
MENT AND OTHER RELATED ACTIVITY  
MIL L&S ECONOMIC EDUC (133-4849)

600.00 JOINT COUNCIL ON ECONOMIC EDUCATION  
MILWAUKEE, WI  
90-019-LK  
2,298.00 WISCONSIN ECONOMIC EDUCATION COUNCIL  
MILWAUKEE, WI  
90-019-LK

2,898.00

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

UNIVERSITY OF WISCONSIN - MILWAUKEE

MISCELLANEOUS

1.	EDUCATION, DEPT OF WASHINGTON, D. C. IN SUPPORT OF THE FOLLOWING:		
1)	VETERANS EDUCATION OUTREACH PROGRAM PAYMENTS FOR THE PERIOD 07-01-89 THROUGH 06-30-91 AWARD # Q008912508 MIL STU AF REGISTRAR'S OFF SAL-S&E-CA (144-BF13)		176.00
2)	PATRICIA ROBERTS HARRIS GRANT PROPOSAL FOR THE PERIOD 09-01-90 THROUGH 08-31-91 AWARD # P094800121 MIL GRAD DEAN'S OFFICE (144-BP82)		80,000.00
2.	UWM SYMPHONY ORCHESTRA/CHAMBER ORCHESTRA 1989-90 DONATIONS MILWAUKEE, WI SUPPORT UWM ORCHESTRA PROGRAM MIL F ARTS MUSIC (133-H688)		188.00
3.	UWM FOUNDATION #254 (MILWAUKEE PLAN) MILWAUKEE, WI MILWAUKEE PLAN MIL BUS AD SBA RESEARCH SBA RSRCH (133-K641)		5,000.00
4.	UWM FOUNDATION MILWAUKEE, WI SUPPORT FOR UWM ATHLETICS - MEN'S BASEBALL MIL STU AF INTRCOL ATHL-MEN BASEBALL (133-L277)		1,500.00
5.	HIGHER EDUCATION CABLE CONSORTIUM MILWAUKEE, WI OPERATION OF A TV HEADEND/PLAYBACK FACILITY FOR HECC FOR THE MONTH OF MARCH 1990 MIL ED COM PROJECTS SP P2-HECC (133-L344)		1,970.50
6.	PLANNING AND DESIGN INSTITUTE MILWAUKEE, WI 90-114ONM LAKEFRONT TERRACE FUNDRAISING PROJECT FOR THE PERIOD 03/10/89 THROUGH 06/30/92 MIL ARC&UP ARCH&U P RES CTR (133-P097)		10,000.00
7.	MEDICATION TAKING BEHAVIORS OF OLDER COMMUNITY DWELLING ADULTS MIL NURS ADMIN DEAN (133-P410)		
	100.00	VARIOUS LOUISE C. SMITH MADISON, WI	
	25.00	VARIOUS IMOGENE I. SCHRUBBE MENOMONEE FALLS, WI	
			125.00

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

## MISCELLANEOUS

8.	VARIOUS MILWAUKEE, WI DEAN'S DISCRETIONARY ACCOUNT MIL ARC&UP ADMINISTRATION ADMIN (133-Q883)	4,962.00
9.	NATIONAL COALITION FOR CAMPUS CHILD CARE, INC. CASCADE, WI AWARD FOR PURCHASE OF COMPUTER EQUIPMENT MIL EDUC CHILD CARE (133-Q927)	3,300.00
10.	UWM FOUNDATION MILWAUKEE, WI SUPPORT FOR UWM ATHLETICS - WOMEN'S VOLLEYBALL MIL STU AF INTRCL ATH-WOMEN VOLLEYBALL (133-Q928)	1,000.00

## RESEARCH

1.	JOHNSON CONTROLS GEORGE JACOBI, VP, TECHNOLOGY MILWAUKEE, WI WISCONSIN DISTINGUISHED PROFESSORSHIP (182-B19-5900) MIL ENG&AS MATERIALS	25,000.00
2.	UWM FOUNDATION #252 MILWAUKEE, WI WISCONSIN DISTINGUISHED PROFESSORSHIP (182-B12-7002) MIL BUS AD SBA RESEARCH WDP #2	5,850.00
3.	UWM FOUNDATION #267 MILWAUKEE, WI WISCONSIN DISTINGUISHED PROFESSORSHIP (182-B12-7002) MIL BUS AD SBA RESEARCH WDP #2	3,275.00
4.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD 89-582-NM NEUROGENESIS IN A SIMPLE VERTEBRATE GANGLION FOR THE PERIOD 07-01-90 THROUGH 06-30-93 AWARD # 1 R15 NS28585-01 MIL L&S BIOLOGICAL SCI (144-BQ58)	103,600.00
5.	ENERGY, DEPT OF ARGONNE, IL ALUMINUM COORDINATION AND ACTIVE CATALYTIC SITES IN ALUMINAS, Y ZEOLITES, AND PILLARED LAYERED SILICA'S FOR THE PERIOD 06-01-90 THROUGH 01-31-92 AWARD # DE-FGO2-90ER14130-A000 MIL GRAD LAB FOR SURF STU (144-BP85)	165,889.00
6.	UNIVERSITIES SPACE RESEARCH ASSOCIATION HOUSTON, TX 90-570-NM PRIME CONTRACTOR WITH NASA SPACE ARCHITECTURE PROJECT- STUDENT SUMMER TRAVEL FOR THE PERIOD 10-04-89 THROUGH 07-31-90 AWARD # CHECK NO. 034096 MIL ARC&UP ARCH&U P RES CTR (144-BQ83)	2,444.00

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

## RESEARCH

7. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
90-406-LK  
PRIME CONTRACTOR WITH NEH  
AN ORAL HISTORY OF ITALIAN-AMERICAN IN  
MILWAUKEE  
FOR THE PERIOD 05-01-90 THROUGH 05-31-91  
AWARD # S-10  
MIL L&S FRENCH & ITALIAN (144-BP18) 277.00
8. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, D. C.  
IN SUPPORT OF THE FOLLOWING:
- 1) THE BIOGEOCHEMISTRY OF MANGANESE IN THE  
GREAT LAKES  
FOR THE PERIOD 10-15-88 THROUGH 03-31-91  
AWARD # OCE-8812694-02  
MIL GRAD GT LKS ST, CTR F (144-AQ55) 4,000.00
- 2) RESEARCH IN GRAVITY, QUANTIZED FIELDS, AND  
RELATIVISTIC ASTROPHYSICS  
FOR THE PERIOD 06-01-86 THROUGH 11-30-91  
AWARD # PHY-8603173-03  
MIL L&S PHYSICS (144-X875) 79,380.00
9. MEDICAL COLLEGE OF WISCONSIN  
MILWAUKEE, WI  
PRIME CONTRACTOR WITH WDHS  
THE EFFICACY OF PERSONALIZED EDUCATIONAL  
MATERIALS IN ACHIEVING COMPLIANCE WITH  
COLORECTAL CANCER SCREENING  
FOR THE PERIOD 01/01/90 THROUGH 12/31/90  
AWARD # P.O. 98693  
MIL NURS HLTH MAINTENANCE (133-P198) 6,243.00
10. WISCONSIN ELECTRIC POWER COMPANY  
MILWAUKEE, WI  
FLYASH BLOCK ARTIFICIAL REEF PROJECT  
FOR THE PERIOD 12/01/84 THROUGH 12/31/99  
MIL GRAD GT LKS ST, CTR F (133-H621) 5,337.18
11. VARIOUS (NORDBERG INC)  
MILWAUKEE, WI  
COMPRESSION TESTS  
AWARD # CHECK #E12810  
MIL ENG&AS CIVIL ENGINEER'G (133-N194) 300.00
12. UNIVERSAL FOODS (P/C WISCONSIN DEPT. OF  
DEVELOPMENT)  
MILWAUKEE, WI  
PRODUCTION OF NATURAL RED FOOD COLORANT BY  
BIOTECHNOLOGY "CARMINIC ACID PRODUCTION BY  
FERMENTATION  
FOR THE PERIOD 02/06/89 THROUGH 02/05/91  
AWARD # 7-24  
MIL GRAD GT LKS ST, CTR F (133-N805) 5,043.71

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

## RESEARCH

- |     |  |            |           |
|-----|--|------------|-----------|
| 13. | SQUARE D COMPANY<br>MILWAUKEE, WI<br>90-296-NM<br>VIBRATION TESTING OF EQUIPMENT<br>MIL ENG&AS CIVIL ENGINEER'G  | (133-P193) | 781.33    |
| 14. | MIDWEST RESEARCH TECHNOLOGIES<br>P/C WISCONSIN DEPT. OF DEVELOPMENT<br>MILWAUKEE, WI<br>THIN FILM LANTHRONUM HEXABORIDE CATHODES FOR<br>ELECTRONIC DEVICES<br>MIL L&S PHYSICS  | (133-P779) | 2,293.77  |
| 15. | FRI ENTERPRISES<br>NEW BERLIN, WI<br>MICROWAVE MEASUREMENT<br>AWARD # CHECK NO. 885776 & 903202<br>MIL ENG&AS ELEC ENGR&COMP S ELECT ENGR  | (133-P909) | 245.00    |
| 16. | KRIS AND JAYASHREE NARAYANAN<br>MILWAUKEE, WI<br>RESEARCH IN CHEMISTRY<br>FOR THE PERIOD 11/01/89 THROUGH 10/31/90<br>MIL L&S CHEMISTRY  | (133-Q051) | 665.00    |
| 17. | SEAMANS NUCLEAR (PRIME CONTRACTOR WITH<br>WISCONSIN DEPARTMENT OF DEVELOPMENT)<br>OAK CREEK, WI<br>90-363-NM<br>DEVELOPMENT OF A MICROPROCESSOR BASED<br>ELECTRONIC SYSTEM<br>FOR THE PERIOD 02/19/90 THROUGH 02/18/92<br>MIL ENG&AS ELEC ENGR&COMP S ELEC ENGR& | (133-Q503) | 59,000.00 |
| 18. | DESIGN AND PLANNING INSTITUTE<br>SHOREWOOD, WI<br>90-552-NM<br>KENOSHA PLAN<br>FOR THE PERIOD 01/01/90 THROUGH 12/31/90<br>MIL ARC&UP ARCH&U P RES CTR   | (133-Q568) | 30,000.00 |
| 19. | COMPACT FOR EDUCATIONAL OPPORTUNITY<br>MILWAUKEE, WI<br>90-418-NM<br>STUDY OF ACADEMIC ACHIEVEMENT OF STUDENTS<br>PARTICIPATING IN CHAPTER 220 INTERDISTRICT<br>STUDENT TRANSFER PROGRAM<br>FOR THE PERIOD 02/01/90 THROUGH 08/31/90<br>MIL L&S GEOGRAPHY        | (133-Q620) | 8,000.00  |
| 20. | STATE HISTORICAL SOCIETY OF WISCONSIN<br>MADISON, WI<br>90-429-NM<br>SOUTHEASTERN WISCONSIN REGIONAL ARCHAEOLOGY<br>CENTER<br>FOR THE PERIOD 03/26/90 THROUGH 06/30/90<br>AWARD # P.O. #HSJ1177<br>MIL L&S ANTHROPOLOGY  | (133-Q679) | 2,000.00- |

