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

Eau Claire, Wisconsin

October 6, 1989

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MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Eau Claire, Wisconsin

Held in Room 202A, W. R. Davies University Center
Friday, October 6, 1989
9:00 a.m.

- President Schilling presiding -

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

ABSENT: Regents Vattendahl and Weinstein

Stating that the Regents were delighted to be at UW-Eau Claire, President Schilling noted the beauty of the campus and the university's well-known focus on liberal arts education.

Dreyfus, Lee Sherman - welcome to Board, p.1

Welcome to Regent Dreyfus

Regent President Schilling welcomed former Governor Lee Sherman Dreyfus, who had been appointed to the Board of Regents to succeed Regent Fish. "He is a man who is not only a marvelous human being, but one who has contributed much to quality higher education in this state and in the nation. Governor Dreyfus, we welcome you to our Board."

Legislature -

Introduction of Representative Lahn to meeting, p.1

President Schilling recognized and welcomed to the meeting State Representative Jacquelyn Lahn of Osseo.

Approval of the Minutes

Upon motion by Regent Davis, seconded by Regent Dreyfus, the minutes of the September 8, 1989, meeting were approved, with an amendment to record Regent Doughty Luckhardt as voting "No" on Resolution 5311.

Educational Communications Board - Report on Ku band uplink & telecommunications p. 2

REPORT OF THE PRESIDENT OF THE BOARD

Report of the Chair of the Educational Communications Board

Regent Clusen, Chair of the ECB, reported on a particularly significant event in educational communications at the time of the September ECB meeting--inauguration of the first Ku band satellite uplink, which transmits programs by playback of a videotape or through a microwave link. The uplink was made possible through funding and technical assistance from a number of educational units: the ECB, the Department of Public Instruction, UW Extension and the Cooperative Extension Telecommunications Division, the UW-Madison College of Engineering, the College of Agricultural and Life Sciences, and the School of Business. Thus, the uplink exemplified what can be accomplished when the various parts of the educational system work together toward a mutually desired goal.

Noting that this is Wisconsin's first and only public Ku band uplink facility, Regent Clusen said the inauguration was attended by the Governor, the State Superintendent of Public Instruction, the UW Extension Chancellor, representatives of the VTAE System and over 100 others who were excited about the possibilities offered by this technology. Federal funds for the project came from the National Telecommunications and Information Administration. While other universities had been using such technology for a number of years, Regent Clusen felt the quality of the programs to be transmitted through this uplink will surpass many of those that already appear.

Regent Clusen also called attention to two telecommunication items before the Board of Regents at this meeting: the strategic planning guidelines for engineering, which referred to the ongoing need for funds and expertise for telecommunications; and the funding proposals for telecommunications systems, which would help to remedy the problem of obsolete equipment. She urged Board support for both proposals.

VTAE - Written report on meeting, p. 2

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

Regent President Schilling called attention to the written report submitted by Regent DeLong, President of the State Board of Vocational, Technical and Adult Education.

Hospital Council of Trustees - Plans for December 8 tour, p. 3

Report on the Council of Trustees of University Hospital and Clinics

Regent Flores, Chair of the Council of Trustees, reported that a tour of UW Hospital was being planned for December 8.

Legislative Update

Vice President Bornstein referred to the written reports on pending legislation which had been provided to the Regents.

*Regent Committee Study
Legal Services - Review planned*

Report on UW System Legal Services

~~Regent President Schilling reported on his preliminary work to structure a review of legal services delivery in the System. He indicated that further reports on this matter will be forthcoming.~~ p. 3

REPORT OF THE PRESIDENT OF THE SYSTEM

Approval of Nonpersonnel Actions/Informational Items

Upon motion by Regent Vos, seconded by Regent Flores, Resolution 5322 was unanimously adopted by the Board of Regents.

Resolution 5322: 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.

UW-Eau Claire

~~Presentation: UW-Eau Claire Diversity Initiative, pp 3-7~~

In the effort to increase cultural and ethnic diversity as outlined in the President's report, *Design for Diversity*, Chancellor Schnack reviewed UW-Eau Claire's methods to accomplish its goals: an all-university conference on diversity; review of initiatives to improve recruitment and retention of minority faculty, staff and students; enhancement of the scholarship program for new minority freshmen, with help from the UW-Eau Claire Foundation; a study of curriculum and development of a graduation requirement to better educate students for an increasingly multicultural society; and establishment of a code of conduct which has been submitted to System Administration for review. In addition, faculty and academic staff have developed programs to focus on ways to assist in diversification: first, the responsibility to serve the educational needs of minority students; second, the responsibility to provide a high quality

Presentations - UW-Eau Claire presentation to Board on diversity initiative, pp 3-7

education for all students, which includes providing a learning environment which is diverse and supportive; and third, a responsibility to the future of this society and the need to have an educated citizenry. There was some success in many areas the past year, he stated, but much remains to be done; and with UW-Eau Claire's commitment to the goal of diversification, it will continue its efforts.

The Chancellor then introduced those who would make the presentation: Dr. Lee Grugel, Dean of the School of Arts of Sciences and Professor of History; Jennifer Heins, a sophomore majoring in music therapy; and Dr. Ronald Satz, Dean of the School of Graduate Studies and Director of Research and Professor of History.

Dr. Grugel stated that the foundation for their activity lies in a shared commitment to quality undergraduate education and mutual responsibility for providing an educational experience and environment which will prepare the students to live and work effectively in the 21st Century.

Being designed for long-term progress, the first are those efforts related to the university community--the students and the faculty. Through the work of the American Ethnic Coordinating Office, the Admissions Office, and the faculty, the ability to recruit, and equally important, to retain minority students, is being improved. Approximately two percent of those enrolled are minority students. Three percent of the entering freshman class this fall were minority students. It is a small percentage, but there will be increases in the future because of the effective and expanded recruitment efforts. Scholarships have been created for minority students, and special responsibility for recruitment has been assigned to highly qualified personnel in the American Ethnic Coordinating Office. Each academic department has identified a faculty liaison member to work directly with the American Ethnic Coordinating Office and with departmental colleagues on issues related to recruitment and retention. Figures show that retention of minority students is equal and perhaps even slightly ahead of majority students at UW-Eau Claire, the reasons for this having to do with the quality of minority students admitted. Last fall, 43 percent of minority applicants were in the top quartile of their high school class and 86 percent of minority applicants were in the top half. By solid recruitment/retention efforts and alumni contacts, a strong foundation is being built for continuing growth in both the numbers and the quality of the minority student population.

Turning to efforts being made with faculty, Dr. Grugel emphasized the difficulty of attracting minority faculty and professional staff in light of shrinking pools of individuals and extremely strong competition. Multiple strategies have been employed successfully to identify more minority faculty through personal contacts and networks. As a result, this year three well-qualified black faculty members have been brought to the School of Arts and Sciences and one to the School of Nursing, all of whom hold doctorate degrees. Representing a significant growth over past years, six percent of UW-Eau Claire's faculty and academic staff are minorities.

Through UW System support of the Undergraduate Teaching Improvement Council, short-term faculty and student exchanges also have been arranged with Tennessee State University in Nashville and with Tougaloo College in

Jackson, Mississippi, which are historically black institutions, and with Sinte Gleska College in South Dakota, which is an American Indian college. Both Dr. Grugel and the student body president will be participating in an exchange program with Tougaloo College in the coming weeks. This kind of acquaintanceship, made possible and supported by UW System efforts, is believed to lead to long-term faculty and student exchanges which will enrich the educational environment as well as the educational experience of students and professional staff at those institutions. Involving faculty, staff and students in creative consideration of these issues has been a positive component of the efforts to diversify the faculty, staff and curriculum.

Dr. Grugel then showed a videotape production which was presented at the beginning of the academic year at a two-day, all-university symposium on diversity. In the video, the keynote speaker, Dr. Sarah Melendez, provided challenges for the over 350 participants at the symposium, the primary purpose of the symposium being to stimulate thinking and share ideas from a broad section of the university community related to enhancing ethnic, cultural and gender diversity. A call for papers resulted in a dozen faculty and students giving presentations in small group sessions, which resulted in ample opportunity for participants to exchange views and develop recommendations concerning enhancement of diversity on campus. At the symposium, Dr. Melendez further challenged those in attendance to move even further beyond diversity and to think of pluralism. She said that diversity is nothing more than difference or different people being in proximity. Pluralism goes further, she stated, and refers to the coexistence of numerous distinct ethnic, religious or cultural groups and the belief that no single explanatory system or view of reality can account for all the phenomena of life. The video concluded with a number of positive remarks from those who attended the symposium.

Ms. Jennifer Heins said that strong convictions and beliefs as an active minority student in the fight for diversity led her to convey a different message from the original abbreviated version of her co-authored paper, "Ethnic/Minority Curriculum as a General Education Requirement." She capsulized the events that had brought her to this point: When UW-Eau Claire hosted the American Minority Leadership Conference in April, papers were solicited on the theme of diversification, and she and her co-author, Peter Vogel, a majority alumni of UW-Eau Claire, were encouraged to prepare and submit their paper, which was chosen to be presented. That paper, she said, conveyed the concept of diversity; and she and Mr. Vogel physically and symbolically represented what diversification stands for--majority and minority working together. However, she complained that her co-author was not invited to speak at the conference nor at the fall symposium and that his work was not properly acknowledged.

Emphasizing her message against separatism, and for diversity, Ms. Heins noted that there are people at UW-Eau Claire who are willing to fight for diversity and for an academic environment that will produce effective future leaders. "Let me leave you with this saying my mother told Peter and me the other night: 'They drew a big circle and shut me out, but I drew an even bigger circle and brought them in.'" She challenged all in attendance to step into a circle where minority and majority work together.

Thanking Ms. Heins and Mr. Vogel, Dr. Grugel stated that faculty and staff who attended the symposium were reminded by their paper that there is much more to be done to bring UW-Eau Claire's curriculum, particularly the general education component, in line with UW-Eau Claire's mission. He said that curricular requirements currently are being given very serious consideration and that the Academic Policies Committee last year instructed each of the undergraduate schools to review its own curriculum to provide recommendations for the university requirement in ethnicity that will be in place in the fall of 1990. It is UW-Eau Claire's intention to establish programs and course listings that will infuse undergraduate curriculum with a significant component of information and sensitivity relating to cultural and ethnic diversity.

Providing an overview of faculty and academic staff development and American Indian studies, Dean Satz said that UW-Eau Claire recognizes the need to actively promote cultural diversity in order to enhance the education of minority and majority students, and for several years it has utilized faculty and academic staff development programs as a means of enhancing cultural diversity across the campus.

For the past two years, with support from the UW-Eau Claire Foundation, faculty and academic staff have been provided with incentive awards for utilizing UW System programs, such as the Undergraduate Teaching Improvement Council grants, and internal programs to assist in this process of diversification. Examples of such effort include the four UW System Undergraduate Teaching Improvement Grants: Cultural diversity within the undergraduate nursing curriculum; Faculty training for including multicultural content in the undergraduate curriculum in communication disorders; a geography field study course in Washington, D.C. as an introduction to ethnic and cultural diversity; and Learning about the history of Wisconsin minority people through microcomputer study. In addition, internal professional development funds also have supported a variety of programs: Cultural literacy in professional education; Academic women; Reaffirming racial ethnicity; Weaving cultural diversity into literature and learning; and Oral history of Chippewa Elders at the Lac Courte Oreilles Reservation. He said that programs such as these are playing an important role in creating a learning environment in which the minority faculty and students being recruited will thrive and in which majority students will gain a better understanding of the real world.

A specific component of diversification efforts is American Indian studies. These studies draw on the expertise of professors in anthropology, art history, education, English, geography, history, and sociology and serve the needs of both the American Indian and non-Indian students. For the sixth consecutive year, UW-Eau Claire will host the Wisconsin Indian Arts Festival. The program will include a teacher education workshop component as well as an invitational art show and a youth art display. UW-Eau Claire also has sponsored a series of live radio broadcasts in Hayward on Chippewa treaty rights and a course on the same subject over the Educational Teleconference Network in cooperation with UW-Extension. The course was specifically designed to meet the needs of classroom teachers, social workers, ministers, police officers and others at their request. UW-Eau Claire outreach faculty and staff are assisting in maintaining ties with the educational leaders on the reservations throughout the state. The growing Hmong population in the community and on the campus also is being

assisted by UW-Eau Claire. Believing this to be an exciting time for supporters of diversification, Dean Statz thanked the members of the Board of Regents and the UW System administrators for their strong leadership in promoting cultural diversity and for continuing support of UW-Eau Claire's efforts.

President Shaw congratulated UW-Eau Claire for its leadership in this overall area and praised Chancellor Schnack for his role.

Legislature - Report on

President Shaw's Testimony before the Joint Committee on Employment Relations, pp 7-8

President Shaw reported on his testimony the previous day before the Joint Committee on Employment Relations (JCOER) regarding the 1989-91 pay plan proposals for faculty and academic staff submitted by the Department of Employment Relations.

Compensation - (same)

He first praised the Governor and the Legislature for providing catch-up monies for faculty and academic staff. Reflecting a commitment to market competitiveness, full funding of catch-up was designed to eliminate the salary erosion that occurred in the last biennium when Wisconsin's 2 percent pay increase was substantially lower than faculty and staff pay increases of between 5 percent and 7 percent at counterpart universities.

He went on to state that the 1989-91 pay plan is the only vehicle for preventing erosion from occurring this biennium. Estimates show that pay increases of competitors will be in the neighborhood of 6 percent annually. Thus, as reasonable as a 3.5 and 4 percent pay plan might appear, combined with special catch-up compensation, it still would leave the UW System behind competitors at the end of the next two years. While the catch-up and pay plan proposal would improve the situation, he wanted to be certain that JCOER knew the UW System would remain behind.

He also advised the Committee that competition for faculty will only increase in the years to come, with a third of UW System faculty reaching retirement age by the year 2000. Thus, it clearly will be a seller's market. As depicted by Professor William Bowen and Julie Ann Sosa in their new book, *Prospects for Faculty in the Arts and Sciences*, there will even be faculty shortages in the humanities and social sciences--something which had not been experienced for a long time.

The President suggested that the university, the executive branch, and the legislative branch together must develop a means of ensuring competitiveness through the 1990s.

He also reacted to the Department of Employment Relations recommendation for allowing the universities to reallocate existing funds, up to .25 percent each year, to be used to recognize meritorious performance, noting that all increases currently are administered on the basis of merit. While the additional flexibility is appreciated, he indicated that the UW System would not favor campuses' use of scarce supplies and expenses dollars for this purpose. Nor could a commitment be made to expending an additional \$4.3 million in GPR/Fees until more is known

about how much of the pay plan would in fact be fully funded. As early as last March, the Department of Administration had discerned that there would be about a \$6 million shortfall. The official position of the Department is to fully fund the pay plan as a sum-sufficient amount. The other alternative would be to cut the pay plan supplement proportionately.

President Shaw concluded his testimony by urging JCOER to fully fund the best faculty and academic staff pay plan that is possible and fiscally responsible.

Regent Flores asked if President Shaw at any time indicated to the committee that he or the Board of Regents were satisfied with the 3.5 and 4 percent proposed increase.

President Shaw replied that his testimony made it clear that the 3.5 and 4 percent increase is not sufficient and that 6 percent is what will be needed. He did not believe his testimony conveyed satisfaction with the proposed increase.

~~Report on Enrollment Management~~

*Report on enrollment management
pp 8-10*

Noting that preliminary figures were within one percent of accuracy, President Shaw reported that enrollment management was proceeding better than a year ago. The overall plan, now in its third year, was based on a reduction of 1,500 FTE students each year during the first two years, and 2,000 each year for the next two years, for a total 7,000 FTE reduction after four years. Larger reductions in the latter years were believed possible because of the ability to control new student numbers in the initial years. Stating that enrollment in the UW System was down again this fall, the President said preliminary information indicated a decline of 2,100 FTE students from 1987-88. This meant progress also had been made in overcoming the overage in the fall of 1988, which was far in excess of what had been planned, and in moving closer to the four-year target. This year's enrollment is .4 percent over target, which is about 500 FTE. This result was the outcome of sustained efforts by the institutions and occurred despite difficulties in managing enrollments.

Noting that two of these difficulties had positive educational effects, he cited the first as a continued increase in retention rates. Some institutions had reported that, while they were successful in managing numbers of incoming students, they underestimated the numbers of those who would continue. The second change was higher student credit loads, which increased the FTE enrollment but resulted in more students completing their education on schedule. This result was attributed to the effect of enrollment management in reducing competition for classes, plus the increase in the faculty that the Governor and the Legislature provided.

The number of new freshmen was reduced substantially, from 28,000 in the fall of 1988 to 25,000 this fall. A more detailed report on enrollment management would be presented in November after final figures from each institution had been analyzed.

In conclusion, President Shaw stated, "We must sustain our commitment to this effort through 1990. We cannot afford to let up and do not intend to. As the data I have distributed indicate, there are overages at some institutions which must be addressed as we plan for next year." Since any income earned through overages is not given to the over-enrolled campus, there is no real incentive to go above the target. While all institutions were trying to meet their goals, he noted, predicting human behavior will remain an imprecise science.

Regent Vos asked if all the institutions which exceeded their targets attributed the situation to increased retention and if all were on target for entering freshmen.

While detailed information on that point will be provided in November, President Shaw replied that overages generally could be attributed to retention and to students taking more credit hours. Freshman admission goals tended to be achieved.

Regent President Schilling noted that, as in the two earlier years of enrollment management, the chancellors with enrollments over target would have an opportunity to explain them at the meeting.

Stating that he was distressed by the report, Regent Nikolay commented that the objective of the University of Wisconsin System should be to educate the students of this state, not to see how many could be kept out of college.

Regent Dreyfus recalled a time when there was pressure on chancellors to raise enrollments and when institutions recruited intensely against each other. He asked if there was any idea about what had happened to the 3,000 students who were not admitted as freshmen and whether they were going to school in the VTAE System or elsewhere.

While he would try to provide more information on that point in November, President Shaw replied that part of what was being experienced was a demographic phenomenon resulting from the number of 18-year-olds being fewer this fall than the previous fall. Secondly, the students most adversely affected were in the lower quarter of their high school graduating classes. Studies had shown that these students had only a 15 percent chance to graduate in eight years. Instead of being admitted, these students were being asked to demonstrate their ability to succeed through attendance at a VTAE school or through other means. Third, there also had been an increase in private school and VTAE enrollments.

Regent Dreyfus observed that, in attempting to educate everyone, the universities really may not have been providing opportunity other than opportunity to fail for many who were not prepared for the experience. In an increasingly technological society, the notion that a university education is the answer for everyone was being questioned, and it was being found that other areas of education also are part of the answer. He felt the issue amounted to whether the enrollment decline was set in motion by the university or resulted from external forces. To the extent that it was university-initiated, the issue raised by Regent Nikolay should be decided by judgments as to societal advancement, not just on the basis of numbers or budgets.

Regent Vos inquired as to the disposition of funds earned from over-enrollments.

In reply, President Shaw indicated that the funds helped to meet income projections at institutions which were under their targets. If the overall number is above target, the extra dollars are left unspent and are carried into the next biennium to keep tuition and fees lower than they otherwise would have been.

Regent Vos observed that, in a sense, students at UW-Madison are funding students at UW-Milwaukee.

While excess fees earned at UW-Madison are going to UW-Milwaukee, President Shaw noted that individual students are not paying more at UW-Madison. In considering issues of the 1990s, he added, the Board will be confronting the question of enrollment in view of different demographics, due to a decrease in college-age young people from 1991 through 1997.

In asking for studies, Regent Hanson hoped thought would be given to whether the study really is necessary.

Regent Flores cautioned that enrollment management must not build an educational Maginot line. To avoid that, it will be necessary to remain flexible and constantly review the situation. He considered it important to find out what happened to the students not admitted to the UW System. "One element may be that we are in fact eliminating those who did not have much of a chance to succeed. If that is the case, then I think this is worthwhile, because we are doing the student no favor by taking his or her tuition and then letting them out the back door." However, he did not believe the private colleges were accepting students who had little chance of success. Therefore, he felt there were unanswered questions and that the Board must be attuned to the demographics and to what is taking place around the state.

Regent Schilling pointed out that the motivation for enrollment management and other tough decisions made in *Planning the Future* was not to be elitist or to make prejudgments about students. "It was first and foremost an effort to match our resources to our enrollment. For all those years when we enrolled students irrespective of our resources, we paid a dear price. There were lots of students taking six years to graduate and not being able to register for courses. Therefore, the decision was made to make sure enrollments coincided with resources so that quality would not be lost."

Stating agreement with Regent Schilling's comments, Regent Clusen said, "We faced a problem of maintaining quality with scarce resources and we made the tough decision to engage in some enrollment reduction as a result. I think we should not then chastise the people who are helping us meet our goals of keeping up our quality while our resources remain limited I would urge the Board to remember that it was not President Shaw who invented this plan. It was the Board of Regents in the Future Study."

Regents - Staff

REPORT OF THE EXECUTIVE COMMITTEE

Position Descriptions and Recruitment Plan for New Board of Regents Staff Positions, pp 11-12

Regent President Schilling reported that the Executive Committee met on October 4, 1989, to discuss position descriptions and a recruiting plan for the new Board of Regents staff positions. The Committee undertook this assignment in accordance with a delegation by the Board at the September meeting. Present were the following members of the Executive Committee: Regents Davis, Grover, Lyon, Schilling and Weinstein. Regent Doughty Luckhardt also participated in the meeting.

To begin the Committee discussion, President Schilling reviewed the origins of the positions which were provided in the biennial budget and the statutory language and appropriations which set the ground rules. The Executive Committee then discussed descriptions for these positions, as well as a plan for proceeding with recruitment.

Proposed position descriptions based on that discussion were distributed to the Board, and President Schilling urged Regent input as to those descriptions.

One of the statutory provisions for the positions, he noted, states that at the request of the Board of Regents, the Department of Administration shall assist the Board in the recruitment and selection of these staff. As reported at the September meeting, Secretary Klauser contacted President Schilling to offer such assistance, and a meeting with him was scheduled for the afternoon of October 4. Unfortunately, he was called to Washington, D.C. for high level discussions, but Regent President Schilling and Regent Vice President Lyon met instead with Budget Director Rick Chandler to discuss the Regents' approach.

In preparing the position descriptions, it first was decided by the Executive Committee that, instead of having two positions of equal rank, one position should be senior to the other, with the senior position to be titled "Executive Assistant" and the second position to be titled "Research Assistant." The proposed duties, credentials and characteristics, conditions of employment, and accountability, reporting and supervisory relationships were listed on the position descriptions before the Board.

As reported at the September meeting, the budget provided \$75,000 for these positions in the 1989-90 year of the biennium and \$95,000 in the 1990-91 year. The positions are created within the Department of Administration and funding is provided through that department, although the Board of Regents is to make the appointments and the incumbents are to serve at the pleasure of the Board. They are to conduct themselves in a manner not only exclusive to the Board, but confidential to the Board. Allowing for fringe benefits, the amount available for salaries is approximately \$73,500 on an annual basis for both positions.

The Executive Committee also discussed the recruitment process for the positions, the consensus being to develop a pool for targeting recruitment rather than using national advertisements. The hope was to draw upon Regents and others for candidates that might fit the characteristics set forth in the position descriptions.

While these positions can be hired outside of civil service requirements, Regent President Schilling stated that the Board of Regents will be committed in this endeavor, like all others, to equal opportunity in employment. Once a pool of nominees is obtained, it was proposed that the Executive Committee screen the applicants and schedule interviews with finalists. All Regents who are interested will be invited to participate in the interviews. Recommended candidates will be presented to the full Board.

Concluding the report, Regent President Schilling encouraged all Regents to participate in this effort.

Regent Hanson commented that she considered the positions redundant, in that they would be doing what is already done by experts in the System. She was opposed to the entire concept.

Noting that the Board's view on the topic had been expressed, Regent President Schilling said that his commitment is to fulfill the intent of the law. "We are being very careful about making sure that these people will supplement and not supplant; will help and not hinder; and will be diplomats that we are proud to have doing our bidding."

Regent Nicholas observed that there is a difference between these positions and positions within System Administration. First, they are to provide totally independent reports. Second, they are to provide special reports which normally would not be provided. Third, these studies, reports, and analyses are to be done at Regent origination. With those differences in mind, he felt the Board would benefit from the positions.

In response to a question by Regent Nikolay, Regent President Schilling explained that the legislation specifically precluded hiring any person for these positions who had been employed by the University System within the preceding 12 months. It was the consensus of the Executive Committee that it would be well to have a similar provision upon leaving the position, so that there would be an exclusion from moving from these jobs directly into System Administration or institution administration, except that the Board could, by express action, waive that provision. The intent is to avoid a circumstance in which Regents might feel that the real goal of a person in these positions is to move to system or institutional administration.

While there might appear to be inefficiencies, Regent Dreyfus commented that the positions might be viewed as a checks and balances approach rather than just adding another layer of bureaucracy. He felt this check and balance system would add strength in the legislators' minds to the recommendations that are made.

President Schilling concluded the discussion by indicating that a status report will be provided at the November meeting.

REPORT OF THE EDUCATION COMMITTEE

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

Education Consent Agenda Items

Resolutions 5323 and 5324, which had been approved unanimously by the Education Committee, were presented as consent agenda items for action as a single unit at this meeting.

There being no request to remove either item from the consent agenda, the resolutions were unanimously adopted by the Board of Regents, upon motion by Regent Grover, seconded by Regent Nicholas.

Authorization to Plan New Program: M.S. in Office Systems, R 5323, p.13
UW-Whitewater -

Resolution 5323: That, upon recommendation of the Chancellor of the University of Wisconsin-Whitewater and the President of the University of Wisconsin System, the Chancellor of the University of Wisconsin-Whitewater be authorized to implement the Master of Science in Office Systems.

Authorization to Plan New Program: B.S. in Therapeutic Recreation, R 5324, p.13
UW-La Crosse -

Resolution 5324: That, upon recommendation of the Chancellor of the University of Wisconsin-La Crosse and the President of the University of Wisconsin System, the Chancellor of the University of Wisconsin-La Crosse be authorized to implement the Bachelor of Science in Therapeutic Recreation.

Report of the Vice President for Academic Affairs

Strategic Planning -
Status of Strategic Planning Activities, p.13

Vice President Trani reported on the status of several strategic planning activities.

Regent Policies - reporting Intellectual Property

Regent Grover reported that Vice President Trani's office is to provide a summary of current administrative and Regent policies concerning copyrights, patents, and computer software, along with an informational report on such policies elsewhere, p.13

UW-Eau Claire

UW-Eau Claire Presentation on Faculty/Undergraduate Research Collaboration, P. 14

The Committee heard a presentation by UW-Eau Claire on the program of faculty and undergraduate student research collaboration.

Strategic Planning

Report on Strategic Planning in Engineering and Engineering Technology

R 5325, p. 14

Chairman Grover summarized discussion of the report on Strategic Planning in Engineering and Engineering Technology which was presented by Vice President Trani. Responding to questions, Professor James Skiles, chair of the steering committee, said that the report emphasizes quality of the programs above all, and advises against diluting resources across too many programs.

Committee members inquired about the nature of the Board's commitment in adopting the report, and Vice President Trani indicated that the Board would deal with financial implications in the next biennial budget request. The Committee discussed telecommunication needs, faculty hiring, interaction with industry, and whether there would be future decisions on expansion of such programs. The Education Committee then unanimously approved Resolution 5325.

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

Resolution 5325: That, upon recommendation of the President of the University of Wisconsin System, the UWS Administration Recommendations on Strategic Planning in Engineering and Engineering Technology be adopted as strategic planning guidelines for the period October 1989 to October 1994 for UW System institutions and their engineering and engineering technology colleges, schools, programs and departments.

Academic Staff

Transmittal of the 1989-91 Distribution Plan for Academic Staff Catch-up Adjustments to the Joint Committee on Employment Relations

JCOER, R 5326, pp 14-15, EX A

Reporting unanimous Committee approval of Resolution 5326, Regent Grover moved its adoption by the Board of Regent. The motion was seconded by Regent DeLong,

x ref Compensator - (same)

Resolution 5326: That, upon recommendation of the President of the University of Wisconsin System, the 1989-91 distribution plan for academic staff catch-up adjustments (EXHIBIT A) be approved for transmittal to the Joint Committee on Employment Relations by November 1, 1989.

Regent Flores asked if there had been discussions with the Department of Employment Relations about the distribution plan.

Replying in the affirmative, Executive Vice President Lyall noted that, while the statute requires the plan to be jointly submitted by the UW System and the Department of Employment Relations, advance approval by the Department is not required. In discussions with DER officials, there was some difference of opinion as to whether these funds should be allocated on the basis of title or on an individual basis as proposed in the plan. She was hopeful that the matter could be resolved and a joint proposal taken to the Joint Committee on Employment Relations.

In response to a further question by Regent Flores, Dr. Lyall explained that there had been legislative discussion about requiring submission of actual distribution on an individual basis. The final statutory language did not include that requirement, but included instead the requirement of a distribution plan, as provided in the proposal before the Board. System Administration is to review the distribution before any funds are paid, to assure that there is no across-the-board allocation and that the criteria are met.

Regent Davis asked if agreement with DER is required or if the UW System plan could be submitted separately.

While President Shaw felt the plan could be submitted separately, he did not anticipate that occurring, as UW System and DER representatives were close to agreement on what should be included. The Department's concern was that there be some kind of reporting system, not unlike what is required by legislation for faculty catch-up, and System representatives agreed to that suggestion. Therefore, he anticipated no difficulty in proceeding jointly with DER.

Put to the vote, Resolution 5326 was adopted, with Regent Doughty Luckhardt voting "No."

Academic Staff

→ Report on the Academic Staff Gender Equity Study, R 5327, pp 15-16

Regent Grover presented Resolution 5327, which had been approved by the Education Committee, and moved its adoption by the Board of Regents. The motion was seconded by Regent Davis.

Resolution 5327: That the six recommendations of the President of the University of Wisconsin System concerning steps to assure pay equity for women and minorities in the academic staff be adopted.

While she intended to vote for the resolution, Regent Hanson noted her concern that the first structuring effort had not resolved gender equity problems. She expressed the hope that this study would succeed in achieving the desired objective.

Regent Vos inquired as to how the study would identify the ten percent of staff which might be affected by this issue.

President Shaw observed that the first titling exercise had provided the benefit of establishing a structure, but there were some remaining problems, primarily because it was implemented so rapidly. One concern was

that those involved in making decisions knew the identities of the people being assigned and knew what their salaries were. The concern was that such knowledge made it difficult to be impartial about the value of the job. In fact, the report by Professor Hauser showed a high correlation between previous salary and placement in the hierarchy. For this study, academic staff will complete position descriptions which will be reviewed by trained people who will not know the identity of the individuals nor their salaries. On the basis of that review, positions will be placed within the structure. They then will be returned to the campuses for a face validity check. The possible ten percent who might be affected positively, along with those affected negatively, would be found through this blind analysis.

Noting that the exercise will take considerable time and money, President Shaw observed that what could be guaranteed is that staff will be titled in a way that eliminates any bias resulting from knowledge of staff identities and salaries.

Regent Doughty Luckhardt noted that the study will cost \$200,000, but this cost and any salary adjustments will be financed from existing resources.

President Shaw confirmed that is his intended recommendation, with the full cost depending upon what the study shows. The reason for the recommendation was that he viewed difficulties in the pay structure as a result of decisions made by System Administration and by the various campuses. He did not think the Governor and the Legislature should be asked to provide solutions for these problems.

Regent Vos asked if the cost in increased salaries could be estimated.

While he could not give an estimate at this time, President Shaw said that, if the expense is substantial, the increase might have to be phased in over time.

Put to the vote, Resolution 5327 was adopted, with Regent Vos voting "No."

Compensation
 → TAUWP Comments on Pay Plan, pp 16-17

Gloria Toivola, President of The Association of UW Professionals (TAUWP), expressed disappointment and anger over System Administration testimony at the previous days' meeting of the Joint Committee on Employment Relations.

Academic Staff - (same)
 Stating her understanding that the policy of the Board was to pursue salary increases of six percent for each year of the biennium, she said the case for the full six percent had not been pressed by President Shaw, even though members of the committee had indicated willingness to send the proposal back to the Department of Employment Relations and other university employees urged funding of the six percent increase. She commented that the the Department of Employment Relations' proposal of 3.5 percent the first year and four percent the second year is clearly unsatisfactory and would put UW System salaries behind those of peer institutions. One of the other

difficulties, she added, is that the additional .25 percent each year for merit increases is funded for every other state agency but not for the UW System, which is supposed to fund it from internal sources. She also expressed concern about health insurance provisions requiring increased payment by employees.

President Shaw noted that the amount in the budget for compensation had been known since last March. It is not as much as this Board approved and not as much as the UW System needs, which is what he had stated to the committee. In reviewing the recent history of JCOER recommendations, he had not found an occasion when the committee increased a Department of Employment Relations request. That being the case, he considered it his duty to inform the committee of the consequences of the DER proposal but not to take the matter further.

Professors, Wisconsin Distinguished - Establishment of W.T. Graham professorships; awarded to Alan C. Filley
 R 5328, pp 17-18

Wisconsin Distinguished Professor

Presenting Resolution 5328, which had been approved unanimously by the Education Committee in closed session, Regent Grover reported that the resolution would name a Wisconsin Distinguished Professorship for W. T. "Bill" Graham, who is establishing a \$1 million endowment for a chair in entrepreneurial studies in the UW-Madison School of Business and also is supporting the salary of a Wisconsin Distinguished Professor, who was named in December 1987.

Mr. Graham is the principal owner of the W. T. Rogers Company, a Madison office supply business, which he founded in 1948 with an initial investment of \$15. Last year's sales were nearly \$40 million. He has been involved in School of Business education and research on entrepreneurial topics, appearing in videotapes and speaking to classes. His business is used in instruction as a case study.

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

Resolution 5328: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Alan C. Filley, Wisconsin Distinguished Professor, School of Business, University of Wisconsin-Madison, be changed to the W. T. "Bill" Graham Wisconsin Distinguished Professor, School of Business, University of Wisconsin-Madison, effective immediately.

In response to a question by Regent Flores, Chancellor Shalala explained that there were two gifts involved: first the financial commitment for the endowed chair; and in addition, funding for the five-year distinguished professorship.

Put to the vote, Resolution 5328 was adopted unanimously by the Board of Regents.

Regent President Schilling indicated that a letter of appreciation will be sent to Mr. Graham.

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REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Regent Gundersen, Chair of the Physical Planning and Development Committee, presented the Committee's report.

Consent Agenda Items

Regent Gundersen presented Resolutions 5329-5337 as consent agenda items for action by the Board as a single unit and moved their adoption by the Board of Regents. The motion was seconded by Regent Nikolay.

Telecommunications -

UW Extension Approval to Purchase Fixed Telecommunications Equipment on the UW-Green Bay, UW-Madison and UW-Stout Campuses R 5329, p. 18

Resolution 5329: That, upon the recommendation of the UW-Extension Chancellor and the President of the University of Wisconsin System, approval be granted to seek the release of \$2,020,000 of 1989-91 General Fund Supported Borrowing - Major Equipment Replacement funds to purchase fixed equipment for the Telecommunications Production Centers at Vilas Hall on the campus at UW-Madison, and the Communications buildings on the campuses at UW-Green Bay and UW-Stout.

(Xref) UW-Extension - (same)

Bldg + Land -

UW System Approval to Seek Release of 1989-91 Advance Land Acquisition Funds, R 5330, p. 18

Resolution 5330: That, upon the recommendation of the UW-Madison, UW-Platteville, and UW-Stout Chancellors and the President of the University of Wisconsin System, authority be granted to seek the release of \$353,200 of 1989-91 Advance Land Acquisition Funds to appraise, option and purchase the specified parcels within approved campus boundaries at or below the average of the appraised values.

UW-Platteville - Bldg + Land - (same)

UW-Stout - Bldg + Land - (same)

	Parcels to be Acquired	Estimated Expense Purchase, Relocation, and Closing Costs
UW-Madison:	2	\$194,000
UW-Platteville:	1	56,900
UW-Stout:	2	102,300
TOTAL:	5	\$353,200

Bldg & Land -

UW-Madison: Approval of Design Report for 1987-89 Clinical Science Center Patient/Visitor Parking Structure, R 5331, P.19

Clinical Science Center - (same)

Resolution 5331: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, approval be granted for the Design Report for the 1987-89 Clinical Science Center (CSC) Patient/Visitor Parking structure, on the campus at UW-Madison; authority to use \$140,000 of Program Revenue funds for the preparation of contract documents; and authority to bid and construct this project at an estimated total project cost of \$6,900,000, using Program Revenue Supported Borrowing (Parking Utility) funds.

Bldg & Land -

UW-Madison: Approval of Design Report and Authority Granted to Install Equipment for a 1989-91 Central Chilled Water Additional Capacity Project, R 5332, P.19

Resolution 5332: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the Design Report be approved and authority granted to install equipment for a 1989-91 Central Chilled Water Additional Capacity project at an estimated cost of \$6,200,000 of General Fund Supported Borrowing.

UW-Stout - Bldg & Land -

UW-Stout: Approval of Design Report and Authority to Bid and Construct the Center for the Service Industries, R 5333, P.19

Resolution 5333: That, upon the recommendation of the UW-Stout Chancellor and the President of the University of Wisconsin System, the Design Report be approved and authority granted to bid and construct the Center for the Service Industries project at an estimated total project cost of \$1,817,000 using General Fund Supported Borrowing.

Bldg & Land -

UW-Madison: Approval for Authority to Construct a 1989-91 Biochemistry Building Fume Hood Upgrade Project, R 5334, P.19

Resolution 5334: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to construct a 1989-91 Biochemistry Building Fume Hood Upgrade project at an estimated total cost of \$1,342,000 using 1989-91 General Fund, Supported Borrowing - Health and Safety Allocation.