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

21.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, D. C. 90-102-NM DYNAMICS OF C1 ATOM REACTIONS FOR THE PERIOD 07/01/90 THROUGH 06/30/92 AWARD # 22838-G5 MIL L&S      CHEMISTRY	(133-Q735)	18,000.00
22.	WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI ANALYSIS OF PHYTOPLANKTON AND ZOOPLANKTON SAMPLES COLLECTED BY WDNR MIL GRAD    GT LKS ST, CTR F	(133-Q767)	20,000.00
23.	WISCONSIN POWER & LIGHT COMPANY MADISON, WI 89-568-NM A CULTURAL RESOURCES SURVEY OF THE JANESVILLE CENTRAL HYDROELECTIC PROJECT FOR THE PERIOD 04/01/90 THROUGH 11/01/90 AWARD # P.O. 900076 MIL L&S      ANTHROPOLOGY	(133-Q774)	12,567.00
24.	WISCONSIN POWER & LIGHT COMPANY MADISON, WI A CULTURAL RESOURCES SURVEY OF THE ROCKTON HYDROELECTRIC PROJECT, WINNEBAGO COUNTY, IL FOR THE PERIOD 04/01/90 THROUGH 11/01/90 AWARD # P.O. 900076 MIL L&S      ANTHROPOLOGY	(133-Q775)	13,313.00
25.	UNIVERSAL FOODS CORPORATION MILWAUKEE, WI CARMINIC ACID PRODUCTION BY FERMENTATION MIL GRAD    GT LKS ST, CTR F	(133-Q780)	45,000.00
26.	UWM FOUNDATION MILWAUKEE, WI DISCRETIONARY RESEARCH FOR THE PERIOD 05/01/90 THROUGH 04/30/91 MIL GRAD    GT LKS ST, CTR F	(133-Q781)	2,500.00
27.	UWM FOUNDATION MILWAUKEE, WI ELECTRICAL ENGINEERING & COMPUTER SCIENCE #274 MIL ENG&AS ELEC ENGR&COMP S ELECT ENGR	(133-Q782)	1,368.25
28.	VILAS TRUST ESTATE MADISON, WI WILLIAM VILAS RESEARCH PROFESSOR FOR THE PERIOD 07/01/90 THROUGH 06/30/91 MIL L&S      ENGLISH	(133-Q786)	25,000.00
29.	CONGREGATION EMANU-EL B'NE JESHURUN MILWAUKEE, WI 90-500-NM DESIGN CONSULTING SERVICES FOR CONGREGATION EMANU-EL B'NE JESHURUN MUSEUM FACILITY FOR THE PERIOD 02/01/90 THROUGH 05/31/90 MIL ARC&UP ARCH&U P RES CTR	(133-Q809)	4,994.00



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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

30.	JOYCE FOUNDATION CHICAGO, IL 90-266-LK A COLLABORATIVE MODEL FOR RESTRUCTURING TEACHER ROLES IN URBAN PROFESSIONAL DEVELOPMENT SCHOOLS FOR THE PERIOD 05/31/90 THROUGH 06/01/91 MIL EDUC ADMINISTRATION CTR TCH ED (133-Q832)	75,000.00
31.	WISCONSIN STATE LEGISLATURE MADIASON, WI 90-496-NM HIGHER EDUCATION RESEARCH FOR THE PERIOD 02/12/90 THROUGH 05/20/90 AWARD # CHECK NO. A0226825 MIL EDUC EPCS (133-Q870)	4,844.00
32.	RETIREMENT RESEARCH FOUNDATION PARK RIDGE, ILLINOIS 90-362-NM ENVIRONMENTS FOR PEOPLE WITH DEMENTIA: CASE STUDIES FOR THE PERIOD 06/01/90 THROUGH 08/31/91 AWARD # 90-53 MIL ARC&UP ARCH&U P RES CTR (133-Q882)	54,621.00
33.	AMERICAN LUNG ASSOCIATION OF WISCONSIN MILWAUKEE, WI 90-137-LK EFFECT OF SENSORY PREPARATION ON SMOKING CESSATION FOR THE PERIOD 07/01/90 THROUGH 06/30/91 MIL NURS HLTH RESTORATION (133-Q884)	12,151.00
34.	AMERICAN LUNG ASSOCIATION OF WISCONSIN MILWAUKEE, WI 90-135-NM PREGNANT HISPANICS: EVALUATION OF A SMOKING CESSATION INTERVENTION FOR THE PERIOD 07/01/90 THROUGH 06/30/91 MIL NURS FNDTNS OF NURS'G FNDT NURS' (133-Q885)	49,406.00
35.	REDEEMER EVANGELICAL LUTHERN CHURCH MILWAUKEE, WI 90-556-NM REDEEMER CHURCH FEASIBILITY STUDY AWARD # CHECK NO. 2873 MIL ARC&UP ARCH&U P RES CTR (133-Q886)	1,000.00
36.	AMERICAN LIBRARY ASSOCIATION CHICAGO, IL 90-426-NM WHITNEY/CARNEGIE FUND FOR THE PERIOD 05/22/90 THROUGH 07/31/91 MIL L&I SC SCH-LIB&INF SCI (133-Q905)	3,600.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MILWAUKEE

STUDENT AID

1. VARIOUS DONORS  
 MILWAUKEE, WI  
 LEENHOUTS SCHOLARSHIP  
 MIL ARC&UP ADMINISTRATION ADMIN (133-Q706) 2,770.00

TOTAL MILWAUKEE 1,376,813.10  
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INSTRUCTION	416,833.36
MISCELLANEOUS	108,221.50
RESEARCH	848,988.24
STUDENT AID	2,770.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - EAU CLAIRE

## EXTENSION AND PUBLIC SERVICE

1. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
BURIED ROOTS AND INDESTRUCTIBLE SEEDS  
FOR THE PERIOD 05-01-90 THROUGH 05-30-91  
EAU ART&SC DEAN-ARTS & SCI (144-0077) 26,744.00

## INSTRUCTION

1. TRANSPORTATION, DEPT OF  
WASHINGTON, DC  
FUNDS IN SUPPORT OF THE DESIGNATED DRIVER PROGRAM  
FOR THE PERIOD 10-01-89 THROUGH 09-30-90  
EAU S SERV S SERV (144-0073) 5,177.00

## RESEARCH

1. ARGONNE NATIONAL LABORATORY  
ARGONNE, IL  
FACULTY RESEARCH PARTICIPATION  
FOR THE PERIOD 04-25-90 THROUGH 08-31-90  
EAU ART&SC PHYS & ASTRONOMY (133-0076) 7,860.00

2. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
NITROGEN ISOTOPE MONITORING  
FOR THE PERIOD 03-21-90 THROUGH 06-30-90  
EAU ART&SC GEOLOGY (133-0078) 1,600.00

TOTAL EAU CLAIRE 41,381.00  
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EXTENSION AND PUBLIC SERVICE 26,744.00  
INSTRUCTION 5,177.00  
RESEARCH 9,460.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - GREEN BAY

## MISCELLANEOUS

1.	MULTIPLE DONORS CHANCELLOR'S DISCRETIONARY FUND GBY G E A CHANCELLORS OFF ADMIN	(133-H784)	500.00
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## RESEARCH

1.	J. V. MANUFACTURING COMPANY DE PERE, WI SPECIFICATIONS FOR ABSORBENT MATERIALS GBY ENV SC NAT APP SC	(133-H518)	750.00
2.	SCOTT FAIRMONT BUILDER INC. EAST LANSING, MI BAY MILLS INDIAN COMMUNITY OF MICHIGAN HOTEL/ CASINO DEVELOPMENT STUDY GBY PRF ST BUSINESS ADMIN	(133-Q829)	7,000.00
3.	MORAN (JOSEPH) GREEN BAY, WI CLIMATOLOGICAL RESEARCH GBY ENV SC NAT APP SC	(133-Q946)	300.00
4.	ONEIDA TRIBE OF INDIANS OF WISCONSIN ONEIDA, WI ONEIDA NATION CULTURAL CENTER GBY COM SC URB & PUB AFFAIR CTR PUB AF	(133-Q961)	1,154.37

## STUDENT AID

1.	BUBOLZ, MARGARET NELSON--SCHOLARSHIP (GBY) GBY ST AID FEL & SCHOL-AOG ( TRUST )		
	140.00 ANDEREGG, ROBERT C. FOND DU LAC, WI		100.00
	ANDEREGG, BARBARA A. MONONA, WI		40.00
	140.00 BUBOLZ, FRANCES A. APPLETON, WI		140.00
	30.00 BURNS, SUSAN BUBOLZ LAKE ST. LOUIS, MO		
			310.00
2.	HOUSING AND URBAN DEVELOPMENT, DEPT OF WASHINGTON, DC COMMUNITY DEVELOPMENT WORK STUDY PROGRAM FOR THE PERIOD 09-05-89 THROUGH 12-31-91 AWARD # DU10OG900016275 GBY COM SC URB & PUB AFFAIR	(144-BR15)	60,300.00
3.	MULTIPLE DONORS STUDENT FINANCIAL AID FUND-UWGB GBY ST AID FEL & SCHOL-AOG	(133-6986)	100.00

TOTAL GREEN BAY

70,414.37

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MISCELLANEOUS	500.00
RESEARCH	9,204.37
STUDENT AID	60,710.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - PARKSIDE

MISCELLANEOUS

1.	REGIONAL STAFF DEVELOPMENT CENTER PKS G E A CHANCELLORS OFF ADMIN	(133-M132)	
	405.00 MULTIPLE DONORS		
	637.50 SALEM JOINT SCHOOL DISTRICT SALEM, WI		
	15,000.00 RACINE UNIFIED SCHOOL DISTRICT RACINE, WI		
	712.50 CENTRAL HIGH SCHOOL SALEM, WI		
			16,755.00
2.	MULTIPLE DONORS RACE WALK TEAM, WOMEN'S TRACK AND CROSS-COUNTRY TEAM PKS BUS SV FELLOWS & SCHOLS	(133-Q248)	4,632.00
RESEARCH			
1.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD MOLECULAR ANALYSIS OF TABTOXIN PRODUCTION AND RESISTANCE FOR THE PERIOD 06-01-90 THROUGH 05-31-93 AWARD # 1 R15 AI29556-01 PKS SCI&TE BIO SCI	(144-BQ45)	102,103.00
2.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	RUI: AN INVESTIGATION OF THE ENVIRONMENTAL FORCING OF SEASONAL STABLE-CARBON ISOTOPIC VARIATION IN GROWTH RINGS OF TREES FOR THE PERIOD 06-01-89 THROUGH 11-30-91 AT A TOTAL COST OF \$66,686.00 AWARD # ATM-8906112, MOD. 1 PKS SCI&TE GEOLOGY	(144-BB77)	17,787.00
2)	REU: A SITE FOR UNDERGRADUATE RESEARCH ENRICHMENT MOLECULAR/REGULATORY BIOLOGY FOR THE PERIOD 06-01-90 THROUGH 11-30-91 AWARD # DIR-9000843 PKS SCI&TE BIO SCI	(144-BQ26)	31,951.00
3.	ST. CATHERINE'S HOSPITAL KENOSHA, WI ASSESS AND TRACK TRENDS IN PATIENTS' PERCEPTIONS OF THEIR STAY AT ST. CATHERINE'S HOSPITAL FOR THE PERIOD 05-15-89 THRU 05-14-90 PKS AC SUP SURV&MKT R	(133-P863)	149.93
4.	CASE (J.I.) RACINE, WI MAGNUM UPDATE PROGRAM FOLLOW-UP SURVEY AWARD # CP 32926 PKS AC SUP SURV&MKT R	(133-Q897)	17,353.50

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

## UNIVERSITY OF WISCONSIN - PARKSIDE

## STUDENT AID

1.	PIELE, DONALD & LINDA RACINE, WI SUWALSKI, ELEANOR KENOSHA, WI U.W. PARKSIDE MEMORIAL SCHOLARSHIP FUND (PKS) PKS BUS SV FELLOWS & SCHOLS ( TRUST )	100.00  200.00  300.00
2.	MULTIPLE DONORS POLCZYNSKI, JAMES J.--SCHOLARSHIP (PKS) PKS BUS SV FELLOWS & SCHOLS ( TRUST )	  25.00
3.	MULTIPLE DONORS DUNCAN, MABEL B.--GEOGRAPHY SCHOLARSHIP FUND (PKS) PKS BUS SV FELLOWS & SCHOLS ( TRUST )	  25.00
4.	MULTIPLE DONORS UNIVERSITY ENDOWED SCHOLARSHIP FUND (PKS) PKS BUS SV FELLOWS & SCHOLS ( TRUST )	  45.00
5.	MULTIPLE DONORS MUSIC SCHOLARSHIPS PKS BUS SV FELLOWS & SCHOLS (133-C489)	  1,036.00
6.	MULTIPLE DONORS SCIENCE DIVISION FACULTY SCHOLARSHIP PKS BUS SV FELLOWS & SCHOLS (133-G071)	  956.50
7.	MULTIPLE DONORS DRAMATIC ARTS SCHOLARSHIP FUND PKS LIB AR DRAMA ARTS (133-G871)	  100.00
8.	MULTIPLE DONORS ACCOUNTING PROGRAM SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS (133-G954)	  100.00
9.	MULTIPLE DONORS ENGLISH SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS (133-J044)	  100.00
10.	MULTIPLE DONORS PARKSIDE SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS (133-9472)	  250.00
	TOTAL PARKSIDE	193,668.93 =====
	MISCELLANEOUS	21,387.00
	RESEARCH	169,344.43
	STUDENT AID	2,937.50

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

## EXTENSION AND PUBLIC SERVICE

1.	UW-PLATTEVILLE FOUNDATION PLATTEVILLE, WI PROGRAM SUPPORT AWARD # CK #4255 PLT CL&WS CLINICS & WKSHPs	(136-0514)	309.36
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## GIFT-IN-KIND

1.	UW-PLATTEVILLE FOUNDATION PLATTEVILLE, WI CAMERA, PENTAX 35MM PLT ENGR CIVIL ENGR		
2.	ALLEN BRADLEY/ROCKWELL INTL ELM GROVE, WI AC MOTOR CONTROLLER PLT ENGR ELECTRICAL ENGR		
3.	ALLEN BRADLEY/ROCKWELL INTL ELM GROVE, WI BCD INTERFACE KIT PLT ENGR ELECTRICAL ENGR		
4.	PLATTEVILLE TELEPHONE CO PLATTEVILLE, WI TELEPHONE DISPLAY BOOTH (3 EA) EJ-4 PLT PP M&O GEN OPERATIONS		

## INSTRUCTION

1.	UW-PLATTEVILLE FOUNDATION PLATTEVILLE, WI PROGRAM SUPPORT AWARD # CK #10121 PLT ENGR DEAN-COLL ENGR	(133-0511)	9,332.12
2.	UW-PLATTEVILLE FOUNDATION PLATTEVILLE, WI PROGRAM SUPPORT AWARD # CK #10121 PLT ENGR DEAN-COLL ENGR	(133-0512)	1,222.62

## MISCELLANEOUS

1.	UW-PLATTEVILLE, FOUNDATION PLATTEVILLE, WI FUNDS IN SUPPORT OF SALARY, POSTAGE AND SUPPLIES AWARD # CK #10073, 4203, 4209 PLT G E A ASST CHAN-DEV&SV	(133-0506)	8,953.69
2.	UW-PLATTEVILLE FOUNDATION PLATTEVILLE, WI FUNDS IN SUPPORT OF SALARY AND TRAVEL EXPENSES AWARD # CK #4227, 10122 PLT G E A ASST CHAN-DEV&SV	(133-0509)	2,699.52

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

## UNIVERSITY OF WISCONSIN - PLATTEVILLE

## MISCELLANEOUS

3.	UW-PLATTEVILLE FOUNDATION PLATTEVILLE, WI PROGRAM SUPPORT AWARD # CK #4255 PLT G E A ASST CHAN-DEV&SV	(133-0513)	80.83
4.	UW-PLATTENVILLE FOUNDATION PLATTEVILLE, WI PROGRAM SUPPORT AWARD # CK #10226 PLT G E A ASST CHAN-DEV&SV	(133-0515)	2,825.25

## PHYSICAL PLANT

1.	EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	OTTENSMAN HALL-ANNUAL INTEREST SUBSIDY FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # WIS-5-500669-0 PLT UNIT-W DEBT SV AC BLDGS	(144-0502)	4,001.00
2)	ANNUAL INTEREST GRANT FOR THE PERIOD 09-01-89 THROUGH 08-30-90 AWARD # 5-5-331-0 PLT UNIT-W DEBT SV AC BLDGS	(144-0503)	18,467.00

## RESEARCH

1.	ILLINOIS POWER CO DECATUR, IL PROGRAM SUPPORT AWARD # CK #248623 PLT ENGR ELECTRICAL ENGR	(133-0510)	4,000.00
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## STUDENT AID

1.	EDUCATION, DEPT OF WASHINGTON, DC FUNDS IN SUPPORT OF SPECIAL SERVICES FOR DISADVANTAGED STUDENTS FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # GO08740260-89 PLT G E A STU AFF & COUNSL ASC DN S D	(144-0505)	154,887.00
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TOTAL PLATTEVILLE	206,778.39
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EXTENSION AND PUBLIC SERVICE	309.36
INSTRUCTION	10,554.74
MISCELLANEOUS	14,559.29
PHYSICAL PLANT	22,468.00
RESEARCH	4,000.00
STUDENT AID	154,887.00



GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

## UNIVERSITY OF WISCONSIN - RIVER FALLS

## GIFT-IN-KIND

1. MR. BRADFORD C. YOHO  
STILLWATER, MN  
GIFT OF "MISS RAINY LAKE", A CHESTNUT THOROUGHBRED  
MARE  
RVF AGRIC LABORATORY FARMS
2. DAKOTA PARTNERS OF BURNSVILLE, INC.  
APPLE VALLEY, MN  
A GIFT OF "CRESCENT WENCH", A THOROUGHBRED MARE  
RVF AGRIC LABORATORY FARMS
3. MR. BRADFORD C. YOHO  
STILLWATER, MN  
GIFT OF "LADY", A THOROUGHBRED MARE  
RVF AGRIC LABORATORY FARMS
4. MS. MAUREEN L. KEMPER  
ALBANY, MN  
GIFT OF "MAHTA FAYEK", A SEVEN YEAR-OLD ARABIAN  
GELDING  
RVF AGRIC LABORATORY FARMS
5. MS. DEB BROCH  
WINONA, MN  
DONATION OF TATOO (PEG'S VICTORY), A 10 YEAR-OLD  
THOROUGHBRED GELDING WITH AN APPRAISED VALUE OF  
\$3,500/\$2,000.  
RVF AGRIC LABORATORY FARMS