Biochemistry Bldg. - (same)

UW-Platteville - Bldg + Land -

UW-Platteville Approval to Increase the Dairy Center Redevelopment-Phase 3 Project, R 5335, p. 20

Resolution 5335: That, upon the recommendation of the UW-Platteville Chancellor and the President of the University of Wisconsin System, approval be granted to increase the Dairy Center Redevelopment - Phase 3 project by \$140,000 of Residual Borrowing Authority, from \$363,000 to a revised total cost of \$503,000, and to construct the Dairy Center Redevelopment - Phase 4 project at an estimated total project cost of \$309,000, which will be combined with the 1987-89 Dairy Center Development - Phase 3 project for a total estimated project cost of \$812,000 (\$672,000 of General Fund Supported Borrowing and \$140,000 of UW System Residual Borrowing Authority.)

UW-Stevens Point - Bldg + Land -

UW-Stevens Point Approval of a Pray and Sims Residence Halls Renovation Project, R 5336, p. 20

Resolution 5336: That, upon the recommendation of the UW-Stevens Point Chancellor and the President of the University of Wisconsin System, authority be granted to construct a Pray and Sims Residence Halls Renovation project, for an estimated total project cost of \$2,217,500 of Program Revenue Supported Borrowing.

UW System: Approval to Construct Minor Projects

Resolution 5337: That, upon the recommendation of the UW-Green Bay, UW-River Falls, UW-Stevens Point, UW-Superior and UW-Whitewater Chancellors and the President of the University of Wisconsin System, authority be granted to bid and construct the following minor projects, at the costs and from the funding sources indicated, summarized as follow:

Program Revenues	\$582,200
Gifts	181,300
General Fund Supported Borrowing - Remove Architectural Barriers	155,100
	\$918,600

UW-Green Bay - Bldg + Land - Approval of

UW-Green Bay: Parking Lot Replacement, ~~\$245,000~~ R 5337, pp 20-21
(\$181,300 Gifts and \$63,700 Program Revenues)

UW-River Falls - Bldg + Land - Approval of

UW-River Falls: Residence Halls Emergency Generators Installation, \$120,000, Program Revenues R 5337, pp 20-21

UW-Stevens Pt. - Bldg + Land - Approval of

UW-Stevens Point: George Stien Annex Restrooms and Elevator Addition, ~~\$155,100~~, General Fund Supported Borrowing - Remove Architectural Barriers R 5337, pp 20-21

UW-Superior - Bldg + Land - Approval

~~UW-Superior~~ Rothwell Student Center Air Conditioning, \$230,000, ~~Program Revenues~~ R 5337, pp 20-21

UW-Whitewater - Bldg + Land - Approval

~~UW-Whitewater~~ University Center Addition and Arey Hall Roof Replacements, \$168,500, ~~Program Revenues~~ R 5337, pp 20-21

Regent President Schilling asked if there were requests to remove any items from the consent agenda.

Regent Hanson inquired as to the total cost of items included in these resolutions.

Regent Gundersen replied that the total was approximately \$22 million, the largest item being the long-overdue parking ramp at University Hospital for a cost of approximately \$7 million. In addition, there was a chilled water capacity project which also would serve the Veterans Administration Hospital, along with a number of maintenance and other items.

Regent Clusen noted the difficulty for those not on the Committee of having to decide so quickly whether to request removal of an item.

There being no request to remove items from the consent agenda, the question was put and Resolutions 5329-5337 were adopted unanimously.

UW-Eau Claire - Bldg + Land -

→ Approval of UW-Eau Claire 1989 Campus Development Plan, R 5338, p 21

Reporting unanimous Committee approval of the 1989 Campus Development Plan for UW-Eau Claire, Regent Gundersen stated that Chancellor Schnack gave a slide presentation which updated the plan last approved in 1978. The presentation described developments since 1978 and highlighted developments anticipated for the future. The plan did not request approval of any changes to the campus boundaries nor approval of specific projects. The Committee commended the Chancellor for the enlightening presentation and for his efforts in preparing the plan.

X ref UW-Eau Claire - (same)

Upon motion by Regent Gundersen, seconded by Regent Nikolay, Resolution 5338 was adopted unanimously by the Board of Regents.

Resolution 5338: That, upon the recommendation of the UW-Eau Claire Chancellor and the President of the University of Wisconsin System, the 1989 Campus Development Plan, reflecting updates to the October 1978 Plan and documenting physical facilities and campus boundaries, be approved.

Arboretum - Tabling of motion

UW-Madison: Authority to Study Future Use of 13.5 Acres of Arboretum Land, pp 21-23

The Physical Planning and Development Committee considered a request for authority to hire a land use planner to undertake a study of and develop recommendations relating to the future of a 13.5-acre parcel of land in the

UW-Madison - Bldg + Land - (same)

UW-Madison Arboretum. A film was shown which displayed the parcel, its location and the surrounding land use. After discussion, the Committee approved the request by a two-to-one vote.

It was moved by Regent Gundersen and seconded by Regent Doughty Luckhardt that the following resolution be adopted by the Board of Regents.

That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to undertake a study to determine the highest and best use of approximately 13.5 acres of unimproved land, which is located in the southeast corner of the UW-Madison Arboretum in the City of Madison. Expenses associated with this request, not to exceed \$10,000, will be funded by the University Arboretum operating budget.

Regent Clusen questioned whether such a study really was needed in order to decide what to do with the land.

Regent Nikolay explained that he had voted against the resolution in committee because he thought that the Board already had all of the information needed to make a determination as to whether or not this land should be sold. The Arboretum Committee had advised the Regents at the July meeting that the Arboretum had no use for this parcel, now or in the future. That analysis was sufficient to convince him that a \$10,000 study was unnecessary.

Regent Davis questioned whether it should be the Board's role to make a decision on a \$10,000 study.

Chancellor Shalala indicated that the purpose had been to keep the Board involved in this matter because of the difference of opinion on the issue at the July meeting.

Recalling that, at the July meeting, the Regents were not convinced that they had sufficient information, Regent Flores thought the film might help the Board determine whether the parcel is an integral part of the Arboretum and whether or not it should be sold.

Regent Davis commented that the Regents should articulate their information needs, and it should be up to the administration to provide responses. If the study were to be done on the Board's behalf, then the Board should write the scope of the study; but if it were to be done on behalf of UW-Madison, the administration should make the decision.

Regent Clusen noted that a motion on the matter had been tabled in July and that it could be taken off the table if the Board wished.

Showing the film, Donald Gerhard, UW System Director of Planning, Property Management and Environmental Affairs, noted that the 13.5 acre parcel is located immediately adjacent to the West Beltline Highway. To the north is located the larger Arboretum area of 1265 acres. The West Beltline location is almost entirely developed, with the exception of this parcel.

The city had reviewed the proposal to sell the property and found no objection to development in this area, which is zoned for commercial use. The other 1265 acres is zoned for conservancy. The film showed the extension of Badger Road, which is on the official city map and divides the parcel in question from the rest of the Arboretum.

Also shown in the film was the West Beltline Frontage Road, which was fully constructed, including all utilities. In order to develop the property, it only would be necessary to fill the land and put in a storm sewer. Along with the commercial development, there is considerable traffic noise in the area. Vegetation on the parcel consists of marsh, boxelders, mock oranges, and alders. It is not an area conducive to habitation by animals or birds.

The parcel has 380 feet of frontage on the West Beltline and 1300 feet of frontage on the Chicago and Northwestern Railroad property.

Regent Dreyfus noted that the parcel represented one percent of a total land holding. Expressing agreement with Regent Nikolay, he suggested that the Board defeat this resolution and act on the motion which had been tabled.

President Schilling noted that the resolution in July was simply an authorization to appraise and advertise the property for sale—not final approval of the sale, which would be returned to the Board for action.

Upon motion by Regent DeLong, seconded by Regent Vos, it was voted unanimously to table the motion to authorize the study.

Arboretum

UW-Madison Arboretum

~~UW-Madison: Approval to Advertise for Sale of Land, R 5339, p. 23~~

Upon motion by Regent DeLong, seconded by Regent Clusen, it was voted unanimously to remove Resolution 5339 from the table of the July meeting.

(x ref) UW-Madison - Budget Fund - (same)

Resolution 5339: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to appraise and advertise for sale approximately 13.5 acres of unimproved UW-Madison Arboretum land located at 2100 West Beltline Highway in the City of Madison. Further authority to sell the parcel will be requested from the Board if a viable offer is received as the result of this marketing.

Regent Gundersen pointed out that the intent is for any purchaser to abide by certain rules, subject to the approval of the Arboretum Committee, to prevent any environmental damage to adjacent Arboretum property.

Put to the vote, Resolution 5339 was unanimously adopted.

(Ref) Policy -
Revision to Regent Policy Document 87-14: Distribution of Biennial GPR
 Minor Project Allocations, R 5340, pp 24-25

Continuing the report of the Physical Planning and Development Committee, Regent Gundersen presented Resolution 5340, which had been approved unanimously by the Committee. The resolution would revise Regent Policy Document 87-14, which established the formula for distributing biennial minor project allocations. Under the existing policy, projects must have been bid by the Division of State Facilities Management by June 1 to avoid having the funding subject to reallocation. The revision would require projects only to have been approved by the Board by March 1.

(Ref) Building & Land - (same)
 It was moved by Regent Gundersen and seconded by Regent Nikolay that the following resolution be adopted by the Board of Regents:

(Ref) Budget - (same)
 Resolution 5340: That, upon the recommendation of the UW System Chancellors and the President of the University of Wisconsin System, Regent Policy 87-14 (Resolution 3915, October 1987) be revised to reflect the change identified in point 6.

1. Each Chancellor will be allocated a portion of the minor project fund. Each university will be fully responsible for developing projects that can be funded within its allocation, including any bid overruns.
2. System Administration will retain a contingency fund to be used with discretion for emergency projects, amplifying the available equipment funds for Centers projects, or other special problems that will arise. This contingency is not intended to bail out campus projects that come in over budget. Prior to the end of the biennium any unused contingency funds will be distributed to the Chancellors.
3. Individual project implementation will follow the current standard procedure involving a program/request document for approval by System Administration and the Division of State Facilities Management.
4. Each university is encouraged to consider its planning list for the capital budget and implement those minor projects it had planned to accommodate. It is recognized, however, that it may be desirable to reconsider priorities within that list and also that needs may have arisen that would require some substitutions to the list. The objective is to achieve some planning flexibility for the campus within a known budget framework.

5. System Administration will keep a record of the allocation to each campus and debit project budgets against those commitments. Post-bid budgets will be used to determine the presumed "cost of the project."
6. ~~Each university will have the biennium to encumber its allocation of funds.~~ All funds that have not been allocated to the campuses that have not been encumbered by a post-bid budget by authorized for expenditure by the Board of Regents prior to June March 1 of the odd-numbered year will revert to the System-Administration-held contingency fund for redistribution on a Systemwide basis.

Regent Gelatt asked if there would be no limit to the time between Regent approval and the bid process.

While there would be no limit, Vice President Brown said the process would be monitored closely. The purpose of the resolution was to keep institutions from being penalized by a bidding process that is beyond their control. If institutions did not allocate the funds in a certain period of time, the funds would be taken back and reallocated to another campus.

Regent Gelatt asked if six months would be a reasonable timeframe and Vice President Brown replied in the affirmative.

Regent Nikolay pointed out that some building projects initiated when he first joined the Board just now were coming to fruition.

Put to the vote, Resolution 5340 was adopted unanimously.

utilities →

Discussion of Program Revenue Cost-Sharing of Utility Infrastructure Costs

(X up) Bldg + Land = (same) p. 25

The Physical Planning and Development Committee discussed a paper on Program Revenue Cost Sharing of Utility Infrastructure Costs. Student government representatives from the UW-Eau Claire and UW-River Falls appeared before the Committee and expressed a number of concerns, particularly relating to limited student input and review in the development of the paper. For that reason, the Committee voted to have the paper returned to the November agenda for additional discussion, with action planned for December. In the interim, Chancellors are asked to assure that there is discussion with the respective student groups.

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REPORT OF THE BUSINESS AND FINANCE COMMITTEE

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

Bovine Growth Hormone (BGH) - \$6,680 gift from Monsanto Agricultural Company to UW-Platteville for BGH research,

Approval of gifts, grants and government contracts

R 5341 & 5342,

In reviewing the list of gifts, grants and government contracts, Vice President Poellnitz specifically noted the \$6,680 gift from the Monsanto Agricultural Company to UW-Platteville, for research on the effects of bovine growth hormone. The Committee approved dividing the resolution to approve the list into two separate resolutions, the first containing all gifts, grants and contracts except for item #1 on page 66.

(Xref) UW-Platteville - (same)

Regent Nicholas moved adoption by the Board of Regents of Resolution 5341, which was unanimously approved by the Committee. The motion was seconded by Regent Lyon and carried, with Regent Davis abstaining from the vote.

Resolution 5341: 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), excluding Item #1, page 66, be accepted, approved, ratified and confirmed; and that, where signature authority has not been previously delegated, appropriate officers be authorized to sign agreements.

(Xref) Monsanto Company - (same)

Approval of Contract with the Monsanto Agricultural Company

Upon motion by Regent Nicholas, seconded by Regent Lyon, Resolution 5342 was adopted, with Regents Nikolay and Clusen voting "No."

Resolution 5342: That, upon recommendation of the President of the University of Wisconsin System, the contract presented by the Monsanto Agricultural Company (Item #1 on page 66) at this meeting be accepted, approved, ratified and confirmed.

In response to a question by Regent Nikolay, Regent President Schilling explained that the agreement was separate from but similar to the agreement with UW-Madison.

Chancellor Chmurny added that the only difference concerned the research itself, which would involve cows of average milk yield rather than above-average milk yield, as in the case of the UW-Madison contract with Monsanto. This test also involved a prolonged release formulation of BST. Otherwise, the terms and conditions of the contract and the openness of the research are identical to the contract between Monsanto and UW-Madison.

Salaries - Deferral of

discussion to November, p. 26

Executive Salary Structure (Deferred)

Discussion of this item was deferred until the November meeting.

(Xref) Compensation - (same)

*Salaries -*Approval of the 1989-91 Unclassified Pay Plan Guidelines, R 5343, p. 27

Presenting Resolution 5343, Regent Nicholas noted that procedures for establishing unclassified salary rates for 1989-90 had been approved at the June 1989 meeting. Although the provisions of the 1989-91 pay plan were unknown at that time, the action was required in order to meet the statutory requirement that the Board establish unclassified salary rates by July 1. The guidelines presented at this meeting provide that monies be distributed on the basis of merit within the state pay plan authorization. No pay plan funds may be allocated to individuals whose performance has been less than satisfactory.

*(Xref)**Compensation - (done)*

Vice President Poellnitz reviewed with the Committee the pay plan proposal, as submitted by the Department of Employment Relations to the Joint Committee on Employment Relations. The guidelines propose salary minima and maxima and procedures for distributing the salary increments. Salaries which exceed the Group 6 maximum of the State Executive Salary Plan were expected to be brought to the Board for approval at the November meeting. However, action might have to be delayed until December, depending upon when the Joint Committee on Employment Relations acts on the pay plans. An informational report on 1989-90 pay plan adjustments and the first installment of catch-up will be provided in February. The 1989-91 pay plan proposal includes a 3.5 percent increase over the 1988-89 base payroll in the first year of the biennium and a 4 percent increase over 103.5 percent of the base payroll in the second year. In addition to the 3.5 percent and 4 percent, the proposal also includes an additional .25 percent of the base payroll which also may be used for recognizing meritorious service. However, the .25 percent adjustments would not be funded by the state.

It was moved by Regent Nicholas and seconded by Regent Lyon that Resolution 5343, which was unanimously approved by the Committee, be adopted by the Board of Regents.

Resolution 5343: That, upon the recommendation of the President of the University of Wisconsin System, the 1989-91 Unclassified Pay Plan Guidelines be approved and that if changes are required to the guidelines as a result of actions by the Joint Committee on Employment Relations, the Executive Committee, in consultation with the System President, is authorized to act on these changes.

Regent Dreyfus requested a graph showing percentage distribution of salary increases, and President Shaw agreed that this information will be provided.

Put to the vote, Resolution 5343 was adopted, with Regent Doughty Luckhardt voting "No."

Athletics - Deferred to November 7

Report on UW-Madison Athletic Board (Deferred), p. 28

Regent Nicholas reported that this matter was deferred until the November meeting.

Regent - Bylaws -

Amendment to Board of Regents Bylaws: Audit Oversight, RS344, p. 28

The Business and Finance Committee unanimously approved a change necessary to the Board's bylaws to place the responsibility of the audit oversight and review functions with the Business and Finance Committee, as had been voted at the September meeting.

(ref) Audits - (same)

Upon motion by Regent Nicholas, seconded by Regent Vos, Resolution 5344 was adopted unanimously by the Board of Regents.

Resolution 5344: That, Chapter III, Section 3, of the Bylaws of the Board of Regents of the University of Wisconsin System be amended to include audit oversight and review within the duties of the Business and Finance Committee. The amended Bylaw would read as follows:

Duties of the Business and Finance Committee

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

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

1988-89 Year-End Financial Statement

Regent Nicholas reported that the 1988-89 Year-End Financial Statement was received by the Committee.

Minutes -

Regent Davis questioned the \$90,800 lapse in monies for minority and disadvantaged programs, pp 28-29

President Shaw explained that much of this lapse was in the program in teacher education to provide nonrepayable loans to students who teach in designated inner city schools. Not enough students had been found to utilize all the dollars available due to low numbers of minority students in teacher education. While there were many other areas in which the funds could have been used, they were restricted to this particular program and could not be transferred to any other.

Audits -

Quarterly Internal Audit Update, p. 29

The Business and Finance Committee discussed the quarterly internal audit update.

Report of the Vice President for Business and Finance

UW-Eau Claire - Review of UW-Eau Claire Financial Service Units, p. 29

Regent Nicholas reported that the Committee reviewed two financial services units of the Controller's Office at UW-Eau Claire. Demonstrations were given of financial reporting to campus cost centers and of on-line verification and processing of student accounts receivable payments in conjunction with financial aids disbursements.

UW-Eau Claire -

ADDITIONAL RESOLUTIONS

Resolution of Appreciation to UW-Eau Claire, R 5345, p. 29

Regent Clusen presented the following resolution, which was adopted unanimously by the Board of Regents with an ovation.

(X ref) Regent Meeting - (same)

Resolution 5345: Whereas, the Board of Regents has had the pleasure of holding its October 1989 meetings at UW-Eau Claire; and

Whereas, this visit was enhanced by the interesting tour, presentations and other special events provided by UW-Eau Claire; and

Whereas, we very much appreciate the gracious hospitality extended by Chancellor and Mrs. Schnack and the entire UW-Eau Claire community;

Therefore, be it resolved that the Board of Regents hereby expresses its gratitude to UW-Eau Claire for a most memorable and enjoyable visit.

At 11:35 a.m., the following resolution, moved by Regent Lyon, was adopted on a roll-call vote, with Regents Clusen, Davis, DeLong, Doughty Luckhardt, Dreyfus, Flores, Gelatt, Gundersen, Hanson, Lyon, Nicholas, Nikolay, Schilling, Vos, (14) voting "Aye," and no Regents voting "No."