## INSTRUCTION

- |    |  |           |
|----|--|-----------|
| 1. | UW-RIVER FALLS FOUNDATION<br>RIVER FALLS, WI<br>1990-91 UW-RIVER FALLS GRANTS FOR THE IMPROVEMENT<br>OF CLASSROOM INSTRUCTION<br>FOR THE PERIOD 06-01-90 THROUGH 05-31-91<br>RVF G E A VICE CHANCELLOR VICE CHANC (133-0627) | 28,381.85 |
| 2. | UW-RIVER FALLS FOUNDATION<br>RIVER FALLS, WI<br>FUNDS IN SUPPORT OF FACULTY DEVELOPMENT<br>RVF ART&SC ECONPMICS (133-0771)   | 2,000.00  |
| 3. | WI DEPT OF PUBLIC INSTRUCTION<br>MADISON, WI<br>WISCONSIN IMPROVEMENT PROGRAM - PHYSICAL<br>EDUCATION TEACHERS SEMINAR<br>AWARD # PAJ 01737<br>RVF EDUC PHYSICAL EDUC PHYS EDUC (133-0774)                                   | 1,267.57  |

GIFTS, GRANTS AND CONTRACTS  
 JULY 13, 1990

## UNIVERSITY OF WISCONSIN - RIVER FALLS

## MISCELLANEOUS

1. PRIVATE INDUSTRY COUNCIL  
 MENOMONIE, WI  
 PRIME CONTRACTOR WITH LABOR  
 FUNDS IN SUPPORT OF THE JOB TRAINING PARTNERSHIP  
 ACT  
 FOR THE PERIOD 02-12-90 THROUGH 05-04-90  
 AWARD # 691139-000-9  
 RVF G SERV GEN SVCS OFF (144-0681) 1,226.01

## RESEARCH

1. RESEARCH SEEDS, INC  
 ST. JOSEPH, MO  
 FUNDS FOR THE ESTABLISHMENT OF EXPERIMENTAL  
 SEED PLOTS  
 RVF AGRIC PLANT & EARTH SC (133-0737) 2,000.00

TOTAL RIVER FALLS 34,875.43  
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INSTRUCTION 31,649.42  
 MISCELLANEOUS 1,226.01  
 RESEARCH 2,000.00

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

UNIVERSITY OF WISCONSIN - STEVENS POINT

GIFT-IN-KIND

1. G. E. VENEMAN  
PORT EDWARDS, WI  
DONATION OF A MOUNTED HAMMERHEAD SHARK  
STP U REL MUSEUM OF N HIST
  
2. AT&T  
MORRIS PLAINS, NJ  
DONATION OF COMPUTER EQUIPMENT FOR CENTERSNET  
PROGRAM  
STP AC SUP ACAD COMP SVCS

TOTAL STEVENS POINT

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GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

## UNIVERSITY OF WISCONSIN - STOUT

## EXTENSION AND PUBLIC SERVICE

1. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
VOCATIONAL, TECHNICAL AND ADULT EDUCATION CIM  
CONFERENCE  
FOR THE PERIOD 03-01-90 THROUGH 06-30-90  
AWARD # 30-104-150-230  
STO I&TECH CTR FOR VTAE      CTR VTAE      (144-1525)      16,589.00
2. LABOR, DEPT OF  
WASHINGTON, DC  
FUNDS FOR THE 1989 BUILDING A QUALITY WORKFORCE  
CONFERENCE  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
STO ET&PS EXTENSION ADMIN NON-CR OTR      (144-1710)      2,500.00
3. MONTERREY INSTITUTE OF TECHNOLOGY AND HIGHER  
STUDIES  
MONTERREY, MEXICO  
FUNDS TO SUPPORT EDUCATIONAL EXPERIENCES IN HOTEL  
AND RESTAURANT MANAGEMENT FOR 12 STUDENT FROM  
MONTERREY INSTITUTE OF TECHNOLOGY AND GRADUATE  
STUDIES  
FOR THE PERIOD 06-01-90 THROUGH 07-31-90  
STO H ECON HABITATNL RESRCS      (133-1190)      12,000.00

## GIFT-IN-KIND

1. GRACO FOUNDATION  
MINNEAPOLIS, MN  
GIFT OF GRACO MODEL EM590 AIRLESS SPRAYER  
STO I&TECH PROG-IND TECHNOL
2. ELEC-TROL, INC.  
MINNEAPOLIS, MN  
COMPUMOTOR, MODEL 52 CONTROLLER  
STO ED&H S ST VOC REHAB IN CTR REH TE
3. ROGERS CORPORATION  
EAST WOODSTOCK, CT  
GIFT OF TWO ROLLS OF FLEXOGRAPHIC PLATE MOUNTING  
TAPES  
STO I&TECH SCH-IND&TECH ADM
4. FOUNDATION OF THE FLEXOGRAPHIC TECHNICAL ASS.  
RONKONKOMA, NY  
GIFT OF FACULTY AND STUDENT REGISTRATIONS AT FTA  
WORKSHOP ON MAY 19, 1990  
STO I&TECH SCH-IND&TECH ADM
5. INTEK WEATHERSEAL PRODUCTS, INC.  
HASTINGS, MN  
GIFT OF USED WIRE ELECTRICAL DISCHARGE MACHINING  
EQUIPMENT  
STO I&TECH SCH-IND&TECH ADM

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

UNIVERSITY OF WISCONSIN - STOUT

## GIFT-IN-KIND

6. FOX VALLEY TECHNICAL INSTITUTE  
APPLETON, WI  
GIFT OF RUBBER PLATE MOLDING GUN  
STO I&TECH SCH-IND&TECH ADM
7. GRAVURE ASSOCIATION OF AMERICA  
NEW YORK, NY  
COMPLIMENTARY REGISTRATIONS FOR FIVE STAFF AND ONE  
STUDENT FOR THE GRAVURE ASSOCIATION OF AMERICA  
CONVENTION  
STO I&TECH SCH-IND&TECH ADM
8. WILLIAMS SOUND CORP.  
MINNETONKA, MN  
TELELINK TELEPHONE COUPLER  
STO ED&H S ST VOC REHAB IN CTR REH TE
9. ARCOM INCORPORATED  
LAKEVILLE, MN  
GIFT OF "HOW TO ACHIEVE MANUFACTURING CONTROL"  
VIDEOTAPE TRAINING SERIES  
STO I&TECH INDUSTRIAL MGMNT IND MGMNT
10. STOUT UNIVERSITY FOUNDATION, INC.  
MENOMONIE, WI  
GIFT OF EIGHT PERSONAL COMPUTERS  
STO I&TECH SCH-IND&TECH ADM
11. MAX DAETWYLER CORPORATION  
HAUPPAUGE, NEW YORK  
GIFT OF DOCTOR BLADES FOR GRAVURE PROOF PRESS  
STO I&TECH SCH-IND&TECH ADM
12. STREARNS MANUFACTURING COMPANY  
ST. CLOUD, MN  
GIFT OF THREE ROLLS OF 3M BRAND RETROREFLECTIVE  
TAPE  
STO H ECON APPAREL, TEX&DES
13. ROGERS CORPORATION  
EAST WOODSTOCK, CT  
GIFT OF TWO ROLLS OF PSA II COMPRESSABLE MOUNTING  
TAPE FOR FLEXO PLATES  
STO I&TECH SCH-IND&TECH ADM
14. PIZZA HUT  
MENOMONIE, WI  
PIZZA COUPONS  
STO H ECON APPAREL, TEX&DES
15. ALMA'S  
MENOMONIE, WI  
SHAMPOO, CONDITIONER, AND SUNTAN  
AMPLIFIER  
STO H ECON APPAREL, TEX&DES

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

16. TACO JOHN'S  
MENOMONIE, WI  
\$3-OFF COUPONS  
STO H ECON APPAREL, TEX&DES
17. MCDONALDS  
MENOMONIE, WI  
BIG MAC COUPONS  
STO H ECON APPAREL, TEX&DES
18. KID DUDS  
CANNON FALLS, MN  
FIFTY YARDS OF YELLOW KNIT FABRIC  
STO H ECON APPAREL, TEX&DES
19. PROFLEX / ERGODYNE CORPORATION  
ST. PAUL, MN  
GIFT OF A VARIETY OF INJURY PREVENTION ERGONOMIC  
APPLIANCES AND BRACES FOR THE WORK PLACE  
STO ED&H S ST VOC REHAB IN VOC DEV C
20. 3M COMPANY  
ST. PAUL, MN  
GIFT OF 3M - 22A SEALER, S/N 8975 AND S-857 "L"  
CLIP APPLICATOR, S/N 1407  
STO I&TECH SCH-IND&TECH ADM

INSTRUCTION

1. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
A HIGH SPEED CENTRIFUGE FOR BIOCHEMISTRY, FOOD  
CHEMISTRY, AND STUDENT RESEARCH  
FOR THE PERIOD 06-01-90 THROUGH 12-01-92  
STO LIB ST CHEMISTRY (144-1550) 15,453.00
2. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
FUNDS TO PURCHASE TESTING EQUIPMENT FOR  
GRAVURE PRINTING INKS  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C (133-0616) 517.00
3. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
TWO-WAY INTERACTIVE VIDED DISTANCE LEARNING  
FOR THE PERIOD 03-15-90 THROUGH 12-30-90  
STO I&TECH MEDIA TECHNOLOGY (133-1415) 2,000.00
4. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
READING LABORATORY FOR THE ESL INSTITUTE  
FOR THE PERIOD 03-01-90 THROUGH 12-31-90  
STO LIB ST ENGLISH SEC LANG ENG SEC LG (133-1435) 3,000.00

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

UNIVERSITY OF WISCONSIN - STOUT

MISCELLANEOUS

1. FUNDS FOR TRAVEL TO AMERICAN APPAREL  
MANUFACTURING ASSOCIATION'S MANAGEMENT SYSTEM  
COMMITTEE  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
STO H ECON APPAREL, TEX&DES (133-0734)
 

475.00	UNIVERSAL FASTENERS, INC LAWRENCEBURG, KY	
200.00	ALLEN D. EVERITT KNITTING CO MILWAUKEE, WI	
		675.00
  
2. THE PROMUS COMPANIES INCORPORATED  
MEMPHIS, TN  
FUNDS TO BE USED FOR RECEPTION AND LODGING FOR  
UNDERGRADUATE MENTOR PROGRAM FACULTY EXCHANGE  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # 6204-1-A-90  
STO C R&GS CUR RES & GRAD S C R&GS (133-1095) 350.00
  
3. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
FUNDS IN SUPPORT OF THE JAMES H. STOUT  
PROFESSORSHIP  
FOR THE PERIOD 07-01-89 THROUGH 06-30-91  
AWARD # 7205-1-A-90  
STO G E A CHANCELLORS OFF CHANC OFFI (133-1120) 8,000.00
  
4. STOUT UNIVERSITY FOUNDATION, INC  
MENOMONIE, WI  
DAHLGREN PROFESSORSHIP FOR PROFESSIONAL  
DEVELOPMENT AND TRAVEL  
FOR THE PERIOD 05-01-90 THROUGH 05-01-92  
AWARD # 3321-1-A-90  
STO LIB ST FOREIGN LANGUAGE (133-1460) 7,500.00

RESEARCH

1. BATTELLE MEMORIAL INSTITUTE  
RESEARCH TRIANGLE PARK, NC  
PRIME CONTRACTOR WITH DOD ARMY  
A FEASIBILITY STUDY ON THE USE OF UHF WIND  
PROFILER MEASUREMENTS TO ENHANCE FORECASTING/  
NOWCASTING OF LOW-LEVEL TURBULENCE AND WIND SHEAR  
FOR THE PERIOD 06-01-90 THROUGH 05-31-91  
AWARD # 1853  
STO LIB ST MATHEMATICS MATH (144-1565) 29,986.00
  
2. CHINA NATIONAL TOURIST OFFICE  
NEW YORK, NY  
A FOLLOW-UP STUDY OF PERCEPTIVE CHANGES IN IMAGE  
OF CHINA BY THE MATURE AMERICAN TRAVELER  
FOR THE PERIOD 03-01-90 THROUGH 08-30-90  
STO H ECON HABITATNL RESRCS (133-1180) 1,100.00

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

UNIVERSITY OF WISCONSIN - STOUT

RESEARCH

3.	STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI STOUT HISTORICAL RESEARCH RE-GRANT PROGRAM FOR THE PERIOD 03-01-90 THROUGH 05-01-91 STO LIB RE AREA RES CENTER	(133-1350)	3,780.00
4.	NATIONAL ASSOCIATION OF STUDENT FINANCIAL AID ADMINISTRATORS WASHINGTON, DC STUDENT EDUCATIONAL LOANS AND MAJOR CHOICE AMONG UNDERGRADUATES: A NATIONAL STUDY PROJECT FOR THE PERIOD 04-01-90 THROUGH 05-31-91 STO LIB ST MATHEMATICS	MATH (133-1485)	1,000.00
	TOTAL STOUT		104,450.00 -----
	EXTENSION AND PUBLIC SERVICE		31,089.00
	INSTRUCTION		20,970.00
	MISCELLANEOUS		16,525.00
	RESEARCH		35,866.00



GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

## UNIVERSITY OF WISCONSIN - WHITEWATER

## EXTENSION AND PUBLIC SERVICE

1. UW-WHITEWATER FOUNDATION  
WHITEWATER, WI  
FUNDS FOR SERVICES AND SUPPLIES FOR COLLEGE  
OF BUSINESS AND ECONOMICS  
AWARD # CK #13076  
WTW BUS&EC DEAN OF BUS&ECON DN BUS&EC (133-1374) 960.00

## INSTRUCTION

1. IBM CORPORATION  
NEW YORK, NY  
FUNDS IN SUPPORT OF TRAVEL TO MEETINGS AND  
TRAINING SESSIONS  
AWARD # CK #345810  
WTW EDUC DEAN OF EDUC DN OF EDUC (133-1343) 2,000.00

2. NATIONAL COUNCIL ON US-ARAB RELATIONS  
WASHINGTON, DC  
FUNDS IN SUPPORT OF A ONE-DAY TEACHER TRAINING  
WORKSHOP "TEACHING ABOUT THE MIDDLE EAST AND THE  
ISLAMIC WORLD"  
FOR THE PERIOD 09-01-90 THROUGH 12-31-90  
AWARD # LTR DTD 05/23/90  
WTW L&S GEOGRAPHY-GEOL GEOGRAPHY (133-1401) 450.00

## MISCELLANEOUS

1. SOUTH CENTRAL WISCONSIN S.D.A. PRIVATE INDUSTRY  
COUNCIL, INC  
PORTAGE, WI  
FUNDS IN SUPPORT OF A WORK EXPERIENCE PROGRAM FOR  
STUDENTS WITH DISABILITIES  
FOR THE PERIOD 04-01-90 THROUGH 09-30-90  
AWARD # 901535  
WTW G E A ASST CHAN-STU SV DISABL S S (144-1386) 20,637.00

2. UW-WHITEWATER FOUNDATION  
WHITEWATER, WI  
FUNDS FOR SUPPLIES AND MATERIALS FOR COLLEGE  
AWARD # CK #12914  
WTW BUS&EC DEAN OF BUS&ECON DN BUS&EC (133-1374) 1,900.00

3. UW-WHITEWATER FOUNDATION  
WHITEWATER, WI  
FUNDS IN SUPPORT OF WOMEN'S GOLF TEAM  
WTW G E A CHANCELLORS OFF WOMS I ATH (133-1379) 1,073.00

TOTAL WHITEWATER 27,020.00  
=====

EXTENSION AND PUBLIC SERVICE 960.00  
INSTRUCTION 2,450.00  
MISCELLANEOUS 23,610.00

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## GIFT-IN-KIND

1. AMIGA COMPUTER CORP.  
WEST CHESTER, PA  
2 AMIGA COMPUTERS WITH MONITORS & SOFTWARE  
CNS FOX VA INSTR MEDIA SVCS
2. DEAN MARY KNUDTEN  
WAUKESHA, WI  
18 PERIODICALS ON CRIMINOLOGY  
CNS WAUK LIBRARY LIB ACQUIS
3. PROFESSOR MARY ELLEN YOUNG  
WAUKESHA, WI  
11 BOOKS  
2 PERIODICALS  
2 VHS VIDEOCASSETTES  
CNS WAUK LIBRARY LIB ACQUIS
4. WISCONSIN PAPER COUNCIL  
NEENAH, WI  
PAPER AND PEOPLE: WISCONSIN'S PRODUCTIVE  
PARTNERSHIP. VHS VIDEOCASSETTE.  
CNS WAUK LIBRARY LIB ACQUIS
5. MRS. DIANE MISKIE  
WAUKESHA, WI  
SPECIAL COLLECTOR'S EDITION OF "LIFE MAGAZINE"  
CNS WAUK LIBRARY LIB ACQUIS
6. WI RIGHT TO LIFE-WAUKESHA COUNTY CHAPTER  
OCONOMOWOC, WI  
6 BOOKS  
17 PAMPHLETS  
CNS WAUK LIBRARY LIB ACQUIS
7. JOYCE L. NORLIN (MRS. GORDON D.)  
MANITOWOC, WI  
A COLLECTION OF PHONOGRAPH RECORDS, AS SPECIFIED  
ON THE ATTACHED SHEET  
CNS MANIT LIBRARY LIB ACQUIS
8. THE SHEBOYGAN PRESS  
SHEBOYGAN, WI  
ONE YEAR SUBSCRIPTION TO THE SHEBOYGAN PRESS  
CNS SHEBOY LIBRARY ADMIN
9. NEMSCHOFF CHAIRS, INC.  
SHEBOYGAN, WI  
ONE 30" X 96" STANDARD TABLE TOP AND BASE (BOTH  
WITH #7 WALNUT FINISH)  
CNS SHEBOY ADMINISTRATION INSTR SVCS

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## MISCELLANEOUS

1.	ARTS MIDWEST MINNEAPOLIS, MN PRIME CONTRACTOR WITH NEA FINE ARTS PERFORMANCE FOR THE PERIOD 11-09-86 THROUGH 06-30-90 AWARD # FY87-149, MOD. 4 CNS WASH STUDENT AFFAIRS LECT & F A (144-Z351)	1,013.00
2.	VISITORS & PROMOTION BUREAU MARSHFIELD, WI UWC-MARSHFIELD/WOOD COUNTY-LECTURE FINE ARTS CNS MARSH STUDENT AFFAIRS LECT & F A (133-LO40)	1,000.00
3.	DRAMA DONOR FUND CNS MARSH STUDENT AFFAIRS DRAMA PROD (133-L410)	
	500.00 VISITORS & PROMOTION BUREAU MARSHFIELD, WI	
	50.00 MULTIPLE DONORS	550.00
4.	MULTIPLE DONORS THEATRE PROGRAM CNS MARIN STUDENT AFFAIRS DRAMA PROD (133-N092)	6,135.00
5.	UW-SHEBOYGAN COUNTY FOUNDATION SHEBOYGAN, WI INSTRUCTION IMPROVEMENT GENERAL ACCOUNT CNS SHEBOY (133-N497)	2,710.00
6.	MULTIPLE DONORS CHORAL PROGRAM ENRICHMENT CNS SHEBOY STUDENT AFFAIRS PRFRMG ART (133-N625)	50.00
7.	UW MARATHON COUNTY FOUNDATION WAUSAU, WI DEAN'S DISCRETIONARY ACCOUNT CNS MARATH (133-N834)	650.00
8.	WISCONSIN ARTS BOARD MADISON, WI VISITING ARTISTS EXHIBITION AND LECTURE SERIES FOR THE PERIOD 10-09-89 THRU 04-27-90 CNS MARSH STUDENT AFFAIRS LECT & F A (133-Q057)	700.00
9.	FRIENDS AND ALUMNI FOUNDATION WAUKESHA, WI FACULTY/STAFF PROFESSIONAL DEVELOPMENT CNS WAUK ADMINISTRATION PRF DEV (133-Q073)	500.00