Resolution 5346: That the Board of Regents recess into closed session to consider personnel matters, as permitted by s. 19.85(1)(c), *Wis. Stats.*, for possible action on appointments to the UW-Green Bay and UW-Milwaukee Boards of Visitors, 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.*

- - -

CLOSED SESSION ACTIONS

UW-Green Bay - Visitors - Appointment to Board of Visitors, R. 5347, p. 30

The Board arose from closed session at 12:10 p.m. Adoption of the following resolutions was announced:

Resolution 5347: That, upon the recommendation of the UW-Green Bay Chancellor and the President of the University of Wisconsin System, Mr. David Nennig be appointed to the UW-Green Bay Board of Visitors for a term ending June 1991.

UW-Milwaukee - Visitors - Appointments to Board of Visitors, R 5348, p.30

Resolution 5348: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, the following appointments be made to the UW-Milwaukee Board of Visitors for terms ending in 1992:

Walter Sava
James Westphal
Raleigh Woolf

The following resolution was approved in closed session of the Board of Regents on September 8, 1989, and was not reported until this time, pending campus receipt of acceptance from the nominee:

Salaries - Authorized to offer salary from \$65,000 - \$84,000

Resolution 5349: That, upon recommendation of the ~~Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Chancellor of the University of Wisconsin-Madison~~ be authorized to offer a salary in the range of ~~C\$65,000 to C\$84,000~~ for a Professor with tenure, ~~Department of Industrial Engineering, College of Engineering and the Director, Center for Quality and Productivity Improvement, and the School of Business,~~ *UW-Madison*

xref Faculty/Staff - (same)

R 5349, pp 30-31

The meeting was adjourned at 12:10 p.m.

Judith A. Temby
Judith A. Temby
Secretary

October 26, 1989

0178X

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

1. TERRA INTERNATIONAL, INC.
SIOUX CITY, IA
CEREAL MANAGEMENT
MSN AG&LSC AGRONOMY (133-K393) 1,500.00
2. WISC DEPT OF NATURAL RESOURCES
MADISON, WI
NONPOINT SOURCE POLLUTION-EDUCATIONAL MATERIALS
DEVELOPMENT FOR THE PERIOD 12-29-86 THRU 06-30-91
AT A \$212,631 LEVEL
AWARD # 86-99002-E-00,01,02,03
MSN AG&LSC ENVIR RSRCS CTR (133-L827) 98,332.00
3. FMC CORPORATION
PRINCETON, NJ
SUPPORT WEED CONTROL RESEARCH PROGRAM
MSN AG&LSC AGRONOMY (133-7714) 1,000.00

GIFT-IN-KIND

1. INTEL CORPORATION
HILLSBORO, OR
STAR 8604 - UNIX 386AT COMPUTER SYSTEM
MSN ENGR ENGR EXPER STA X-RAY LITH
2. HAZELTON LABORATORIES AMERICA, INC.
MADISON, WI
WANG WORD PROCESSING EQUIPMENT
MSN BUS SV ADMINISTRATION ADMINISTRA
3. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
BOOK BY WILLIAM WEEGE: BY THE TIME HIS BOAT
WAS PAID FOR, THE WATER WAS GONE
MSN L&S ELVJM MUSEUM ART
4. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
BOOK BY RICHARD BOSMAN: WHIRLABOUT
MSN L&S ELVJM MUSEUM ART
5. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
1989 FORD DUMP TRUCK
MSN ATH GENERAL OPERATNS ADMIN
6. DEPARTMENT OF GERMAN
MADISON, WI
128 VOLUMES OF GERMAN LANGUAGE AND LITERATURE
MSN LIBR GEN OPERATIONS LIB ACQSTN
7. DR. PHILIPPA M. COUGHLAN
MIDDLETOWN, CT
BOUND VOLUMES OF THE JOURNAL OF PERSONALITY
AND SOCIAL PSYCHOLOGY, 1967-1980
MSN LIBR GEN OPERATIONS LIB ACQSTN

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

8. PROF. SOLOMON B. LEVINE
MADISON, WI
13 MONOGRAPHS AND 5 SERIAL ISSUES FOR THE
BUSINESS LIBRARY
MSN LIBR GEN OPERATIONS LIB ACQSTN
9. ISAAC KLEINERMAN
PERUGIA, ITALY
TWENTY-FIVE HALF HOUR FILMED EPISODES OF
DOCUMENTARY SUBJECTS
MSN L&S COMMUN ARTS FLM&THEA R
10. LARS RUDSTAM
MADISON, WI
DIGITAL AUDIO TAPE RECORDER, MAKE: CASIO
MODEL NUMBER:DA-1, SERIAL NUMBER 003133 INCLUDING
A BATTERY PACK AND AC ADAPTER
MSN L&S LIMNOLOGY CTR
11. MOBAY CORPORATION A.H.D.
SHAWNEE MISSION, KS
MEDICAL/SURGICAL SUPPLIES AND SURGICAL
INSTRUMENTS
MSN VET M ADM-DEAN'S OFFIC DEAN'S OFF

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
LAW SCHOOL CLINICAL EXPERIENCE PROGRAM
FOR THE PERIOD 08-28-89 THROUGH 08-27-90
AWARD # P097A90008
MSN LAW LAW SCHOOL (144-BG52) 99,830.00
2. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN
ROCKVILLE, MD
GRANTS FOR GRADUATE PROGRAMS IN HEALTH
ADMINISTRATION
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # 1 E10 AH00046-01
MSN HS-MED PREVENTIVE MED (144-BF92) 42,242.00
3. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
CONTINUING EDUCATION FUND FOR RETURNING STUDENTS
MSN ODEL ADMIN (133-C059) 400.00
4. WISC DEPT OF AGRICULTURE TRADE
AND CONSUMER PROTECTION
MADISON, WI
WATER RESOURCES MANAGEMENT SUMMER 1989 WORKSHOP
FOR THE PERIOD 06-01-89 THRU 10-31-89
MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-P503) 8,710.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

5.	MADISON METROPOLITAN SCHOOL DISTRICT MADISON, WI STUDENT TEACHING COOPERATIVE: A COLLABORATIVE PROGRAM FOR STUDENTS FROM GRAMBLING UNIVERSITY MSN EDUC FIELD EXP-ED PER FIELD EXP- (133-P736)	7,697.25
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LIBRARIES

1.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PURCHASE OF LIBRARY MATERIALS AND SUPPLIES MSN LIBR GEN OPERATIONS LIB ACQSTN (133-F543)	575.00
2.	HISTORY OF SCIENCE SOCIETY - ISIS DURHAM, NC CRITICAL BIBLIOGRAPHY OF THE HISTORY OF SCIENCE AND ITS CULTURAL INFLUENCES MSN L&S HISTORY OF SCI (133-7202)	3,609.00

MISCELLANEOUS

1.	CONTINENTAL BANK N.A. CHICAGO, IL SCHULTE, HELEN DENNE--LOAN FUND MSN HS-NUR (TRUST)	12,624.94
2.	COMPUTER SCIENCES DEPARTMENT FELLOWSHIP #2 MSN L&S COMPUTER SCI (TRUST)	
	15,700.00 AT&T FOUNDATION HOLMDEL, NJ	
	540.00 C.N.R. CONSIGLIO NAZIONALE DELLE RICERCHE LIVORNO, ITALY	
		16,240.00
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HISTORY DEPARTMENT--UNDERGRADUATE AWARDS AND PRIZES FUND MSN L&S HISTORY (TRUST)	1,000.00
4.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAWTON, BEN R. & RUTH M.--SCHOLARSHIP MSN HS-MED ACAD AFFAIRS EDUC&ACAD (TRUST)	10,033.24
5.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CURTI, MERLE--ENDOWED CHAIR IN HISTORY MSN L&S HISTORY (TRUST)	3,350.00
6.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CURTI, MERLE--GRADUATE LECTURER FUND MSN L&S HISTORY (TRUST)	3,000.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

7.	ANONYMOUS DONOR BUNGE, HELEN L.--SCHOOL OF NURSING MSN HS-NUR	(TRUST)	5,000.00
8.	EQUITABLE LIFE ASSURANCE SOCIETY SAN FRANCISCO, CA UW-MADISON LEADERSHIP TRUST MSN G SERV FELLOWS & SCHOLS	(TRUST)	72.45
9.	AJZENBERG-SELOVE, DR. FAY PHILADELPHIA, PA BARSCHALL, H.H.--LECTURE FUND IN THE DEPARTMENT OF PHYSICS MSN L&S PHYSICS	(TRUST)	300.00
10.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI STEENBOCK-KATHERINE BERNS VAN DONK-- PROFESSORSHIP IN NUTRITION MSN GRAD	(TRUST)	50,000.00
11.	AGENCY FOR INTERNATIONAL DEVELOPMENT WASHINGTON, DC PROGRAM SUPPORT GRANT FOR THE PERIOD 04-01-86 THROUGH 06-30-90 AT A TOTAL COST OF \$735,609.00 AWARD # DAN-5058-G-SS-6052-00, MOD. 3 MSN AG&LSC INTL AG PRGS-ADM	(144-X941)	222,230.00
12.	WI BRD OF VOC TECH & ADULT EDUCATION MADISON, WI PRIME CONTRACTOR WITH DED TRANSFERABLE SKILLS AND COMPETENCIES FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # ACTIVITY #20-904-150-290 MSN EDUC WIS VOC STU CTR W VOC ST C	(144-BA36)	46,705.00
13.	WI BRD OF VOC TECH & ADULT EDUCATION MADISON, WI PRIME CONTRACTOR WITH DED SKILLS TO ENHANCE THE VOCATIONAL EDUCATION AND EMPLOYMENT OF STUDENTS WITH DISABILITIES FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # ACTIVITY #20-910-150-230 MSN EDUC WIS VOC STU CTR W VOC ST C	(144-BA39)	50,000.00
14.	WI BRD OF VOC TECH & ADULT EDUCATION MADISON, WI PRIME CONTRACTOR WITH DED VOCATIONAL EDUCATION MAGAZINE FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # ACTIVITY #20-902-150-290 MSN EDUC WIS VOC STU CTR W VOC ST C	(144-BA41)	29,985.00
15.	WI BRD OF VOC TECH & ADULT EDUCATION MADISON, WI PRIME CONTRACTOR WITH DED LEADERSHIP DEVELOPMENT FOR THE 1990'S FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # ACTIVITY #20-909-150-230 MSN EDUC WIS VOC STU CTR W VOC ST C	(144-BA44)	26,818.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

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|-----|---|-----------|
| 16. | WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
ASSESSMENT OF SINGLE PARENT/HOMEMAKER
PROGRAMS AND PARTICIPANTS
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # ACTIVITY #20-903-150-290
MSN EDUC WIS VOC STU CTR W VOC ST C (144-BA47) | 39,627.00 |
| 17. | WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
ECONOMIC ANALYSIS FOR HOME ECONOMICS AND SERVICES,
TRADE INDUSTRY OCCUPATIONS AND INDUSTRIES
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # ACTIVITY #20-920-150-290
MSN L&S ECONOMICS (144-BC78) | 44,633.00 |
| 18. | PEACE CORPS
MINNEAPOLIS, MN
PEACE CORPS STRATEGY CONTRACT
FOR THE PERIOD 09-01-89 THROUGH 06-30-90
AWARD # PO 164-89-3393
MSN AG&LSC INTL AG PRGS-ADM (144-BF95) | 15,763.00 |
| 19. | VARIOUS GOVERNMENTAL AGENCIES
WASHINGTON, DC
INSTITUTE OF MUSEUM SERVICES GENERAL OPERATING
SUPPORT GRANT
FOR THE PERIOD 09-01-89 THROUGH 08-31-91
AWARD # IC-90123-89
MSN ARBOR ARBORETUM (144-BG43) | 25,000.00 |
| 20. | MULTIPLE DONORS
DISCRETIONARY FUND FOR RESEARCH AND TRAVEL
MSN HS-MED MEDICINE LAB&COMP S (133-A174) | 250.00 |
| 21. | ELSEVIER NORTH-HOLLAND INC.
NEW YORK, NY
DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND
SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR
ALGEBRA AND ITS APPLICATIONS JOURNAL"
MSN L&S MATHEMATICS (133-A751) | 681.66 |
| 22. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
FRIENDS OF THE ELVEHJEM ART CENTER
MSN L&S ELVJM MUSEUM ART (133-B163) | 4,600.00 |
| 23. | NATIONAL ACADEMY OF SCIENCES
WASHINGTON, DC
SUPPORT GENERAL AGRONOMIC PROGRAMS
MSN AG&LSC AGRONOMY (133-B356) | 2,299.42 |
| 24. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
DEFRAY PORTION OF SALARY OF UNIVERSITY CLUB
FACILITIES COORDINATOR
MSN G E A SECY OF THE FAC (133-D503) | 2,777.00 |

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT MSN L&S COMPUTER SCI	(133-D865)	23,000.00
26.	MULTIPLE DONORS DEPARTMENT OF MEDICINE DISCRETIONARY FUND MSN HS-MED MEDICINE ENDOCRINOL	(133-E309)	45.45
27.	ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E647)	
	2,074.68 UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI		
	2,074.68 C.D.O. UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI		
			4,149.36
28.	C.D.O. UNIVERSITY ONCOLOGY ASSOCIATES MADISON, WI SUPPORT ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-E649)	4,000.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GEOLOGY AND GEOPHYSICS CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S GEOL & GEOPHYSICS	(133-E941)	15,000.00
30.	MULTIPLE DONORS WISCONSIN HERBARIUM FUND MSN L&S BOTANY	(133-F151)	4,000.00
31.	MULTIPLE DONORS SUPPORT ACTIVITIES OF PULMONARY MEDICINE MSN HS-MED MEDICINE PULMON MED	(133-F698)	80.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY FUND MSN L&S ELVJM MUSEUM ART	(133-G348)	3,000.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLITICAL SCIENCE DISCRETIONARY FUND MSN L&S POLITICAL SCI	(133-G572)	325.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY	(133-G952)	6,400.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF LIBRARY AND INFORMATION STUDIES DISCRETIONARY FUND MSN L&S LIB&INF ST (133-J687)	1,500.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENGINEERING MECHANICS DISCRETIONARY FUND MSN ENGR ENGR MECHANICS (133-J724)	1,150.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KICKHAEFER GIFT FUND MSN L&S SCHOOL OF MUSIC (133-J819)	835.00
38.	BRISTOL-MYERS EVANSVILLE, IN CONTINUING MEDICAL EDUCATION MSN HS-MED PEDIATRICS (133-J859)	500.00
39.	MULTIPLE DONORS DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE (133-K551)	940.00
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BIODYNAMICS LABORATORY EQUIPMENT AND SUPPLY FUND MSN EDUC PHYS ED & DANCE BIODYN LAB (133-K748)	4,000.00
41.	MULTIPLE DONORS AIDS EDUCATION MSN HS-UHS HEALTH SVC-BBC (133-K995)	25.00
42.	AMERICAN COLLEGE OF PHYSICIANS MADISON, WI ACP ADMINISTRATIVE COSTS MSN HS-MED CANCER CTR (133-LO18)	2,895.00
43.	DEERE AND COMPANY MOLINE, IL CONSORTIUM FOR WISCONSIN CENTER FOR SPACE AUTOMATION AND ROBOTICS (WCSAR) MSN ENGR ENGR EXPER STA SPAC COMM (133-L101)	5,000.00
44.	EXXON COMPANY U.S.A. HOUSTON, TX DISCRETIONARY FUND IN THE DEPARTMENT OF GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSICS (133-L104)	1,000.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PSYCHOPHARMACOLOGY CLINIC MSN HS-MED PSYCHIATRY (133-M400)	1,200.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

46.	AFFILIATED UNIVERSITY PHYSICIANS/CDO MADISON, WI PARTNERSHIP BUSINESS EXPENSES FOR OPERATION OF RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MSN HS-MED RADIOLOGY	(133-M530)	10,820.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL SUPPLIES AND EXPENSE MSN HS-MED	(133-M561)	150,000.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT SALARIES MSN HS-MED	(133-M562)	160,000.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL TEACHING SUPPLIES MSN HS-MED	(133-M563)	13,800.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED	(133-M564)	7,000.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONE-TIME DEPARTMENTAL REQUESTS MSN HS-MED	(133-M565)	85,000.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONGOING DEPARTMENTAL REQUESTS MSN HS-MED	(133-M566)	23,736.91
53.	UNIVERSITY PSYCHIATRY GROUP C.D.O. MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-M651)	3,400.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPT. OF PHYSICAL EDUCATION AND DANCE MSN EDUC PHYS ED & DANCE PHYS EDUC	(133-N058)	365.95
55.	JOHNSON (S.C.) & SON, INC. RACINE, WI CHARACTERIZATION OF INSECTICIDAL ACTIVITY OF XENORHABDUS LUMINESCENS MSN AG&LSC BACTERIOLOGY	(133-N059)	17,500.00
56.	MADISON FESTIVAL OF THE LAKES MADISON, WI FRANK LLOYD WRIGHT IN MADISON, A DOCUMENTARY MSN L&S ELVJM MUSEUM ART	(133-N115)	5,000.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

57.	HISTORY OF SCIENCE SOCIETY EAST MORICHES, NY SUPPORT OF ISIS EDITORIAL OFFICE MSN HS-MED HIST OF MEDICINE HIST OF MD (133-N320)	9,601.50
58.	SUPPORT FOR CENTER FOR ARTS ADMINISTRATION PROJECT ASSISTANTS MSN BUS SCH OF BUSINESS (133-N329)	
	1,074.28 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
	1,181.04 ASSOCIATION OF ARTS ADMINISTRATION EDUCATORS NEW YORK, NY	
		2,255.32
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION PROJECT ASSISTANTS MSN BUS SCH OF BUSINESS (133-N330)	1,672.29
60.	MADISON CIVIC CENTER MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION MSN BUS SCH OF BUSINESS (133-N346)	3,625.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DOUG MILLER FUND FOR TEMPORARY HOUSING FOR TRANSPLANT PATIENTS AND THEIR FAMILIES MSN HS-MED SURGERY GEN SURG (133-N572)	3,000.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRADUATE FELLOWSHIPS AND PRIZES ACCOUNT MSN L&S HISTORY (133-P272)	100.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SOVIET AND EAST EUROPEAN PROGRAM SUPPORT FROM THE EVJUE FOUNDATION MSN G E A INTL STU & PROGS (133-P734)	5,000.00
64.	STATE PUBLIC DEFENDER'S OFFICE MADISON, WI LEGAL DEFENSE PROJECT MSN LAW LAW SCHOOL (133-P753)	84,000.00
65.	INTERNATIONAL BUSINESS MACHINES CORPORATION SOUTHURY, CT IBM GRADUATE FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY (133-P769)	20,300.00
66.	AMERICAN COLLEGE OF PHYSICIANS PHILADELPHIA, PA WISCONSIN INTERNAL MEDICINE RESIDENCY CURRICULUM MSN HS-MED MEDICINE GEN INT MD (133-P775)	1,189.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LIVER TRANSPLANT FUND MSN HS-HSP ADMINISTRATION	ADMIN	(133-P776)	12,022.99
68.	BERLEX LABORATORIES, INC. WAYNE, NJ RADIOLOGY VISITING PROFESSOR PROGRAM MSN HS-MED RADIOLOGY	DIAGNOSTIC	(133-P782)	2,250.00
69.	MULTIPLE DONORS DOCUMENTARY HISTORY OF THE RATIFICATION OF THE CONSTITUTION MSN L&S	HISTORY	(133-P813)	250.00
70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BANNERS PROJECT MSN FR&CS	FAM RSRC&CNSM SC ADMIN	(133-P831)	8,555.00
71.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS	SCH OF BUSINESS	(133-0179)	
	1,000.00	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	1,000.00	CITGO PETROLEUM CORPORATION TULSA, OK		
	12,268.48	CENTER FOR ADVANCED STUDIES IN BUSINESS MADISON, WI		
	500.00	WISCONSIN BUSINESS ALUMNI MADISON, WI		
				14,768.48
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHELL AID IN CHEMICAL ENGINEERING MSN ENGR	CHEMICAL ENGR	(133-0368)	5,000.00
73.	CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR	CHEMICAL ENGR	(133-3236)	
	3,000.00	ETHYL CORPORATION RICHMOND, VA		
	60,000.00	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
				63,000.00
74.	ATLANTIC RICHFIELD FOUNDATION LOS ANGELES, CA DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY FUND MSN ENGR	CHEMICAL ENGR	(133-5930)	2,500.00