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## STUDENT AID

1.	EARNINGS ON MISC. INVESTMENTS KOHL, EDWIN P. MEMORIAL LOAN FUND (CNS) CNS MARSH STUDENT AFFAIRS FELL & SCH ( TRUST )	100.00
2.	KUEHMICHEL, DANIEL R. 110.00 MILWAUKEE, WI PROCEEDS FROM MISC. INVESTMENTS 1000.00 KOHL, EDWIN P. MEMORIAL LOAN FUND (CNS) CNS MARSH STUDENT AFFAIRS FELL & SCH ( TRUST )	1,110.00
3.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AT A TOTAL COST OF \$13,965.00 AWARD # P063R87118, MOD. 2 CNS CNS AD STUDENT SERVICES ST FIN AID (144-AK15)	35.00
4.	SCHOLARSHIPS ACCOUNT CNS MANIT STUDENT AFFAIRS FELL & SCH (133-N932)  100.00 MULTIPLE DONORS 700.00 UNIVERSITY OF WISCONSIN CENTERS MANITOWOC COUNTY FOUNDATION, INC. MANITOWOC, WI	800.00
5.	FOND DU LAC UNIVERSITY OF WISCONSIN CENTER FOUNDATION, INC. FOND DU LAC, WI SCHOLARSHIPS CNS FD LAC STUDENT AFFAIRS FELL & SCH (133-P722)	250.00
6.	WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI UNIVERSITY CAMP: A PRECOLLEGE PROGRAM FOR HISPANIC YOUTH FOR THE PERIOD 06-01-90 THRU 06-23-90 CNS WAUK M.-D. PRGS (133-Q844)	2,760.00
	TOTAL CENTER SYSTEM	18,363.00 =====
	MISCELLANEOUS	13,308.00
	STUDENT AID	5,055.00

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1. STATE OF CONNECTICUT  
HARTFORD, CT  
PRIME CONTRACTOR WITH DHHS PHS CDC  
BEHAVIORAL RISK FACTOR SURVEILLANCE SURVEY/  
CONNECTICUT/1990  
FOR THE PERIOD 01-01-90 THROUGH 12-31-90  
AWARD # 4001  
EXT G EXT WIS SURVEY RES L (144-BR09) 42,000.00
2. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS PHS NIH  
TWO SURVEYS-OLDER WISCONSIN RESIDENTS-CAREGIVERS  
TO THE ELDERLY  
FOR THE PERIOD 03-01-90 THROUGH 12-31-90  
AWARD # PD #FDJE 5982  
EXT G EXT WIS SURVEY RES L (144-BQ76) 80,000.00
3. INTERIOR, DEPT OF  
RESTON, VA  
IN SUPPORT OF THE FOLLOWING:
  - 1) PLEISTOCENE GEOLOGY OF TAYLOR COUNTY, WISCONSIN  
FOR THE PERIOD 04-01-90 THROUGH 12-31-91  
AWARD # 14-08-0001-A0817  
EXT G&NH S WIS GEOL&NAT HST W G&N HIST (144-BN35) 19,899.00
  - 2) COMPLETION OF THE GEOLOGIC MAP OF THE EAST-  
CENTRAL SHEET, WISCONSIN  
FOR THE PERIOD 04-01-90 THROUGH 12-31-91  
AWARD # 14-08-0001-A0816  
EXT G&NH S WIS GEOL&NAT HST W G&N HIST (144-BN36) 24,998.00
4. NATIONAL ENDOWMENT FOR THE HUMANITIES  
WASHINGTON, DC  
BURIED ROOTS AND INDESTRUCTIBLE SEEDS:  
THE SURVIVAL OF AMERICAN INDIAN LIFE IN STORY,  
HISTORY AND SPIRIT  
FOR THE PERIOD 05-01-90 THROUGH 04-30-92  
AWARD # SO-21030-90  
EXT GEA SV W HUMANITIES COM (144-BP56) 60,000.00
5. FY 89 PROGRAM UNDERWRITING  
EXT TELCOM WHA TELEVISION (133-M807)
 

3,000.00	AMERICAN OF MADISON
	MADISON, WI
5,000.00	ANR PIPELINE
	DETROIT, MI
3,000.00	RG TRAVEL
	MADISON, WI
1,200.00	POOH CORNER
	MADISON, WI
4,000.00	CRESS FUNERAL HOME
	MADISON, WI

16,200.00

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

- |     |   |           |
|-----|---|-----------|
| 6.  | VERNON COUNTY<br>VIROQUA, WI<br>4-H YOUTH AGENT IN VERNON COUNTY FOR THE PERIOD<br>07-01-89 THROUGH 06-30-90 (REDUCED PER MUTUAL<br>AGREEMENT)<br>EXT COOP E C&AREA OFC-SOUTH (133-P312)  | 1,007.82- |
| 7.  | MILWAUKEE COUNTY<br>WAUWATOSA, WI<br>SUPPORT FOR COUNTY AGENTS FOR THE PERIOD<br>01-01-89 THRU 06-30-90<br>EXT COOP E CO&AREA OFC-S E CO OFC-S E (133-P317)   | 58,788.00 |
| 8.  | WISC DEPT OF AGRICULTURE TRADE<br>AND CONSUMER PROTECTION<br>MADISON, WI<br>FIELD STUDY OF PESTICIDE CONTAMINATION OF GROUND-<br>WATER AT GRADE A DAIRY FARMS IN DANE COUNTY,<br>WISCONSIN FOR THE PERIOD 06-01-89 THRU 06-30-91<br>PESTICIDE RESEARCH CONTRACT #89-04<br>AWARD # P.O.#AGI 6420/AGJ 6222<br>EXT G&NH S WIS GEOL&NAT HST W G&N HIST (133-P531) | 18,066.00 |
| 9.  | CORPORATION FOR PUBLIC BROADCASTING<br>WASHINGTON, DC<br>DILEMMAS OF WAR AND PEACE FOR THE PERIOD<br>01-01-90 THRU 12-31-91<br>AWARD # 20070<br>EXT TELCOM WHA RADIO (133-Q220)   | 68,000.00 |
| 10. | MILWAUKEE COUNTY PARKS<br>OAK CREEK, WI<br>COUNTY SUPPORT FOR MILWAUKEE COUNTY PARKS FOR THE<br>PERIOD 01-01-90 THRU 06-30-90<br>EXT COOP E CO&AREA OFC-S E CO OFC-S E (133-Q796)   | 31,831.00 |
| 11. | WISCONSIN PUBLIC RADIO ASSOCIATION<br>MADISON, WI<br>WISCONSIN PUBLIC RADIO ASSOCIATION STAFF SUPPORT<br>FOR FY 1991 FOR THE PERIOD 07-01-90 THRU 06-30-91<br>EXT TELCOM WHA RADIO (133-Q916)   | 24,210.00 |

## MISCELLANEOUS

- |    |   |           |
|----|---|-----------|
| 1. | HUPPRICH, MABEL ESTATE<br>MADISON, WI<br>HUPPRICH, MABEL--WHA TELEVISION (EXT)<br>EXT TELCOM WHA TELEVISION ( TRUST )   | 18,000.00 |
| 2. | MULTIPLE DONORS<br>ALPHA SIGMA--ESP GRANT FUND (EXT)<br>EXT COOP E BUDGET & FIN OFF ( TRUST )   | 30.00     |
| 3. | WI SOIL CONSERVATION SERVICE<br>MADISON, WI<br>PRIME CONTRACTOR WITH AGRIC<br>SURVEY OF WISCONSIN FARMERS TO DETERMINE EDUCATION<br>PROGRAMS NEEDED FOR IMPLEMENTATION OF FOOD<br>SECURITY ACT CONSERVATION PLANS (A5F48017)<br>FOR THE PERIOD 04-01-90 THROUGH 07-31-90<br>AWARD # A5F48017<br>EXT COOP E PROFESSNL DVLPM T PRFNL DVL P (144-BP86) | 7,500.00  |

GIFTS, GRANTS AND CONTRACTS  
JULY 13, 1990

UNIVERSITY OF WISCONSIN - EXTENSION

STUDENT AID

1. MULTIPLE DONORS		
ALPHA SIGMA--EPSILON SIGMA PHI LOAN FUND (EXT)		
EXT COOP-E BUDGET & FIN OFF	( TRUST )	25.00
	TOTAL EXTENSION	468,539.18
		-----
EXTENSION AND PUBLIC SERVICE	442,984.18	
MISCELLANEOUS	25,530.00	
STUDENT AID	25.00	

JULY 13, 1990  
GIFTS, GRANTS AND CONTRACTS SUMMARY  
ITEMS PROCESSED 05-19-90 THROUGH 06-22-90

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTER SYSTEM	-0-	-0-	-0-	13,308	-0-	-0-	5,055	-0-	18,363
EAU CLAIRE	26,744	5,177	-0-	-0-	-0-	9,460	-0-	-0-	41,381
EXTENSION	442,984	-0-	-0-	25,530	-0-	-0-	25	-0-	468,539
GREEN BAY	-0-	-0-	-0-	500	-0-	9,204	60,710	-0-	70,414
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON	565,427	4,285,584	6,208	2,601,067	-0-	20,360,008	243,355	-0-	28,061,649
MILWAUKEE	-0-	416,833	-0-	108,222	-0-	848,988	2,770	-0-	1,376,813
OSHKOSH	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
PARKSIDE	-0-	-0-	-0-	21,387	-0-	169,344	2,938	-0-	193,669
PLATTEVILLE	309	10,555	-0-	14,559	22,468	4,000	154,887	-0-	206,778
RIVER FALLS	-0-	31,649	-0-	1,226	-0-	2,000	-0-	-0-	34,875
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STOUT	31,089	20,970	-0-	16,525	-0-	35,866	-0-	-0-	104,450
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	960	2,450	-0-	23,610	-0-	-0-	-0-	-0-	27,020
<b>TOTAL JUL 1990</b>	<b>1,067,514</b>	<b>4,773,219</b>	<b>6,208</b>	<b>2,825,934</b>	<b>22,468</b>	<b>21,438,871</b>	<b>469,739</b>	<b>-0-</b>	<b>30,603,952</b>
PREVIOUSLY REPORTED	16,392,436	17,276,311	1,104,949	19,174,016	1,458,214	241,740,239	77,127,870	257,482	374,531,517
<b>GRAND TOTAL</b>	<b>17,459,950</b>	<b>22,049,530</b>	<b>1,111,157</b>	<b>21,999,950</b>	<b>1,480,682</b>	<b>263,179,110</b>	<b>77,597,609</b>	<b>257,482</b>	<b>405,135,469</b>
<b>TOTAL JUL 1989</b>	<b>268,991</b>	<b>3,771,078</b>	<b>6,695</b>	<b>3,905,304</b>	<b>72,340</b>	<b>17,952,461</b>	<b>927,723</b>	<b>20,290</b>	<b>26,924,883</b>
PREVIOUSLY REPORTED	12,029,590	14,873,981	920,594	15,213,298	3,318,683	234,814,316	77,045,335	215,258	358,431,055
<b>GRAND TOTAL</b>	<b>12,298,581</b>	<b>18,645,059</b>	<b>927,289</b>	<b>19,118,602</b>	<b>3,391,023</b>	<b>252,766,777</b>	<b>77,973,058</b>	<b>235,549</b>	<b>385,355,938</b>
<b>FEDERAL TOTAL JUL 1990</b>	<b>272,730</b>	<b>4,546,964</b>	<b>-0-</b>	<b>228,076</b>	<b>22,468</b>	<b>16,284,809</b>	<b>291,722</b>	<b>-0-</b>	<b>21,646,769</b>
PREVIOUSLY REPORTED	4,952,669	15,074,884	319,661	3,313,292	1,317,345	163,764,947	72,062,591	-0-	260,805,388
<b>FEDERAL GRAND TOTAL</b>	<b>5,225,399</b>	<b>19,621,848</b>	<b>319,661</b>	<b>3,541,368</b>	<b>1,339,813</b>	<b>180,049,756</b>	<b>72,354,313</b>	<b>-0-</b>	<b>282,452,157</b>
<b>FEDERAL TOTAL JUL 1989</b>	<b>3,930</b>	<b>3,512,607</b>	<b>-0-</b>	<b>317,104</b>	<b>58,340</b>	<b>13,550,983</b>	<b>592,415</b>	<b>-0-</b>	<b>18,035,379</b>
PREVIOUSLY REPORTED	4,231,219	12,885,157	319,827	3,060,801	1,487,708	177,307,113	73,101,459	12,000	272,405,283
<b>FEDERAL GRAND TOTAL</b>	<b>4,235,149</b>	<b>16,397,764</b>	<b>319,827</b>	<b>3,377,905</b>	<b>1,546,048</b>	<b>190,858,095</b>	<b>73,693,874</b>	<b>12,000</b>	<b>290,440,662</b>



BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

President - Thomas L. Lyon  
 Vice President - Albert O. Nicholas

Regent-Committees - Executive Committee - Committee appointments!

STANDING COMMITTEES

Executive Committee

Thomas L. Lyon (Chair),  
 Albert O. Nicholas,  
 Daniel Gelatt,  
 Herbert J. Grover,  
 Adolf L. Gundersen,  
 Paul R. Schilling, &  
 Laurence A. Weinstein, p. 3 & EX A

Business and Finance Committee

C. Daniel Gelatt (Chair),  
 George K. Steil, Sr. (Vice Chair),  
 Robert J. Vattendahl, &  
 Robin J. Vos, p. 3, EX A  
 Thomas L. Lyon (ex officio)  
 Albert O. Nicholas (ex officio)

Education Committee

Herbert J. Grover (Chair),  
 Erroll B. Davis (Vice Chair),  
 Ruth C. Clusen,  
 Delmar E. DeLong,  
 Ness Flores,  
 Paul R. Schilling, &  
 Laurence A. Weinstein, p. 3 & EX A  
 Thomas L. Lyon (ex officio)  
 Albert O. Nicholas (ex officio)

Physical Planning and Development Committee

Adolf L. Gundersen (Chair),  
 Lee S. Dreyfus (Vice Chair),  
 Esther Doughty Luckhardt, &  
 Phyllis Krutsch, p. 3 & EX A  
 Thomas L. Lyon (ex officio)  
 Albert O. Nicholas (ex officio)

Personnel Matters Review Committee

Erroll B. Davis, Jr. (Chair),  
 Lee S. Dreyfus,  
 George K. Steil, Sr., &  
 Thomas L. Lyon (ex officio), &  
 Albert O. Nicholas (ex officio), p. 3 & EX A

Student Discipline and Student Governance Appeals

Ness Flores (Chair),  
 Ruth C. Clusen,  
 C. Daniel Gelatt,  
 Thomas L. Lyon (ex officio), &  
 Albert O. Nicholas (ex officio), p. 3 & EX A

OTHER COMMITTEES

Liaison to Association of Governing Boards  
 Phyllis Krutsch

Council of Trustees, UW Hospital and Clinics  
 Ness Flores (term on Council to 1993) (Chair)  
 Laurence A. Weinstein (term on Council to 1991) (Vice Chair)  
 Adolf L. Gundersen (term on Council to 1993)  
 Esther Doughty Luckhardt (term on Council to 1991)

Higher Educational Aids Board  
 (Governor's appointments)  
 Erroll B. Davis, Jr.  
 C. Daniel Gelatt  
 Esther Doughty Luckhardt

Wisconsin Board, Vocational, Technical and Adult Education  
 Thomas L. Lyon or  
 Albert O. Nicholas

Wisconsin Educational Communications Board  
 Ruth C. Clusen (term on Board to 1993) (Chair)

Special Regent Committee for UW-Milwaukee Chancellor  
 Erroll B. Davis, Jr. (Chair)  
 Ruth C. Clusen  
 Ness Flores  
 Herbert J. Grover  
 Paul R. Schilling  
 Thomas L. Lyon (ex officio)  
 Albert O. Nicholas (ex officio)

Special Regent Committee for Dean of Education, UW-Madison  
 Herbert J. Grover (Chair)  
 Ruth C. Clusen  
 Erroll B. Davis, Jr.  
 Thomas L. Lyon (ex officio)  
 Albert O. Nicholas (ex officio)

Special Regent Committee for Vice President for Academic Affairs, UW System  
 Herbert J. Grover (Chair)  
 Ruth C. Clusen  
 Esther Doughty Luckhardt  
 Paul R. Schilling  
 Laurence A. Weinstein  
 Thomas L. Lyon (ex officio)  
 Albert O. Nicholas (ex officio)

Task Force on Supplies and Expenses Funding (Regent Co-Chairs)  
 C. Daniel Gelatt  
 George K. Steil, Sr.

Legal Services Study  
 Paul R. Schilling  
 George K. Steil, Sr.

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

As Adopted 11-5-71 and Amended to 7-13-90

**EXHIBIT B**

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

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CHAPTER I  
MEETINGS AND BUSINESS OF THE REGENTS

Annual Meetings

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

Regular Meetings

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

Special Meetings

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

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

#### Place of Meetings

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

#### Quorum

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

#### Parliamentary Rules and Order of Business

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

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

- (1) Calling of the roll
- (2) Approval or amendment of the minutes of the proceedings  
of the last meeting
- (3) Report of the President of the Board
- (4) Report of the President of the University System
- (5) Report of the Secretary
- (6) Reports of standing committees
- (7) Reports of special committees
- (8) Additional resolutions
- (9) Communications, petitions, and memorials
- (10) Unfinished and additional business

## CHAPTER II

### Officers of the Board and Their Duties

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

### Mode of Election

Section 2. The officers of the Board shall be elected by ballot at the annual meeting, and shall hold their respective offices for one year and until their successors shall be elected. Their terms of office shall begin immediately after the annual meeting at which they are elected.

### Duties of the President of the Board

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

#### Duties of the Vice President of the Board

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

#### Duties of the President Pro Tem

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

#### Duties of the Secretary

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

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

#### Assistant Secretaries

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

#### Trust Officer and Assistant Trust Officers

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



CHAPTER III

Committees of the Board

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

a. **Education Committee** consisting of such members as are appointed annually thereto by the President of the Board following the annual meeting. The President and Vice President shall serve as ex officio voting members and the President shall designate the Chair and Vice Chair of the Committee.

b. **Business and Finance Committee** consisting of such members as are appointed annually thereto by the President of the Board following the annual meeting. The President and Vice President of the Board shall serve as ex officio voting members and the President shall designate the Chair and Vice Chair of the Committee.

c. **Physical Planning and Development Committee** consisting of such members as are appointed annually thereto by the President of the Board following the annual meeting. The President and Vice President of the Board shall serve as ex officio voting members and the President shall designate the Chair and Vice Chair of the Committee.

d. **Executive Committee** consisting of the President of the Board, who shall serve as Chair, the Vice President of the Board, the Chair of the Education Committee, the Chair of the Business and Finance Committee, the Chair of the Physical Planning and Development Committee, the member of the Board who shall have most recently been the President of the Board and one other member of the Board appointed by the President of the Board. In the event that there shall be no member of the Board

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

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

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

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

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

#### Duties of the Education Committee

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

#### Duties of the Business and Finance Committee

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

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

Duties of the Physical Planning and Development Committee

Section 4. The Physical Planning and Development Committee shall have charge of consideration of all matters related to the capital building program. This includes approval of budgets, advance planning, design reports, funding and capital budget development policies, and authorization to bid and construct in connection with projects for new construction and improvements of \$30,000 or more; location of new buildings and improvements; facilities namings; gifts-in-kind of facilities and property; campus development and transportation plans; real estate transactions, including sale, purchase, exchange, lease, zoning, relocation costs, and condemnation; easements and land use permits; telecommunication system acquisitions; steam sale agreements; assessable improvements; and Wisconsin Environmental Policy Act implementation. The Chair of the Physical Planning and Development Committee may create one or more subcommittees to consider any matter properly before the Physical Planning and Development Committee and shall appoint the subcommittee members and the Chair from among those members of the Board serving on the Physical Planning and Development Committee.