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MISCELLANEOUS

75.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS (133-5984)	
	500.00 MULTIPLE DONORS	
	675.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
		1,175.00
76.	MULTIPLE DONORS UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-6225)	8,178.00
77.	MULTIPLE DONORS LONGENECKER HORTICULTURAL AREAS DEVELOPMENT FUND MSN ARBOR ARBORETUM (133-7854)	200.00
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT FOR THE DEPARTMENT OF CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR (133-9011)	3,000.00
79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-9597)	7,600.00

PHYSICAL PLANT

1.	EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:	
1)	INTEREST SUBSIDY GRANT FOR THE HELEN C WHITE UNDERGRADUATE LIBRARY FOR THE PERIOD 07-01-75 THROUGH 09-15-89 AWARD # 5-5-00378-0 MSN UNIT-W DEBT SV AC BLDGS (144-H015)	56,535.00
2)	INTEREST SUBSIDY GRANT FOR COMMUNICATION ARTS BUILDING FOR THE PERIOD 07-01-72 THROUGH 09-15-89 AWARD # 5-5-00438-0 MSN UNIT-W DEBT SV AC BLDGS (144-J407)	49,148.00

RESEARCH

1.	STERLING DRUG INCORPORATED MALVERN, PA MATERIAL TRANSFER AGREEMENT MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY	
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2.	INTERNATIONAL BUSINESS MACHINES CORPORATION MILFORD, CT LICENSE AGREEMENT MSN L&S COMPUTER SCI		
3.	EARNINGS ON MISC. INVESTMENTS PHANEUF, DUANE--MEDICAL RESEARCH MSN HS-MED	(TRUST)	345.02
4.	COLLINS, HORACE--LEUKEMIA RESEARCH MSN HS-MED MEDICINE HEMATOLOGY	(TRUST)	
	10.00 MULTIPLE DONORS 10,000.00 ANONYMOUS DONOR		
			10,010.00
5.	ENCYCLOPAEDIA BRITANNICA, INC. CHICAGO, IL SCHOOL OF EDUCATION--WISCONSIN CENTER FOR EDUCATION RESEARCH MSN EDUC GENERAL ADMIN DEAN'S OFF	(TRUST)	78.32
6.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI STEENBOCK PROFESSORSHIP IN MICROBIOLOGICAL SCIENCES MSN AG&LSC BIOCHEMISTRY	(TRUST)	25,000.00
7.	MULTIPLE DONORS WISCONSIN CLINICAL CANCER CENTER--RESEARCH MSN HS-MED CANCER CTR	(TRUST)	942.00
8.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI STEENBOCK RESEARCH PROFESSORSHIP IN BIOCHEMISTRY MSN AG&LSC BIOCHEMISTRY	(TRUST)	50,000.00
9.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI STEENBOCK, HARRY--PROFESSORSHIP IN BIOLOGICAL SCIENCES MSN GRAD MEDICAL SCHOOL ONCOLOGY	(TRUST)	25,000.00
10.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI STEENBOCK, HARRY--PROFESSORSHIP IN PHYSICAL SCIENCES MSN GRAD L&S PHYSICS	(TRUST)	25,000.00
11.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI STEENBOCK, HARRY--PROFESSORSHIP IN BEHAVIORAL AND NEURAL SCIENCES MSN GRAD	(TRUST)	25,000.00

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| 12. | WISCONSIN ALUMNI RESEARCH FOUNDATION
MADISON, WI
STEENBOCK, HARRY--PROFESSORSHIP IN
ENGINEERING
MSN GRAD ENGINEERING CHEM ENGR (TRUST) | 25,000.00 |
| 13. | WISCONSIN ALUMNI RESEARCH FOUNDATION
MADISON, WI
STEENBOCK INSTRUMENTATION DEVELOPMENT
MSN AG&LSC BIOCHEMISTRY (TRUST) | 25,000.00 |
| 14. | WISCONSIN ALUMNI RESEARCH FOUNDATION
MADISON, WI
STEENBOCK RESEARCH FUND
MSN AG&LSC BIOCHEMISTRY (TRUST) | 30,000.00 |
| 15. | WISCONSIN ALUMNI RESEARCH FOUNDATION
MADISON, WI
STEENBOCK CENTER FOR THE BIOMEDICAL BASIS
OF DISEASE
MSN GRAD AGR & LIFE SCI BIOCHEM (TRUST) | 100,000.00 |
| 16. | AGRICULTURE, DEPT OF
MINNEAPOLIS, MN
SUPPORT OF AGRICULTURAL RESEARCH
OF MUTUAL INTEREST
(DEOBLIGATE TASK ORDER 3655-9-005)
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AT A TOTAL COST OF \$175,600.00
AWARD # 58-5114-7-2003 MOD 2
MSN AG&LSC U S DAIRY FORAGE (144-AQ09) | 60,000.00- |
| 17. | CLEMSON UNIVERSITY
CLEMSON, SC
PRIME CONTRACTOR WITH AGRIC
ENHANCED BIOLOGICAL CONTROL IN SOYBEAN:
INFLUENCE OF PEST NICHE ON PARASITISM
FOR THE PERIOD 11-16-87 THROUGH 07-31-90
AT A TOTAL COST OF \$29,712.00
AWARD # SUBCONTRACT SC001-13-3174, MOD. 2
MSN AG&LSC ENTOMOLOGY (144-AD21) | 6,150.00 |
| 18. | AGRIC, COOPERATIVE STATE RESEARCH SERVICE
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING: | |
| 1) | ANALYSIS OF THE POST-TRANSLATIONAL REGULATORY
SYSTEM FOR NITROGENASE IN R. RUBRUM
FOR THE PERIOD 09-01-89 THROUGH 08-31-91
AWARD # 89-37262-4740
MSN AG&LSC BACTERIOLOGY (144-BF73) | 100,000.00 |
| 2) | IDENTIFICATION OF COMPETITIVENESS GENES IN
RHIZOBIUM LEGUMINOSARUM BV. PHASEOLI
FOR THE PERIOD 09-01-89 THROUGH 08-31-91
AWARD # 89-37262-4746
MSN AG&LSC PLANT PATHOLOGY (144-BF75) | 90,000.00 |

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- 3) BOVINE ENDOTOXEMIA: IDENTIFICATION OF MEDIATORS
AND THEIR PATTERN OF RELEASE
FOR THE PERIOD 08-01-89 THROUGH 07-31-90
AWARD # 89-34116-4626
MSN VET M MEDICAL SCIENCES (144-BF76) 38,628.00
- 4) ATRAZINE AND ALACHLOR MOVEMENT THROUGH THE
UNSATURATED ZONE: MODEL CALIBRATION AND
VALIDATION
FOR THE PERIOD 09-01-89 THROUGH 08-31-91
AWARD # 89-COOP-1-4733
MSN AG&LSC SOIL SCIENCE (144-BF86) 78,000.00
- 5) THE ANTI-RHIZOBIAL PEPTIDE TRIFOLITOXIN:
GENETICS, STRUCTURE AND MODE OF ACTION
FOR THE PERIOD 09-01-89 THROUGH 08-31-91
AWARD # 89-37262-4792
MSN AG&LSC AGRONOMY (144-BF89) 98,899.00
19. AGRIC, FOREST SERVICE
MADISON, WI
FURAN DIISOCYANATES: SYNTHESIS, POLYMERIZATION
AND USE IN ADHESIVES
FOR THE PERIOD 10-27-87 THROUGH 10-27-92
AWARD # FP-87-0987
MSN ENGR CHEMICAL ENGR (144-BF39) 40,000.00
20. AGENCY FOR INTERNATIONAL DEVELOPMENT
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) ANIMAL FEED-DISPERSERS AS KEY ELEMENTS FOR
CONSERVATION OF TROPICAL FORESTS
FOR THE PERIOD 07-01-89 THROUGH 12-31-92
AWARD # DHR-5542-G-SS-9033-00
MSN L&S ZOOLOGY (144-BC53) 136,570.00
- 2) ASSESS THE EXISTING FORMAL SYSTEM FOR ASSURING
SECURITY OF TENURE
FOR THE PERIOD 08-17-89 THROUGH 12-31-89
AWARD # PO #656-0510-O-00-9280-00
MSN AG&LSC LAND TENURE CTR (144-BG57) 17,136.00
21. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
BOULDER, CO
NATIONAL SEVERE STORMS LABORATORY FOR COOPERATIVE
RESEARCH USING THE MCIDAS INTERACTIVE
METEOROLOGICAL FACILITY
FOR THE PERIOD 07-01-87 THROUGH 12-31-89
AT A TOTAL COST OF \$175,552.28
AWARD # 50RANR70060, MOD. 4
MSN GRAD SPACE SCI&ENG CT (144-AA59) 40,000.00
22. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
WASHINGTON, DC
EXPERT SERVICES FOR LONG TERM PLANNING OF DATA
MANAGEMENT FOR THE CLIMATE AND GLOBAL CHANGE
PROGRAM
FOR THE PERIOD 06-01-89 THROUGH 05-31-90
AWARD # P.O. # 40AANE902883
MSN GRAD SPACE SCI&ENG CT (144-BF68) 20,000.00

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23. EDUCATION, DEPT OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) FULBRIGHT HAYS GRANTS
FOR THE PERIOD 07-01-89 THROUGH 12-31-90
AT A TOTAL COST OF \$99,190.00
AWARD # PO22A90025-89A, MOD. 1
MSN GRAD (144-BD30) 43,970.00
 - 2) RESEARCH AND DEVELOPMENT CENTER PROGRAM -
NATIONAL CENTER FOR RESEARCH IN MATHEMATICAL
SCIENCE EDUCATION (INSTITUTIONAL FUNCTIONS)
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # GO08720279-89
MSN EDUC WIS CTR EDUC RES (144-BE70) 57,834.00
 - 3) RESEARCH AND DEVELOPMENT CENTER PROGRAM -
NATIONAL CENTER FOR RESEARCH IN MATHEMATICAL
SCIENCE EDUCATION (INSTRUCTION/LEARNING)
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # GO08720279-89
MSN EDUC WIS CTR EDUC RES (144-BE71) 120,800.00
 - 4) RESEARCH AND DEVELOPMENT CENTER PROGRAM -
NATIONAL CENTER FOR RESEARCH IN MATHEMATICAL
SCIENCE EDUCATION (CURRICULUM/ASSESSMENT)
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # GO08720279-89
MSN EDUC WIS CTR EDUC RES (144-BE72) 100,216.00
 - 5) RESEARCH AND DEVELOPMENT CENTER PROGRAM -
NATIONAL CENTER FOR RESEARCH IN MATHEMATICAL
SCIENCE EDUCATION (COORDINATED PROJECTS)
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # GO08720279-89
MSN EDUC WIS CTR EDUC RES (144-BE73) 221,150.00
24. COLORADO STATE UNIVERSITY
FORT COLLINS, CO
PRIME CONTRACTOR WITH DED
VOCATIONAL ASSESSMENT OF STUDENTS WITH HANDICAPS
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # SUBCONTRACT G-4286-2
MSN EDUC WIS VOC STU CTR W VOC ST C (144-BC77) 17,395.00
25. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
SINGLE PARENT STAFF AND STUDENT DEVELOPMENT
PROGRAM
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # P.O. #PAJ 00782
MSN EDUC WIS VOC STU CTR W VOC ST C (144-BE86) 56,532.00

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26. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
CAREER OPTIONS PLANNER
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # P.O. #PAJ 00754
MSN EDUC WIS VOC STU CTR W VOC ST C (144-BE97) 20,000.00
27. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH
SERVICE AWARD: PHARMACOLOGY
(REDUCTION DUE TO EARLY TERMINATION
OF FELLOW)
FOR THE PERIOD 03-01-89 THROUGH 03-31-89
AT A TOTAL COST OF \$2,714.00
AWARD # 5 F32 DAO5307-03, MOD. 1
MSN HS-MED PHARMACOLOGY (144-AU18) 27,786.00-
 - 2) HOSPITAL OWNERSHIP TYPES--TRENDS AND BEHAVIOR
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 R29 MH43027-03
MSN HS-MED PREVENTIVE MED (144-BE99) 52,523.00
 - 3) NEUROPSYCHOLOGY, BEHAVIOR DISORDER AND
DELINQUENCY RISK
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 1 RO1 MH45548-01
MSN L&S PSYCHOLOGY (144-BF58) 177,351.00
 - 4) COGNITIVE MARKERS OF THE PREDISPOSITION
TO SCHIZOPHRENIA
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 RO1 MH44062-02
MSN L&S PSYCHOLOGY (144-BF74) 115,304.00
 - 5) AFFECT, DEPRESSION AND BRAIN ASYMMETRY
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 RO1 MH40747-05
MSN L&S PSYCHOLOGY (144-BF77) 131,426.00
 - 6) RESEARCH SCIENTIST AWARD: BIOPSYCHOLOGY OF
COMMUNICATION AND BEHAVIOR
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 K05 MH00177-13
MSN L&S PSYCHOLOGY (144-BF79) 60,248.00
 - 7) BREEDING BIOLOGY AND BEHAVIOR OF MONOGAMOUS
PRIMATES
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 RO1 MH35215-08
MSN L&S PSYCHOLOGY (144-BF81) 97,167.00

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- 8) DRUG ABUSE PREDICTION AND PREVENTION
IN HIGH RISK FAMILIES
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 RO1 DA05479-02
MSN ENGR ENGR EXPER STA HLTH SYS'S (144-BF90) 244,811.00
- 9) ANXIETY SYSTEM AND ATTENTIONAL DEFICITS
IN PSYCHOPATHY
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 RO1 MH37711-07
MSN L&S PSYCHOLOGY (144-BG44) 95,043.00
28. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) BIOLOGY AND EXPERIMENTAL THERAPY OF BREAST CANCER
FOR THE PERIOD 06-01-88 THROUGH 02-28-90
AT A TOTAL COST OF \$555,461.00
AWARD # 3 PO1 CA20432-12S1, MOD. 1
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-AG86) 86,388.00
- 2) INTERNATIONAL FELLOWSHIPS
FOR THE PERIOD 11-07-88 THROUGH 03-06-90
AT A TOTAL COST OF \$38,000.00
AWARD # 3 FO5 TWO4051-01S1, MOD. 1
MSN HS-MED ONCOLOGY (144-AS03) 9,000.00
- 3) CHILDREN'S CANCER STUDY GROUP
FOR THE PERIOD 12-01-88 THROUGH 11-30-89
AT A TOTAL COST OF \$104,671.00
AWARD # 2 U10 CA05436-23, MOD. 1
MSN HS-MED PEDIATRICS (144-AS55) 18,000.00
- 4) RESEARCH PROGRAM ON THE NEURAL BASIS OF HEARING
FOR THE PERIOD 03-01-89 THROUGH 02-28-90
AT A TOTAL COST OF \$1,407,349.00
AWARD # 2 PO1 NS12732-14, MOD. 1
MSN HS-MED NEUROPHYSIOLOGY (144-AU61) 2,392.00
- 5) CHARACTERIZATION OF TRANSCRIPTIONALLY
REGULATED GENES
FOR THE PERIOD 04-01-89 THROUGH 03-31-90
AT A TOTAL COST OF \$175,612.00
AWARD # 5 RO1 GM27870-10, MOD. 1
MSN HS-MED PHYSIOLOG CHEM (144-AX10) 2,572.00
- 6) ION CHANNELS IN YEAST
FOR THE PERIOD 04-01-89 THROUGH 03-31-90
AT A TOTAL COST OF \$158,842.00
AWARD # 5 RO1 GM37925-03, MOD. 1
MSN GRAD MOLECULAR BIOL (144-AX31) 2,717.00
- 7) CA- AND K- CHANNELS IN WILD TYPE
AND MUTANTS OF PARAMECIUM
FOR THE PERIOD 04-01-89 THROUGH 03-31-90
AT A TOTAL COST OF \$201,605.00
AWARD # 5 RO1 GM36386-04, MOD. 1
MSN GRAD MOLECULAR BIOL (144-AX33) 2,973.00

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- 8) STRUCTURE AND REPLICATION OF DNA
FOR THE PERIOD 05-01-89 THROUGH 04-30-90
AT A TOTAL COST OF \$192,308.00
AWARD # 5 RO1 GM14711-23, MOD. 1
MSN GRAD INST MOL VIR INST MOL V (144-AY45) 3,338.00
- 9) GENETIC STUDIES WITH CULTIVATED MAMMALIAN CELLS
FOR THE PERIOD 05-01-89 THROUGH 04-30-90
AT A TOTAL COST OF \$177,073.00
AWARD # 5 RO1 GMO6983-30, MOD. 1
MSN HS-MED GENETICS (144-AY52) 2,564.00
- 10) BIOSYNTHESIS OF MACROLIDE ANTIBIOTICS
FOR THE PERIOD 06-01-89 THROUGH 05-31-90
AT A TOTAL COST OF \$130,245.00
AWARD # 5 RO1 GM31925-05, MOD. 1
MSN HS-PHR PHARMACY (144-AY85) 1,882.00
- 11) NMR SPECTROSCOPY IN PROTEIN CHEMISTRY
FOR THE PERIOD 06-01-89 THROUGH 05-31-90
AT A TOTAL COST OF \$222,769.00
AWARD # 5 R37 GM35976-05, MOD. 1
MSN AG&LSC BIOCHEMISTRY (144-AY86) 3,306.00
- 12) INTERGENERATIONAL CONSEQUENCES OF FAMILY
DISRUPTION
FOR THE PERIOD 05-01-89 THROUGH 04-30-90
AWARD # 5 RO1 HD19375-05
MSN L&S INST-RES ON POV (144-AZ04) 176,453.00
- 13) BEHAVIOR OF P FACTORS MOVABLE ELEMENTS IN
DROSOPHILA
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AT A TOTAL COST OF \$229,337.00
AWARD # 5 RO1 GM30948-08, MOD. 1
MSN HS-MED GENETICS (144-AZ33) 3,364.00
- 14) MECHANISMS OF ANOREXIA WITH TUMOR GROWTH
FOR THE PERIOD 07-01-89 THROUGH 08-31-90
AWARD # 1 R29 NRO2258-01
MSN HS-NUR (144-BA29) 64,605.00
- 15) PULMONARY BENEFITS OF CYSTIC FIBROSIS NEONATAL
SCREENING
FOR THE PERIOD 08-01-89 THROUGH 07-31-90
AWARD # 5 RO1 DK34108-05
MSN HS-MED PEDIATRICS (144-BB56) 343,645.00
- 16) MECHANISM OF ALTERATION OF ALLOGRAFT ANTIGENICITY
FOR THE PERIOD 07-01-89 THROUGH 08-31-90
AWARD # 1 RO1 DK41627-01
MSN HS-MED SURGERY GEN SURG (144-BC92) 149,682.00
- 17) DETERMINANTS OF PLACENTAL BLOOD FLOW
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 RO1 HD21082-04
MSN HS-MED OBSTET & GYNECOL (144-BE19) 106,314.00