Duties of the Executive Committee

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

Duties of the Personnel Matters Review Committee

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

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

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

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

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

Duties of the Committee on  
Student Discipline and Student Governance Appeals

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

a. Student discipline matters.

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

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

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

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

b. Student governance appeals.

(1) Mandatory review. Where review of a student governance matter is required by the Board's policies, such as by Regent Policy Document 86-4, *Guidelines for Implementation of 36.09(5), Wisconsin Statutes*, the Committee may conduct the review. All such proceedings shall be conducted upon the record of the matter created at the institutional or administrative levels. The Committee shall prepare recommended findings and a decision, and shall transmit them to the full Board for final action.

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

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

(3) Where the review of a student governance matter is discretionary, the Committee shall prepare a recommendation as to whether the request for review should be granted, and shall transmit it to the full Board for action. If the Board determines that a request for review should be granted, the



Committee may conduct the review. All such proceedings shall be conducted upon the record of the matter created at the institutional or administrative levels. Unless the request for review is withdrawn, the Committee shall prepare a recommended decision, and shall transmit it to the full Board for final action.

#### CHAPTER IV

##### Amendments

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

##### Suspension of Bylaws

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

#### CHAPTER V

##### SYSTEM ADMINISTRATION

##### President of the University of Wisconsin System

Section 1. The President of the University of Wisconsin System has full executive responsibility for the operation and management of the System. He or she shall carry out the duties prescribed in Wisconsin Statutes for this

office, and such other duties as may be assigned by the Board or be implicit in policy actions of the Board. The President of the System shall see to the appropriate staffing of System administrative offices, and direct and coordinate the activities of these offices as needed to fulfill his or her responsibilities. All items to be brought before the Board of Regents for action, except matters which come to the Board pursuant to its administrative rules or existing policies and those initiating in the Board itself, should reach the Board through the President of the University of Wisconsin System and carry his or her recommendation. If an item arises at or is related to an institution, the President shall ensure that it has first been through the established institution governance process and carries the Chancellor's recommendation; if it has not been through the institution governance process, the President shall request that it be so considered by the institution. On appeals of matters which have been through the institution governance process, the President shall verify that all institution procedures have been exhausted and will then determine whether, in the President's judgment, the Board of Regents should consider the matter. A decision by the President that the matter should not be considered by the Board can be appealed directly to the President of the Board. If the President of the Board determines that the matter should not be considered by the Board, any member of the Board may request that the matter be considered by the Board. A request that an item be considered by the Board which comes from other than the President or any member of the Board must be in writing. Persons making such requests shall be advised in writing of determinations by the President of the System and President of the Board regarding their requests. Failure by the President of the System or the President of the Board to act on a written request that an item be considered by the Board within sixty days of its receipt shall be deemed a denial of the request.

### Vice Presidents

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

### Staff Services to the Board of Regents

Section 3. The President shall, with the approval of the Board, designate a vice president as principal staff officer for the Education Committee, the Business and Finance Committee and the Physical Planning and Development Committee of the Board or, in the event of the unavailability of an appropriate vice president, an associate vice president or other major administrative officer to perform this function. The persons so designated shall provide to the committee such materials and papers as may be required for the agenda of the committee, and be prepared to respond to such other requests for information or interpretation as the committee or its members may require. The Vice Presidents shall designate staff to serve as recording secretaries of these three committees.

7/13/90

I-4  
II-1  
III-1

K. UW-WHITEWATER

- 1) 1987-89 Williams Center Pool Piping Repair (8803-67)
  - a) All Work: \$ 15,000  
H. J. Pertsborn Plumbing & Heating;  
Madison
- 2) 1989-91 Heating Plant Ash Unloader Replacement (9001-29)
  - a) All Work: \$ 39,926  
Mechanical Associates of WI, Inc.; Racine

L. UW SYSTEM

- 1) 1987-89 Hazardous Waste Accumulation Facilities (8804-28)
  - a) General Work: \$ 86,578  
Hehl-Grohn Co., Inc.; Eau Claire
  - b) Plumbing & HVAC Work: 43,911  
Certified Inc.; Altoona
  - c) Electrical Work: 12,299  
L. L. Dahl Electric; Chippewa Falls
  - d) Total Contracts: \$ 142,788

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

A. UW-MILWAUKEE:

- 1) 1987-89 Lapham Hall Science Center Addition (8508-07)
  - a) Change Order E-3: \$ 35,921
  - b) Change Order E-5: \$ 41,824

*Rebulet's*

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

A) The UW-Madison Vice Chancellor for Administration has signed on June 13, 1990, on behalf of the Board of Regents, ~~an~~ agreement with the Green Bay Packers and the New Orleans Saints for the use of Camp Randall Stadium ~~for a professional football exhibition game to be played on August 18, 1990,~~ *non-pro. Item A*

*(ref)*  
Camp Randall - (same)

## G. UW-PARKSIDE:

- 1) 1989-91 Greenquist Hall Sound Attenuation  
(8908-19)
- a) All Work: \$ 59,549  
Advance Mechanical Contractors; Racine

## H. UW-PLATTEVILLE:

- 1) 1987-89 Underground Storage Tank Removal and  
Walk Replacement (8808-10)
- a) Sidewalk Work: \$ 18,000  
Iverson Construction, Inc.; Platteville
- 2) 1989-91 East Campus Parking and Site Development  
(8906-13)
- a) General: \$ 494,000  
Iverson Construction, Inc.; Platteville
- b) Electrical: 122,123  
Poellinger Electric, Inc.; La Crosse
- c) Total Contracts: \$ 616,123

## I. UW-RIVER FALLS

- 1) 1987-89 Kleinpell Fine Arts Building Theatre  
Lighting Control System Replacement  
(8901-19)
- a) All Work: \$ 120,800  
A. A. Hanson Electric, Inc.; Osceola

## J. UW-STEVENS POINT

- 1) 1990 University Center Roof Replacement (9001-26)
- a) All Work: \$ 38,800  
Nieman Central WI Roofing; Lyndon Station
- 2) 1989-91 Six Parking Lots Repair (9003-40)
- a) All Work: \$ 157,760  
American Asphalt of WI; Wausau

APM -

B) ~~an Annual Agreement has been signed between Associated Production Music (APM) and the University of Wisconsin System (University) for the period July 1, 1990 and ending June 30, 1991. This agreement does hereby grant to the University for a period of one year the nonexclusive right of synchronization for music which comes under the representation of APM.~~ *with* *nonpus. Item B*

*Experimental stations -*

*(Xray) Agriculture - (same)*

C) ~~Distribution Agreement for "Friendship Blueberry Cultivar," which was developed by two faculty members of the UI-Madison's Wisconsin Agricultural Experiment Station, has been fully signed. This Agreement grants nonexclusive right for distribution by Hartmann's Plantation, Inc. and Knight Hollow Nursery, Inc.~~ *nonpus. Item C*

SESAC, Inc. D)

~~An Agreement has been signed between SESAC, Inc., A New York corporation and the University of Wisconsin System, whereby SESAC grants to all UI System campuses the nonexclusive license to publicly perform by live or mechanical means, the musical compositions in the SESAC repertory. This agreement is for the period of five years from January 1, 1990 and shall continue thereafter in full force and effect for successive additional periods of five years each unless terminated by either party.~~ *nonpus. Item D*

E) University of Wisconsin Press Agreements:

Barbara Hughes Fowler	THE CITY WALLS
Stanley G. Payne	Republican Spain, 1931-1936
Paolo Cherchi Usai	BEFORE AND AFTER CABIRIA: Aesthetics of the Italian Cinema, 1896-1931

LEASES

On signature of the Vice President for Physical Planning and Development, the following Lease Agreements have been executed:

Lessee: Board of Regents, University of Wisconsin System  
 Lessor: Soo Line Railroad Company  
 Location: Red Oak Grill Terrace Addition  
 (Corner of Johnson and Orchard Streets)  
 Size: Approximately 1,310 square feet  
 Lease term: August 1, 1990 to July 31, 1991  
 Annual rental: \$400.00  
 Purpose: Retaining wall and terrace for Red Oak Grill

Lessee: Board of Regents, University of Wisconsin System  
 Lessor: Soo Line Railroad Company  
 Location: Parking Lot, 115 Mills Street, Madison, WI  
 Size: Approximately 6,800 square feet  
 Lease term: January 1, 1990 to December 31, 1990  
 Annual rental: \$2,040.00  
 Purpose: Employee parking

UNIVERSITY OF WISCONSIN-MADISON  
ACADEMIC SUPPORT SERVICES ORDERS  
FROM 05/01/1990 THROUGH 05/31/1990

06/04/1990  
PAGE 1

ALTECH LABORATORIES INC  
MADISON WI  
NUMBER/DATE: 331K811000468 05 31 1990

Academic Support Services Order for Surgical  
& Histological Testing Services as requested.

MANPOWER DEMONSTRATION RESEARCH CORP  
NEW YORK NY  
NUMBER/DATE: 807M063020563 05 30 1990

Academic support services order for Dr.  
Gueron's paper for the IRP/ASPE conference.

MADISON GENERAL HOSPITAL  
MADISON WI  
NUMBER/DATE: 434M044025147 05 03 1990

Lump sum payment for clinical supervision  
during both fall and spring semesters of  
nursing students in N319.

VISITING NURSE SERVICE  
MADISON WI  
NUMBER/DATE: 433M156025598 05 03 1990

For services of clinical supervision and  
teaching of UW Nursing students during  
1989-90 Spring Semester.

LAPORTE, DANIEL D  
SANTA BARBARA CA  
NUMBER/DATE: G009531066028 05 08 1990

Academic Support Services Order for research  
services of Daniel LaPorte to help advance  
the design of the High Resolution Interfero-  
meter Sounder for both space and terrestrial  
applications.

WISCONSIN INSTITUTE OF FAMILY MEDICINE  
MADISON WI  
NUMBER/DATE: 689N581067459 05 10 1990

Academic support services order for  
Recruiting Study Group Participants for  
the purposes of Research on Prevention  
Activities in Primary Care Group Practice.