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- 18) EARLY LEXICAL ACQUISITION IN CHILDREN WITH
DOWN SYNDROME
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 RO1 HD22393-02
MSN GRAD WAISMAN CENTER (144-BE37) 138,534.00
- 19) GLUCOSE/FUEL METABOLISM AND CALCIUM IN
PANCREATIC ISLETS
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 RO1 DK28348-09
MSN HS-MED PEDIATRICS (144-BE43) 167,472.00
- 20) FIRST AWARD:
ANIMAL RESERVOIRS OF BORRELIA BURGENDORFERI
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 R29 AI24433-02
MSN VET M MEDICAL SCIENCES (144-BE53) 67,657.00
- 21) SPEECH MOVEMENT RESEARCH WITH AN X-RAY MICROBEAM
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 P50 DCO0162-10
MSN GRAD WAISMAN CENTER (144-BE69) 1,122,374.00
- 22) LINGUISTIC COMMUNICATION AND MENTAL
RETARDATION
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 RO1 HD24356-03
MSN GRAD WAISMAN CENTER (144-BE74) 103,823.00
- 23) NEURAL INTERACTIONS INFLUENCING BRONCHOMOTOR
TONE
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 RO1 HL29043-08
MSN HS-MED PREVENTIVE MED (144-BE94) 106,821.00
- 24) HUMAN VENTILATORY ADAPTATION
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 R37 HL15469-17
MSN HS-MED PREVENTIVE MED (144-BE96) 126,922.00
- 25) GENETIC POLYMORPHISMS OF SALIVA
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 RO1 DE03658-25
MSN HS-MED MEDICINE HEMATOLOGY (144-BF25) 183,764.00
- 26) CA2+ REGULATION OF SECRETION IN GH3 PITUITARY
CELLS
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 RO1 DK40428-02
MSN L&S ZOOLOGY (144-BF29) 167,511.00
- 27) CLINICAL INVESTIGATOR AWARD:
PATHOGENIC ROLES OF THE ALVEOLAR MACROPHAGE
IN ASTHMA
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 KO8 HLO1828-03
MSN HS-MED MEDICINE PULMON MED (144-BF47) 63,720.00

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28)	MOLECULAR BIOLOGY OF MULTIPARTITE GENOME VIRUSES FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # 5 R37 AI23742-04 MSN GRAD INST MOL VIR INST MOL V (144-BF48)	139,802.00
29)	BIOCHEMISTRY OF SYNAPTIC VESICLES FROM BRAIN FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # 2 RO1 NS24890-04 MSN HS-MED ANATOMY (144-BF53)	146,697.00
30)	DEVELOPMENTAL BIOLOGY OF STREPTOMYCES FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # 5 RO1 AI13948-12 MSN AG&LSC BACTERIOLOGY (144-BF55)	100,316.00
31)	FUNCTIONS OF NIF ASSOCIATED PROTEINS FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # 5 RO1 GM35163-05 MSN AG&LSC BACTERIOLOGY (144-BF57)	135,965.00
32)	B12 BIOSYNTHESIS AND ANAEROBIC METABOLISM IN SALMONELLA FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # 5 RO1 GM40313-02 MSN AG&LSC BACTERIOLOGY (144-BF59)	82,215.00
33)	COMPLETE DISSECTION OF THE ESCHERICHIA COLI GENOME FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # 5 RO1 GM35682-08 MSN AG&LSC GENETICS (144-BF69)	129,066.00
34)	FAMILY STRUCTURE, SOCIALIZATION AND CHILD WELL-BEING FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # 1 RO1 HD26122-01 MSN L&S SOCIOLOGY (144-BF70)	107,511.00
35)	ORGANIZATION OF CENTRAL VISUAL PATHWAYS FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # 5 RO1 EYO1277-14 MSN HS-MED ANATOMY (144-BF80)	136,875.00
36)	ANALYSIS OF INHIBITORY PROCESSES IN PIRIFORM CORTEX FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # 5 RO1 NS19865-07 MSN HS-MED ANATOMY (144-BF83)	100,008.00
37)	RECONSTITUTION OF CALCIUM CHANNELS IN PLANAR BILAYERS FOR THE PERIOD 08-01-89 THROUGH 12-31-89 AWARD # 7 RO1 GM36852-05 MSN HS-MED PHYSIOLOGY (144-BF91)	2,121.00

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38)	CALCIUM AND THE PATHOPHYSIOLOGY OF THE ADULT HEART CELL FOR THE PERIOD 09-30-89 THROUGH 09-29-90 AWARD # 5 RO1 HL33652-06 MSN HS-MED ANESTHESIOLOGY	(144-BF97)	124,839.00
39)	HIGH AFFINITY IRON TRANSPORT IN USTILAGO MAYDIS FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # 5 RO1 GM33716-04 MSN AG&LSC PLANT PATHOLOGY	(144-BF98)	104,383.00
40)	VIRUS SPECIFIC FACTORS OF HSV RELATED TO CORNEAL DISEASE FOR THE PERIOD 09-30-89 THROUGH 09-29-90 AWARD # 5 RO1 EY07336-03 MSN HS-MED OPHTHALMOLOGY	(144-BF99)	142,002.00
41)	POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # 5 F32 GM12835-02 MSN L&S ZOOLOGY	(144-BG34)	21,000.00
42)	MODIFIED RESEARCH CAREER DEVELOPMENT AWARD: ACTIVATION AND CONTROL OF RRNA TRANSCRIPTION FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # 5 KO4 A100935-02 MSN AG&LSC BACTERIOLOGY	(144-BG42)	53,654.00
43)	INFANT CHILD CARE AND FAMILY PROCESSES FOR THE PERIOD 09-01-89 THROUGH 04-30-90 AWARD # 1 U10 HD27040-01 MSN EDUC WIS CTR EDUC RES	(144-BG50)	194,054.00
44)	DYNAMIC CHOICE ANALYSIS OF SCHOOLING BEHAVIOR FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # 1 RO1 HD25842-01 MSN L&S INST-RES ON POV	(144-BG51)	74,718.00
29.	BOSTON UNIVERSITY BOSTON, MA PRIME CONTRACTOR WITH DHHS PHS NIH FRAMINGHAM OFFSPRING EYE STUDY FOR THE PERIOD 06-01-89 THROUGH 02-28-90 AWARD # AGR DTD 08/08/89 MSN HS-MED OPHTHALMOLOGY	(144-BF45)	40,970.00
30.	FRONTIER SCIENCE AND TECHNOLOGY RESEARCH FOUNDATION, INC BROOKLINE, MA PRIME CONTRACTOR WITH DHHS PHS NIH ECOG COOPERATIVE GROUP OUTREACH PROGRAM - OUTREACH FOR THE PERIOD 12-01-88 THROUGH 11-30-89 AT A TOTAL COST OF \$34,460.00 AWARD # CA 39088-05-42-01, MOD. 1 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(144-AS62)	22,203.00

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31. FRONTIER SCIENCE AND TECHNOLOGY
RESEARCH FOUNDATION, INC
BROOKLINE, MA
PRIME CONTRACTOR WITH DHHS PHS NIH
ECOG COOPERATIVE GROUP OUTREACH PROGRAM -
OPERATIONS OFFICE
FOR THE PERIOD 12-01-88 THROUGH 11-30-89
AT A TOTAL COST OF \$123,741.00
AWARD # CA 39088-05-42-01, MOD. 1
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-AT76) 65,127.00
32. DOD, AIR FORCE
BOLLING AFB, DC
CENTER FOR PARALLEL OPTIMIZATION
FOR THE PERIOD 06-01-89 THROUGH 09-30-91
AWARD # AFOSR-89-0410
MSN L&S COMPUTER SCI (144-AY90) 462,143.00
33. UNIVERSAL ENERGY SYSTEMS, INC
DAYTON, OH
PRIME CONTRACTOR WITH DOD AF
LABORATORY GRADUATE FELLOWSHIP PROGRAM
FOR THE PERIOD 08-29-88 THROUGH 12-23-89
AT A TOTAL COST OF \$38,176.00
AWARD # S-789-000-033, MOD. 3
MSN ENGR MAT SCI & ENGR (144-AR08) 12,576.00
34. DOD, ARMY
RESEARCH TRIANGLE PARK, NC
IN SUPPORT OF THE FOLLOWING:
- 1) REDUCING DATA DIMENSION TO LOWER SIGNAL
COMPUTATIONAL REQUIREMENTS AND MAXIMIZE
PERFORMANCE
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # DAALO3-89-K-0141
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-BF16) 72,679.00
- 2) COMPETITIVE TRADEOFF MODELING: METHODOLOGY,
COMPUTATION AND TESTING
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # DAALO3-89-K-0149
MSN ENGR INDUSTRIAL ENGR (144-BF40) 58,454.00
35. DOD, NATIONAL SECURITY AGENCY
FORT GEORGE G. MEADE, MD
COMBINATORIAL PROBLEMS IN INFORMATION/
COMMUNICATION THEORY
FOR THE PERIOD 08-15-89 THROUGH 08-14-90
AWARD # MDA904-89-H-2060
MSN L&S CTR MATH SCI (144-BF38) 23,943.00
36. ENERGY, DEPT OF
ARGONNE, IL
IN SUPPORT OF THE FOLLOWING:

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- 1) HIGH POWER MICROWAVE TRANSMISSION SYSTEMS FOR
ELECTRON CYCLOTRON RESONANCE PLASMA HEATING
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # DE-FG02-85ER52122
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-BF67) 199,100.00
- 2) WORKSHOP ON TRACE GAS EMISSIONS FROM PLANTS
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # DE-FG02-89ER14063
MSN L&S BOTANY (144-BG39) 16,220.00
- 3) NEW PROCESS MODELING, DESIGN, AND CONTROL
STRATEGIES FOR ENERGY EFFICIENCY HIGH PRODUCT
QUALITY AND IMPROVED PRODUCTIVITY IN THE
PROCESS INDUSTRIES
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # DE-FG02-86ER13551
MSN ENGR CHEMICAL ENGR (144-BG49) 110,000.00
- 4) THERMODYNAMICS, KINETICS, AND INTERFACE
MORPHOLOGIES OF PHASE FORMATION REACTIONS BETWEEN
METALS AND GALLIUM ARSENIDE: BULK VS THIN-FILM
STUDIES
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # DE-FG02-86ER45274
MSN ENGR MAT SCI & ENGR (144-BG54) 110,000.00
37. ENERGY, DEPT OF
IDAHO FALLS, ID
UNIVERSITY REACTOR SHARING
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # DE-FG07-81ER10229
MSN ENGR NUC ENGR&E PHYSC (144-BG38) 12,000.00
38. ARGONNE NATIONAL LABORATORY
ARGONNE, IL
PRIME CONTRACTOR WITH DOE
ZEUS DATA ACQUISITION FACILITY AT THE
FNAL TEST BEAM
(PARTIES MUTUALLY AGREE TO DEOBLIGATE FUNDS
AND REDUCE THE WORKSCOPE OF THE CONTRACT)
FOR THE PERIOD 04-10-89 THROUGH 09-30-89
AT A TOTAL COST OF \$87,037.00
AWARD # NO. 90892401, MOD. 1
MSN L&S PHYSICS (144-AY87) 46,795.00-
39. ARGONNE NATIONAL LABORATORY
ARGONNE, IL
PRIME CONTRACTOR WITH DOE
ADVANCED PHOTON SOURCE MACHINE RESEARCH
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # PO #A087318
MSN GRAD SYNCHR RAD CTR SRC CTL AC (144-BE48) 40,000.00
40. LAWRENCE BERKELEY LABORATORY
BERKELEY, CA
PRIME CONTRACTOR WITH DCE
DEVELOPMENT OF SYNCHROTRON RADIATION MICROSCOPY
BEAMLINE
FOR THE PERIOD 06-01-89 THROUGH 09-30-89
AWARD # PO 4559910
MSN ENGR ENGR EXPER STA X-RAY LITH (144-BF85) 40,000.00

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41. ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, NC
EFFECTS OF LEAD ON THE AUDITORY SYSTEM IN
MONKEYS
FOR THE PERIOD 08-10-89 THROUGH 09-30-89
AWARD # 9D3765NAEX
MSN L&S PSYCHOLOGY PRIMATE LB (144-BF72) 5,000.00
42. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
GASTRIC CANCER MORTALITY AND NITRATES IN
DRINKING WATER IN WISCONSIN
FOR THE PERIOD 08-23-88 THROUGH 02-22-90
AT A TOTAL COST OF \$45,679.00
AWARD # CR815151-01-0, MOD. 1
MSN HS-MED PREVENTIVE MED (144-AN79) 9,693.00
43. WI DEPT OF NATURAL RESOURCES
MADISON, WI
PRIME CONTRACTOR WITH INTER
ANALYSIS OF WET-SIDE ACID DEPOSITION SAMPLES FOR
DNR-NADP PROGRAM (DELETED THIS NOTICE AND CREATED
133-L462)
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # PD #NRI 91709
MSN L&S LIMNOLOGY CTR (144-AR96) 3,400.00-
44. INTER, FISH AND WILDLIFE SERVICE
MADISON, WI
IN SUPPORT OF THE FOLLOWING:
- 1) ENVIRONMENTAL CONTAMINANTS, EMBRYONIC ANOMALIES
AND PRODUCTIVITY IN MIGRATORY BIRDS
FOR THE PERIOD 05-01-88 THROUGH 09-30-92
AT A TOTAL COST OF \$207,500.00
AWARD # 14-16-00019-1511 WO29, MOD. 2
MSN AG&LSC N R-WILDLIF ECOL (144-AP80) 27,500.00
- 2) THE EFFECTS OF WATER-LEVEL FLUCTUATIONS ON
WETLANDS OF THE KAKAGON SLOUGHS
FOR THE PERIOD 06-07-89 THROUGH 12-31-89
AT A TOTAL COST OF \$25,460.00
AWARD # 14-16-0009-1511, WO#31, MOD. 2
MSN ENV ST CTR BIOTIC SYSTS (144-AT87) 4,471.00
- 3) ANNUAL STATUS OF CANADA GEESE IN THE
MISSISSIPPI FLYWAY
FOR THE PERIOD 05-10-89 THROUGH 09-30-93
AT A TOTAL COST OF \$171,000.00
AWARD # 14-16-0009-1511 WO 32, MOD. 1
MSN AG&LSC N R-WILDLIF ECOL (144-AZ49) 20,000.00
45. NATIONAL AERONAUTICS AND SPACE ADMIN
KENNEDY SPACE CENTER, FL
MICROGRAVITY EFFECTS DURING FERTILIZATION, CELL
DIVISION, DEVELOPMENT AND CALCIUM METABOLISM
IN SEA URCHINS
FOR THE PERIOD 08-01-89 THROUGH 02-28-90
AWARD # NAG10-0064
MSN L&S ZOOLOGY (144-BF78) 60,983.00

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46. NATIONAL AERONAUTICS AND SPACE ADMIN
WASHINGTON, DC
GRADUATE STUDENT RESEARCHERS PROGRAM:
A FRACTAL BASED APPROACH TO STRUCTURE AND
RADIATIVE TRANSFER IN CONIFER CANOPIES
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # NGT-70119
MSN AG&LSC SOIL SCIENCE (144-BF30) 18,000.00
47. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
HIGH SPEED PHOTOMETER GTO SUPPORT
(REDUCTION OF FY-89 FUNDS, TO BE REPLACED
WITH FY-90 FUNDS)
FOR THE PERIOD 05-01-86 THROUGH 10-15-89
AT A TOTAL COST OF \$358,000.00
AWARD # NAS5-29448, MOD. 7
MSN L&S SPACE ASTRON LAB (144-X910) 135,000.00-
48. NASA, MARSHALL SPACE FLIGHT CENTER
MARSHALL SPACE FLIGHT CENTER, AL
WISCONSIN ULTRAVIOLET PHOTO-POLARIMETER EXPERIMENT
FOR THE PERIOD 09-04-81 THROUGH 10-31-89
AT A TOTAL COST OF \$9,683,760.00
AWARD # NAS5-26777, MOD. 41
MSN L&S SPACE ASTRON LAB (144-R418) 272,000.00
49. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
WHAT IS LITERATURE? FRANCE 1100-1600
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # RX-21169-89
MSN L&S FRENCH & ITALIAN (144-BF61) 13,076.00
50. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) PHYSICAL CHEMICAL BASIS OF CONTROL OF GENE
EXPRESSION
FOR THE PERIOD 09-01-88 THROUGH 02-28-91
AT A TOTAL COST OF \$420,000.00
AWARD # CHE-8803673, MOD. 1
MSN L&S CHEMISTRY (144-AL60) 210,000.00
- 2) UW BIOTECHNOLOGY CENTER: HYBRIDOMA AND
TRANSGENIC MOUSE FACILITITES
FOR THE PERIOD 09-01-88 THROUGH 02-28-91
AWARD # DIR-8714245, MOD. 1
MSN GRAD BIOTECHNOLGY CTR (144-AN43) 80,000.00
- 3) PRESIDENTIAL YOUNG INVESTIGATOR AWARD:
PLANT ECOPHYSIOLOGY OF TEMPERATE AND TROPICAL
FOREST SYSTEMS
FOR THE PERIOD 11-01-88 THROUGH 04-30-91
AT A TOTAL COST OF \$87,500.00
AWARD # BSR-8857129, MOD. 1
MSN AG&LSC N RSRCS-FORESTRY (144-AQ96) 62,500.00

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- | | | |
|---|------------|------------|
| 4) DNA/DNA HYBRIDIZATION STUDIES OF MARSUPIALS
FOR THE PERIOD 11-15-88 THROUGH 10-31-90
AT A TOTAL COST OF \$92,610.00
AWARD # BSR-8808150, MOD. 1
MSN L&S ZOOLOGY | (144-AR57) | 22,610.00 |
| 5) COLLABORATIVE RESEARCH: AN EXPERIMENT TO
DETERMINE PROPERTIES OF THE SUBCONTINENTAL
UPPER MATLE USING PORTABLE INSTRUMENTS
FOR THE PERIOD 08-15-89 THROUGH 07-31-90
AWARD # EAR-8904326
MSN L&S GEOL & GEOPHYSICS | (144-BA13) | 64,565.00 |
| 6) CHARACTERIZATION AND LOCALIZATION OF PURINE
SYNTHESIS ENZYMES FROM SOYBEAN NODULES
FOR THE PERIOD 08-15-89 THROUGH 07-31-90
AWARD # DCB-8904549
MSN AG&LSC AGRONOMY | (144-BB36) | 65,000.00 |
| 7) MACROECONOMIC ANALYSIS OF MONEY AND SPECIALIZATION
FOR THE PERIOD 08-15-89 THROUGH 07-31-91
AWARD # SES-8910777
MSN L&S ECONOMICS | (144-BB83) | 35,181.00 |
| 8) PRESIDENTIAL YOUNG INVESTIGATOR AWARD:
DETECTION AND ESTIMATION IN LOW
DIMENSIONAL SUBSPACES
FOR THE PERIOD 08-01-89 THROUGH 07-31-90
AWARD # MIP-8958559
MSN ENGR ELEC & COM ENGR ELEC&COMP | (144-BC09) | 25,000.00 |
| 9) COLLABORATIVE RESEARCH:
MODELLING LIFE TRANSITIONS
FOR THE PERIOD 09-15-89 THROUGH 08-31-92
AWARD # SES-8911648
MSN L&S SOCIOLOGY | (144-BD98) | 40,999.00 |
| 10) NATIONAL SCIENCE FOUNDATION EQUIPMENT GRANT:
ACQUISITION OF A STABLE ISOTOPE RATIO
MASS SPECTROMETER
FOR THE PERIOD 09-01-89 THROUGH 02-29-92
AWARD # DIR-8702251
MSN L&S ANTHROPOLOGY | (144-BE93) | 293,713.00 |
| 11) TRACE METALS AND FLUVIAL RESPONSE RATES
FOR THE PERIOD 08-01-89 THROUGH 07-31-90
AWARD # EAR-8904352
MSN L&S GEOGRAPHY | (144-BF49) | 55,000.00 |
| 12) MATHEMATICAL SCIENCES: MODELLING, ANALYSIS
AND COMPUTATION IN VISCOELASTICITY
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # DMS-8907264
MSN L&S CTR MATH SCI | (144-BF60) | 140,000.00 |

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- 13) WEAK LINKS, GRAIN BOUNDARIES AND SURFACES OF
HIGH-TEMPERATURE SUPERCONDUCTORS
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # DMR-8911332
MSN ENGR MAT SCI & ENGR (144-BF87) 410,000.00
- 14) RESEARCH INITIATION AWARD:
QUANTITATIVE ANALYSIS OF POLISH-INDUCED SURFACE
DAMAGE IN GAAS BY X-RAY DIFFRACTION
FOR THE PERIOD 08-15-89 THROUGH 07-31-91
AWARD # ECS-8908439
MSN ENGR MAT SCI & ENGR (144-BF93) 48,777.00
- 15) STUDY OF NONLINEAR WAVE PLASMA INTERACTION
FOR THE PERIOD 07-15-87 THROUGH 12-31-90
AT A TOTAL COST OF \$277,600.00
AWARD # ECS-8704529, MOD. 3
MSN ENGR NUC ENGR&E PHYSC (144-Z726) 95,000.00
- 16) PRESIDENTIAL YOUNG INVESTIGATOR AWARD:
THEORETICAL NUCLEAR PHYSICS
FOR THE PERIOD 10-01-87 THROUGH 03-31-91
AT A TOTAL COST OF \$83,393.00
AWARD # PHY-8657022, MOD. 2
MSN L&S PHYSICS (144-Z867) 29,695.00
- 17) INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT
FOR THE PERIOD 09-01-87 THROUGH 08-31-89
AT A TOTAL COST OF \$181,670.00
AWARD # AGR DTD 09-16-87, MOD. 2
MSN ENGR ENGR EXPER STA MFG SY ENG (144-Z982) 2,918.00
51. WESTERN WASHINGTON UNIVERSITY
BELLINGHAM, WA
PRIME CONTRACTOR WITH NSF
LATE QUATERNARY CRUSTAL DEFORMATION ALONG THE
CASCADIA SUBDUCTION ZONE IN SOUTHERN AND
CENTRAL COASTAL OREGON
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # AGR DTD 08-15-89
MSN AG&LSC SOIL SCIENCE (144-BF41) 29,709.00
52. GRAVI-MECHANICS COMPANY
NAPERVILLE, IL
PRIME CONTRACTOR WITH NSF
A METHOD FOR LARGE SCALE PROPAGATION OF ECONOMIC
PLANT CULTIVARS ELIMINATING LABOR-INTENSIVE TISSUE
HANDLING
(REDUCED TO FUNDING LEVEL RECOMMENDED BY THE
NATIONAL SCIENCE FOUNDATION)
FOR THE PERIOD 09-01-87 THROUGH 08-31-89
AT A TOTAL COST OF \$52,756.00
AWARD # CHK DTD 9/26/87, MOD. 1
MSN AG&LSC HORTICULTURE (144-AB99) 2,242.00-

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53.	VETERANS ADMIN MILWAUKEE, WI SENSORY SUBSTITUTION IN INSENSATE HANDS AND FEET FOR THE PERIOD 10-01-86 THROUGH 09-30-89 AT A TOTAL COST OF \$335,235.00 AWARD # V695P-2906, MOD. 8 MSN ENGR ELEC & COM ENGR ELEC&COMP (144-Y844)	5,935.00
54.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI FACULTY START-UP FOR THE PERIOD 07-01-89 THROUGH 06-30-90 MSN GRAD ENGINEERING MECH ENGR (135-0013)	32,292.00
55.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI FACULTY START-UP FOR THE PERIOD 07-01-89 THROUGH 06-30-90 MSN GRAD L&S HISTORY (135-0018)	32,292.00
56.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI FACULTY ENHANCEMENT AND ENDOWMENT FUND FOR THE PERIOD 07-01-89 THROUGH 06-30-90 MSN GRAD L&S HISTORY (135-0020)	26,082.00
57.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY (133-A250)	345.00
58.	CANCER RESEARCH MSN HS-MED (133-A251)	
	100.00 MULTIPLE DONORS 833.00 UNIVERSITY OF MINNESOTA FOUNDATION MINNEAPOLIS, MN	933.00
59.	UNIVERSITY OF MINNESOTA FOUNDATION MINNEAPOLIS, MN HEART RESEARCH MSN HS-MED (133-A252)	834.00
60.	SUPPORT HEMATOLOGY SECTION IN THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE HEMATOLOGY (133-A802)	
	1,000.00 BECTON-DICKINSON TOWSON, MD 500.00 UPJOHN COMPANY CRYSTAL LAKE, IL	1,500.00

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61.	DISCRETIONARY FUND IN THE DEPARTMENT OF PATHOLOGY MSN HS-MED PATHOL & LAB MED ANAT PATH (133-B289)	496.25 700.00	MULTIPLE DONORS AMERICAN ASSOCIATION FOR CLINICAL CHEMISTRY WASHINGTON, DC	1,196.25
62.	GRAND AERIE FRATERNAL ORDER OF EAGLES BROOKFIELD, WI HEART RESEARCH-CARDIOLOGY SECTION MSN HS-MED MEDICINE CARDIOLOGY (133-B379)			5,000.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF PLASTIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY DENT&P SRG (133-B572)			9,898.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF ORTHOPEDIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY ORTHO SURG (133-B574)			9,518.00
65.	FRIDAY CANNING NEW RICHMOND, WI VEGETABLE PROCESSING MSN AG&LSC FOOD SCIENCE (133-C289)			3,500.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF UROLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY UROLOGY (133-C455)			15,651.00
67.	AMERICAN FOUNDATION FOR PHARMACEUTICAL EDUCATION FAIR LAWN, NJ RESEARCH AND EDUCATION OF OUTSTANDING GRADUATE STUDENTS IN PHARMACY MSN HS-PHR PHARMACY (133-C504)			26,250.00
68.	AMERICAN CYANAMID COMPANY PRINCETON, NJ CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY (133-C975)			4,000.00
69.	MULTIPLE DONORS SEED QUALITY RESEARCH MSN AG&LSC AGRONOMY (133-C999)			200.00
70.	AMERICAN CYANAMID COMPANY PRINCETON, NJ PHYSIOLOGICAL ASPECTS OF WEED GROWTH AND CONTROL MSN AG&LSC AGRONOMY (133-DO44)			12,000.00

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71.	PLANT BREEDING AND GENETICS OF VEGETABLE CROPS MSN AG&LSC HORTICULTURE (133-D117)		
	4,046.00	VLASIC FARMINGTON HILLS, MI	
	3,680.00	PICKLE PACKERS INTERNATIONAL ST CHARLES, IL	
			7,726.00
72.	WINTHROP LABORATORIES NEW YORK, NY WINTHROP RESEARCH FELLOW IN NEURORADIOLOGY MSN HS-MED RADIOLOGY DIAGNOSTIC (133-D368)		18,000.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND EDUCATIONAL PROGRAMS IN THE DEPARTMENT OF HUMAN ONCOLOGY (133-D448)		13,808.47
74.	DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH (133-D646)		
	720.00	BECKMAN INSTRUMENTS FULLERTON, CA	
	80.00	MULTIPLE DONORS	
	402.50	MULTIPLE DONORS	
			1,202.50
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STANDARD OIL OF OHIO GRADUATE FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY (133-D987)		10,000.00
76.	DAHL (JUNE L) MADISON, WI ONTOGENY OF ENKEPHALINERGIC SYSTEMS MSN HS-MED PHARMACOLOGY (133-E144)		3,971.00
77.	MULTIPLE DONORS SUPPORT ELECTRON MICROSCOPE FACILITY AND ASSOCIATED RESEARCH PROJECTS MSN L&S BOTANY (133-E866)		150.00
78.	MULTIPLE DONORS GENERAL RESEARCH MSN HS-PHR PHARMACY (133-F090)		340.00
79.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI EXPOSURE THERAPIST SALARY SUPPORT MSN HS-MED PSYCHIATRY (133-F119)		1,948.29

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80.	MULTIPLE DONORS RESEARCH IN KIDNEY TRANSPLANTATION MSN HS-MED SURGERY	(133-F197)	3.49
81.	PILLSBURY MINNEAPOLIS, MN GENERAL RESEARCH MSN AG&LSC FOOD SCIENCE	(133-F506)	33,200.00
82.	MULTIPLE DONORS CHEMICAL AND TOXICOLOGICAL STUDIES OF NOVEL INSECT GROWTH REGULATORS MSN AG&LSC ENTOMOLOGY	(133-F625)	220.00
83.	EASTERN ARTIFICIAL INSEMINATION COOPERATIVE ITHACA, NY MECHANISMS OF VIRAL PATHOGENESIS MSN VET M PATHOBIOLGCL SCI	(133-F663)	3,050.00
84.	MULTIPLE DONORS PROPHYLAXIS OF RECURRENT URINARY TRACT INFECTIONS IN ELDERLY MEN MSN HS-MED MEDICINE GEN INT MD	(133-F701)	200.00
85.	COUNTY OF DOOR STURGEON BAY, WI SUPPORT RESEARCH ACTIVITIES AT THE PENINSULAR STATION MSN AG&LSC PENINSLR RES STA	(133-G481)	2,500.00
86.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	2,236.63
87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANXIETY DISORDERS CLINIC MSN HS-MED PSYCHIATRY	(133-G812)	524.25
88.	ANONYMOUS DONOR STUDIES AT MCARDLE LABORATORY MSN HS-MED ONCOLOGY	(133-G848)	60,700.00
89.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-G920)	300.00
90.	RORER FORT WASHINGTON, PA PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-G990)	600.00
91.	AMERICAN CYANAMID COMPANY PRINCETON, NJ WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-H072)	1,750.00

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92.	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 09-30-90 AT A 299,995 LEVEL MSN AG&LSC BIOCHEMISTRY	(133-H505)	75,000.00
93.	POTATO ASSOCIATION OF AMERICA ORONO, ME DEFRAY EXPENSES IN CONJUNCTION WITH POSITION AS SECRETARY OF POTATO ASSOCIATION OF AMERICA MSN AG&LSC HORTICULTURE	(133-H549)	1,440.00
94.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI RADIOLOGY SERVICES MSN HS-MED RADIOLOGY	(133-H856)	5,791.83
95.	AGROLINZ MEMPHIS, TN WEED RESEARCH MSN AG&LSC HORTICULTURE	(133-J401)	1,920.00
96.	ZU-RHEIN (DR. GABRIELE M.) MADISON, WI ELECTRON MICROSCOPY AND IMMUNOCYTOCHEMISTRY OF BRAIN TUMORS MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-J601)	300.00
97.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HELFAER PROFESSORSHIP MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-J715)	50,000.00
98.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARNITINE PALMITOYL TAURINE STUDIES MSN HS-MED MEDICINE CARDIOLOGY	(133-J910)	60,000.00
99.	SYVA COMPANY PALO ALTO, CA ASSAY WORK IN CLINICAL LABORATORIES MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-J971)	861.00
100.	MULTIPLE DONORS SPORT PSYCHOLOGY PROJECT MSN EDUC PHYS ED & DANCE PHYS EDUC	(133-K008)	195.94
101.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NEUROLOGICAL REHABILITATION RESEARCH MSN HS-MED REHABIL MEDICINE	(133-K604)	5,000.00

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102.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION FOR THE DEVELOPMENT OF NEW PROCESSES MSN ENGR CHEMICAL ENGR	(133-K659)	1,800.00
103.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRANK W AND JANE KUEHL SCHOLARSHIPS MSN LAW LAW SCHOOL	(133-K757)	900.00
104.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JOHN WATTAWA MEMORIAL SCHOLARSHIPS MSN LAW LAW SCHOOL	(133-K758)	1,900.00
105.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SOCIAL STRATIFICATION RESEARCH FUND @ MSN L&S SOCIOLOGY	(133-K855)	10,000.00
106.	CIBA-GEIGY CORPORATION SUMMIT, NJ ANXIETY DISORDERS CENTER "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-K955)	49,030.00
107.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY	(133-L042)	15,000.00
108.	HOFFMANN-LAROCHE, INC. NUTLEY, NJ INTERRUPTION OF NATURALLY TRANSMITTED RHINOVIRUS COLDS BY USE OF ROCHE VITAMIN C "CLIN" MSN HS-MED PREVENTIVE MED	(133-L044)	20,000.00
109.	GLAXO, INC. RESEARCH TRIANGLE PARK, NC SOLID-SOLID INTERACTIONS MSN HS-PHR PHARMACY	(133-L092)	15,000.00
110.	WISC DEPT OF NATURAL RESOURCES MADISON, WI ACID DEPOSITION SAMPLING - TROUT LAKE AWARD # P.O. # NRI91709, NRH95759 MSN L&S LIMNOLOGY CTR	(133-L462)	3,400.00
111.	MULTIPLE DONORS CLINICAL PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-L496)	400.00
112.	CELPRIL INDUSTRIES, INC. MANTECA, CA ALFALFA RESEARCH MSN AG&LSC AGRONOMY	(133-L700)	1,000.00

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113.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY A DOUBLE-BLIND, PARALLEL GROUP, DOSE RESPONSE STUDY COMPARING THE EFFICACY AND SAFETY OF 2.5 MG, 10 MG AND 40 MG BISOPROLOL TO PLACEBO GIVEN ONCE DAILY IN PATIENTS WITH STABLE ANGINA PECTORIS DUE TO CORONARY HEART DISEASE (P 57 P 5 T 10) "CLIN" MSN HS-MED MEDICINE CARDIOLOGY (133-L892)	10,965.20
114.	MULTIPLE DONORS VOICE/GENERAL RESEARCH PROJECT MSN HS-MED SURGERY OTOLARYN (133-L897)	472.50
115.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH IN X-RAY LITHOGRAPHY WITH RESISTS MSN L&S CHEMISTRY (133-L899)	25,000.00
116.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STUDY EFFECTS OF TREATMENTS OF BRAIN TUMORS MSN HS-MED NEURO SURG NUERO SURG (133-L942)	22,000.00
117.	ACADEMY OF FINLAND NATIONAL RESEARCH COUNCIL FOR AGRICULTURE AND FORESTRY HELSINKI, FINLAND FACTORS AFFECTING COLD HARDINESS IN FOREST TREES MSN AG&LSC N RSRCS-FORESTRY (133-L956)	1,000.00
118.	STUART PHARMACEUTICALS WILMINGTON, DE ICI 176, 334 IN PATIENTS WITH ADVANCED PROSTATIC CARCINOMA "CLIN" MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-L975)	7,000.00
119.	QUAKER OATS COMPANY BARRINGTON, IL DIETARY FIBER, LIPID AND XENOBIOTIC METABOLISM MSN AG&LSC NUTRITIONAL SCI (133-L989)	20,000.00
120.	MEDICAL RESEARCH COUNCIL OF CANADA OTTAWA, ONTARIO, CANADA RESEARCH ALLOWANCE TO DEFRAY THE COST OF RESEARCH TRAINING MSN AG&LSC VETERINARY SCI (133-M123)	1,083.29
121.	WHITAKER FOUNDATION CAMP HILL, PA AUTOMATED DNA SEQUENCING: A TOOL FOR THE CHARACTERIZATION OF HUMAN GENOME AND THE ANALYSIS OF GENETIC DEFECTS MSN L&S CHEMISTRY (133-M180)	50,000.00
122.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SONNEDECKER RESIDENCY IN THE HISTORY OF PHARMACY MSN HS-PHR PHARMACY (133-M257)	2,000.00

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123.	REID-ROWELL MARIETTA, GA FLUVOXAMINE IN THE TREATMENT OF OBSESSIVE COMPULSIVE DISORDER "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-M275)	7,729.96
124.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MOBILE COMMUNITY TREATMENT (MCT) PROGRAM STUDY MSN HS-MED PSYCHIATRY	(133-M401)	7,700.00
125.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GLENN B. HAWKINS AND CLEONE ORR HAWKINS PROFESSOR OF POLITICAL SCIENCE MSN L&S POLITICAL SCI	(133-M404)	13,000.00
126.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN HUMATROPE AND LOW DOSE ESTROGEN IN TURNER'S SYNDROME "CLIN" AWARD # 13783D MSN HS-MED PEDIATRICS	(133-M479)	380.80
127.	APPLIED BIOSYSTEMS FOSTER CITY, CA RESEARCH STUDIES ON THE DEVELOPMENT OF DNA SEQUENCING METHODS MSN L&S CHEMISTRY	(133-M602)	12,500.00
128.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WEAR RESISTANT COATINGS RESEARCH MSN ENGR MAT SCI & ENGR	(133-M611)	10,000.00
129.	SONOCO PRODUCTS COMPANY HARTSVILLE, SC DEVELOPMENT OF A VIABLE APPROACH FOR QC TESTING OF PRODUCTION-TYPE PAPER TUBES FOR THE PERIOD 02-22-88 THRU 11-30-89 MSN ENGR ENGR EXPER STA STRUCT&M T	(133-M673)	20,000.00
130.	NATIONAL DAIRY PROMOTION AND RESEARCH BOARD LOGAN, UT BEHAVIOR OF LISTERIA MONOCYTOGENES DURING MANUFACTURE AND RIPENING OF CHEESE FOR THE PERIOD 03-01-89 THRU 02-28-91 MSN AG&LSC FOOD SCIENCE	(133-M726)	70,000.00
131.	MULTIPLE DONORS GENERAL ENTOMOLOGICAL RESEARCH MSN AG&LSC ENTOMOLOGY	(133-M728)	7.75
132.	MULTIPLE DONORS FOOD INSECTS RESEARCH AND DEVELOPMENT PROJECT MSN AG&LSC ENTOMOLOGY	(133-M749)	30.00

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133.	MERCK & COMPANY, INC. WEST POINT, PA A RANDOMIZED, PLACEBO CONTROLLED, DOUBLE-BLIND PARALLEL PILOT STUDY OF THE EFFECTS OF ENALAPRIL ON TOTAL MYOCARDIAL ISCHEMIC BURDEN IN HYPERTENSIVE PATIENTS MSN HS-MED MEDICINE	CARDIOLOGY	(133-M832)	25,320.00
134.	WISCONSIN POWER & LIGHT MADISON, WI SOIL FERTILITY STUDIES MSN AG&LSC SOIL SCIENCE		(133-M834)	3,300.00
135.	BIOMET, INC. WARSAW, IN EVALUATION OF WISCONSIN FEMORAL COMPONENT FOR TOTAL HIP ARTHROPLASTY MSN HS-MED SURGERY	ORTHO SURG	(133-M953)	1,040.00
136.	SQUIBB (E.R.) & SONS PRINCETON, NJ RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL OF FOSINOPRIL IN COMBINATION WITH CHLORTHALIDONE IN MILD TO MODERATE ESSENTIAL HYPERTENSION "CLIN" (REDUCED TO REFLECT REIMBURSE- MENT FOR ACTUAL NUMBER OF PATIENTS IN STUDY) MSN HS-MED MEDICINE	GEN INT MD	(133-N083)	2,291.29-
137.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ A DOUBLE-BLIND, PLACEBO-CONTROLLED ANGIOGRAPHIC STUDY TO EVALUATE THE EFFECT OF MENINOLIN (LOVASTATIN) ON THE PROGRESSION RATE OF ARTHEROSCLEROSIS IN CORONARY ARTERIES OF PATIENTS WITH CORONARY HEART DISEASE "CLIN" MSN HS-MED MEDICINE	CARDIOLOGY	(133-N084)	323,549.00
138.	NAUTILUS RESEARCH CORPORATION MADISON, WI COMPARATIVE STUDY OF ABBOTT-56268 AND AMPICILLIN IN THE TREATMENT OF OUTPATIENTS WITH ACUTE BACTERIAL EXACERBATION OF CHRONIC BRONCHITIS MSN HS-MED MEDICINE	PULMON MED	(133-N089)	1,000.00
139.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHARACTERISTICS OF PUBLISHED ARBITRATION AWARDS MSN L&S SPECIAL PROJECTS CTR FOR DV		(133-N101)	1,200.00
140.	FRUIT & VEGTABLE RESEARCH MSN AG&LSC HORTICULTURE		(133-N102)	
	4,320.00	WGM-HYDRO		
	3,840.00	S. SAN FRANCISCO, CA		
		STOLLER CHEMICAL COMPANY, INC.		
		HOUSTON, TX		
	2,400.00	ORE-IDA FOODS, INC.		
		PLOVER, WI		
				10,560.00

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141.	MC DONALD'S CORPORTATION OAK BROOK, IL IDENTIFICATION OF CANCER INHIBITOR (S) IN GRILLED BEEF MSN AG&LSC FOOD MICRO&TOXIC	(133-N135)	50,000.00
142.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GLENN B HAWKINS AND CLEONE ORR HAWKINS CHAIR OF POLITICAL SCIENCE MSN L&S POLITICAL SCI	(133-N178)	70,890.00
143.	NICOLET INSTRUMENT CORPORATION MADISON, WI SUPPORT OF DOCTORAL CANDIDATES IN MASS SPECTROMETRY MSN L&S CHEMISTRY	(133-N207)	5,903.78
144.	SHAVER POULTRY BREEDING FARMS LTD. CAMBRIDGE, ONTARIO, CANADA THE EFFECT OF NUTRITIONAL REGIMES ON STRAINS OF EGG PRODUCING PULLETS MSN AG&LSC POULTRY SCIENCE	(133-N217)	6,500.00
145.	INTERNATIONAL CLINICAL RESEARCH CORPORATION LA MESA, CA THE USE OF ALPIDEM IN PATIENTS WITH GENERALIZED ANXIETY DISORDER "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-N297)	2,400.00
146.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ A MULTICENTER, RANDOMIZED, PARALLEL-GROUP, DOUBLE- MASKED, PLACEBO-CONTROLLED STUDY TO DETERMINE THE EFFECT OF DAILY ADMINISTRATION OF MK-538ON THE PROGRESSION OF BACKGROUND RETINOPATHY IN DAIBETIC PATIENTS "CLIN" MSN HS-MED OPHTHALMOLOGY	(133-N323)	17,042.76
147.	UNIVERSITY TECHNOLOGY TRANSFER, INC. TORRENCE, CA GALVANIC AND PIEZOELECTRIC MICROSENSORS FOR BIOACTIVE AGENTS AND CONTROLLED SUBSTANCES MSN L&S CHEMISTRY	(133-N419)	118,819.00
148.	AMERICAN INSTITUTE OF THE HISTORY OF PHARMACY MADISON, WI SONNEDECKER RESEARCH ASSISTANTSHIP FUND MSN HS-PHR PHARMACY	(133-N422)	5,267.44
149.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI CORRECTIONAL SERVICES MEDICAL DIRECTOR FOR THE PERIOD 10-17-88 THRU 12-31-89 AWARD # FAJ22655 PO MSN HS-MED FAM MED & PRACT OUTREACH	(133-N454)	71,125.00

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150.	AMERICAN ECONOMIC ASSOCIATION NASHVILLE, TN COMMISSION ON GRADUATE EDUCATION IN ECONOMICS MSN L&S ECONOMICS (133-N531)	53,752.00
151.	AMERICAN ACADEMY OF ALLERGY & IMMUNOLOGY MILWAUKEE, WI COMPARISON OF ORAL THROPHYLLINE AND AEROSOL BECLOMETHASONE DIPROPIONATE THERAPY OF ASTHMA "CLIN" MSN HS-MED MEDICINE ALLRGY&IMM (133-N574)	23,910.00
152.	NATIONAL RESPOSITORY FOR SPECIMENS FROM CATTLE OF PROVEN M. TUBERCULOSIS INFECTION STATUS MSN VET M PATHOBIOLGCL SCI (133-N755)	
	500.00 IDEXX PORTLAND, ME	
	300.00 MULTIPLE DONORS	800.00
153.	MULTIPLE DONORS GENERAL CLINICAL RESEARCH CENTER MSN HS-MED SPEC PROJECT UW-GCRC (133-N782)	300.00
154.	AMERICAN DIABETES ASSOCIATION WISCONSIN AFFILIATE, INC. MILWAUKEE, WI THE USE OF PROVOCATIVE TESTING TO COMPARE CARDIAC FUNCTION IN THREE MODELS OF DIABETIC CARDIOMYOPATHY FOR THE PERIOD 07-01-88 THRU 06-30-89 (PRINCIPAL INVESTIGATOR TRANSFERRED TO NORTH CAROLINA STATE UNIVERSITY) MSN VET M MEDICAL SCIENCES (133-N799)	5,285.00-
155.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCIENCE RESOURCE NETWORK FOR THE PERIOD 07-01-89 THRU 12-31-89 MSN GRAD EDUCATION CURR&INSTR (133-N870)	1,000.00
156.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI THE USES AND EFFECTS OF AUDIOTEX IN PUBLIC EDUCATION/INFORMATION SETTINGS FOR THE PERIOD 07-01-89 THRU 12-31-89 MSN GRAD AGR & LIFE SCI AGR JOURN (133-N872)	1,000.00
157.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI THE POLITICAL ECONOMY OF BIOINFORMATICS FOR THE PERIOD 07-01-89 THRU 12-31-89 MSN GRAD AGR & LIFE SCI RURAL SOC (133-N873)	2,000.00

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158.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EFFECTS OF DIGITS/TECHNOLOGY ON PHOTOJOURNALISM FOR THE PERIOD 07-01-89 THRU 12-31-89 MSN GRAD L&S JOURN& M C (133-N875)	1,000.00
159.	UNITED NATIONS HIGH COMMISSIONER FOR REFUGEES GENEVA, SWITZERLAND TRAINING MODULE PRODUCTION FOR THE PERIOD 01-01-89 THRU 12-31-89 AWARD # 89/AP/VAR/LS/400/OV/(CA) MSN ENGR ENGR PRFSNL DVLP (133-N954)	39,809.00
160.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN NIZATIDINE VS. PLACEBO IN GASTRIC ULCER DISEASE MSN HS-MED MEDICINE GASTROENT (133-N958)	4,618.20
161.	BONE CARE INTERNATIONAL, INC. MADISON, WI BONE CARE FUND MSN AG&LSC BIOCHEMISTRY (133-N990)	1,731.87
162.	NAUTILUS RESEARCH CORPORATION MADISON, WI AN EVALUATION OF CITRUCEL (ORANGE FLAVOR) BULK-FORMING LAXATIVE IN THE TREATMENT OF CHRONIC CONSTIPATION MSN HS-MED MEDICINE GASTROENT (133-N996)	10,250.00
163.	MERCK SHARPE & DOHME RESEARCH LABORATORIES WEST POINT, PA A MULTICENTER, RANDOMIZED, PARALLEL-GROUP, DOUBLE-MASKED, PLACEBO-CONTROLLED STUDY TO DETERMINE THE EFFECT OF DAILY ADMINISTRATION OF MK-538 ON THE PROGRESSION OF BACKGROUND RETINOPATHY IN DIABETIC PATIENTS MSN HS-MED OPHTHALMOLOGY (133-PO55)	1,046.36
164.	UPJOHN COMPANY KALAMAZOO, MI EFFECT OF BROPIRIMINE ON FANTFT - INDUCED MURINE BLADDER CARCINOMA MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-PO83)	7,300.00
165.	MCNEIL PHARMACEUTICAL SPRING HOUSE, PA ETOPERIDONE: EFFICACY AND SAFETY IN OUTPATIENTS WITH MAJOR DEPRESSION "CLIN" MSN HS-PSY PSYCHIATRIC INST (133-P189)	11,112.00
166.	RIVER VALLEY VET CLINIC S.C. PLAIN, WI SWINE RESPIRATORY DISEASE MSN VET M MEDICAL SCIENCES (133-P218)	2,230.00

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167.	DUPONT (E I) DENEMOURS AND COMPANY WILMINGTON, DE EVALUATION OF 4 CHEM-12 ROTOR METHODS ON THE DUPONT ANALYST MSN HS-MED PATHOL & LAB MED ANAT PATH (133-P367)	8,340.00
168.	WISC DEPT OF NATURAL RESOURCES MADISON, WI BASELINE DATA ACQUISITION ON STATE NATURAL AREAS FOR THE PERIOD 01-01-89 THRU 06-30-89 AWARD # NRI 93400 MSN L&S BOTANY (133-P466)	750.00
169.	WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI COOPERATIVE CHILDREN'S BOOK CENTER FOR THE PERIOD 07-01-89 THRU 06-30-89 AWARD # PAJ 00675 MSN EDUC INSTR MATER CTR C C B C (133-P467)	37,900.00
170.	NATIONAL DAIRY PROMOTION AND RESEARCH BOARD LOGAN, UT INCORPORATION OF BUTTERFAT FRACTIONS INTO CHOCOLATE AND CONFECTIONARY PRODUCTS FOR THE PERIOD 07-01-89 THRU 06-30-92 MSN AG&LSC FOOD SCIENCE (133-P492)	161,160.00
171.	WISC DEPT OF NATURAL RESOURCES MADISON, WI BASELINE DATA ACQUISITION ON STATE NATURAL AREAS FOR THE PERIOD 06-26-89 THRU 12-31-89 AWARD # P.O.#NRI 93471 MSN AG&LSC NR-LANDSCAP ARCH (133-P552)	2,780.00
172.	KRAFT TECHNOLOGY CENTER GLENVIEW, IL MECHANISMS OF MOISTURE MIGRATION IN FROZEN FOODS MSN AG&LSC FOOD SCIENCE (133-P606)	25,000.00
173.	GRAYSON FOUNDATION, INC. LEXINGTON, KY IS EQUINE LARYNGEAL HEMIPLEGIA A CONGENITAL AND INHERITED CONDITION? MSN VET M MEDICAL SCIENCES (133-P658)	24,082.00
174.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN PHASE II SULFONYLUREA/LILLY B9W MC JGAJ "CLIN" MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-P659)	6,552.00
175.	AMERICAN HEART ASSOCIATION DALLAS, TX ESTABLISHED INVESTIGATORSHIP AWARD FOR THE PERIOD 08-01-89 THRU 06-30-90 AWARD # 870658 MSN HS-MED PHYSIOLOGY (133-P724)	34,000.00

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176.	AMERICAN HEART ASSOCIATION DALLAS, TX PHARMACOLOGICAL PROFILE OF CA CHANNELS IN PLANAR BILAYERS FOR THE PERIOD 08-01-89 THRU 06-30-90 AWARD # 860109 MSN HS-MED PHYSIOLOGY	(133-P725)	24,750.00
177.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY ACTIVATION OF CA CHANNELS IN SARCOPLASMIC PETICULUM FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN HS-MED PHYSIOLOGY	(133-P726)	31,824.00
178.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI ELECTROPHORETIC EXAMINATION OF SINGLE RAT MYOCYTES MSN HS-MED PHYSIOLOGY	(133-P729)	1,600.00
179.	KIEL (CITY OF) KIEL, WI REVITALIZATION OF KIEL MSN AG&LSC NR-LANDSCAP ARCH	(133-P730)	5,200.00
180.	FANSTEEL METALS NORTH CHICAGO, IL EVALUATION TESTS ON FANSTEEL MATERIAL AWARD # M89-26526 MSN ENGR ENGR EXPER STA SUPERCONDT	(133-P735)	3,000.00
181.	NORTH AMERICAN STRAWBERRY GROWERS ASSOCIATION TARPON SPRINGS, FL STRAWBERRY RESEARCH MSN AG&LSC HORTICULTURE	(133-P754)	960.00
182.	LATIN AMERICAN SCHOLARSHIP PROGRAM FOR AMERICAN UNIVERSITIES CAMBRIDGE, MA RESEARCH ASSISTANT SUPPORT MSN AG&LSC FOOD SCIENCE	(133-P755)	9,948.00
183.	JONES (W. ALTON) FOUNDATION, INC. CHARLOTTESVILLE, VA STRENGTHENING NUCLEAR EXPORT CONTROLS FOR THE PERIOD 09-01-89 THRU 08-31-92 MSN LAW LAW SCHOOL	(133-P760)	250,000.00
184.	WISC DEPT OF NATURAL RESOURCES MADISON, WI INVESTIGATING THE SOURCES AND EXTENT OF ATRAZINE CONTAMINATION IN A FOLLOW-UP TO THE GRADE A DAIRY SURVEY FOR THE PERIOD 08-25-89 THRU 06-30-90 AWARD # NRJ 94539 MSN GRAD WATER RESOURCES WATER RESO	(133-P761)	22,490.00

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185.	KONE CORPORATION INSTRUMENT GROUP ESPOO, FINLAND DYNAMIC EXPERT QUALITY CONTROL: DESIGN OF MEDICALLY USEFUL QC PROCEDURES MSN HS-MED PATHOL & LAB MED ANAT PATH (133-P762)	50,000.00
186.	FORD MOTOR COMPANY DEARBORN, MI DC/DC CONVERTERS FOR DUAL VOLTAGE ELECTRICAL SYSTEMS IN AUTOMOTIVE APPLICATIONS AWARD # 47-R-W81056 MSN ENGR ELEC & COM ENGR ELEC&COMP (133-P764)	40,500.00
187.	INTERNATIONAL BUSINESS MACHINES CORPORATION SAN JOSE, CA PERFORMANCE EVALUATION OF TRANSITIVE CLOSURE ALGORITHMS FOR THE PERIOD 08-23-89 THRU 12-31-89 AWARD # 0102 MSN L&S COMPUTER SCI (133-P765)	20,000.00
188.	FORD FOUNDATION NEW YORK, NY NEW PERSPECTIVE ON RACIAL ISSUES: MIDDLE-SIZED METROPOLITAN AREAS FOR THE PERIOD 07-01-89 THRU 08-31-90 AWARD # 895-0968 MSN L&S LAFOLLET PUBL AF (133-P766)	50,000.00
189.	HAZLETON LABORATORIES AMERICA, INC. MADISON, WI RESEARCH SERVICES UNDER TIME CONSTRAINTS MSN HS-MED ANATOMY (133-P767)	27,000.00
190.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN LUMINESCENT SEMICONDUCTOR-DERIVED DEVICES FOR THE PERIOD 07-01-89 THRU 06-30-90 MSN L&S CHEMISTRY (133-P770)	20,000.00
191.	FRANKLIN MUSHROOM FARMS, INC. NORTH FRANKLIN, CT SHIITAKE MUSHROOM RESEARCH MSN L&S BOTANY (133-P773)	14,700.00
192.	CRITICARE SYSTEMS, INC. MILWAUKEE, WI EVALUATION OF CRITICARE VOLATILE ANESTHETIC RESPIRATORY MONITOR MSN HS-MED ANESTHESIOLOGY (133-P777)	5,720.00
193.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EVJUE-BASCOM PROFESSORSHIP 1989-90 MSN L&S JOURN & MASS COM (133-P778)	7,000.00

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194.	PFIZER CENTRAL RESEARCH GROTON, CT SUPPORT FOR RESEARCH ASSISTANT STUDIES IN SPECTROSCOPIC EVALUATION OF SKIN MSN HS-PHR PHARMACY	(133-P780)	4,000.00
195.	DANFORTH FOUNDATION ST LOUIS, MO CYCLE III, DANFORTH FOUNDATION PROGRAM FOR PROFESSORS OF SCHOOL ADMINISTRATION FOR THE PERIOD 06-01-89 THRU 12-31-90 MSN EDUC EDUC ADMIN	(133-P783)	30,000.00
196.	ILLINOIS DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES SPRINGFIELD, IL ST. COLETTA-MONITORING VISITS FOR DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES FOR THE PERIOD 08-25-89 THRU 06-30-90 MSN L&S SOCIAL WORK	(133-P784)	2,400.00
197.	AMERICAN CANCER SOCIETY, INC. ATLANTA, GA PURIFICATION OF THE AH RECEPTOR FOR THE PERIOD 02-01-89 THRU 12-31-89 AWARD # BC-568 MSN HS-MED ONCOLOGY	(133-P785)	10,187.23
198.	BELOIT/JANESVILLE SYMPHONY ORCHESTRA BELOIT, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION PROJECT ASSISTANTS MSN BUS SCH OF BUSINESS	(133-P786)	4,250.00
199.	WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI VOLATILE ORGANIC CHEMICAL (VOC) ATTENUATION IN UNSATURATED SOIL ABOVE AND BELOW AN ONSITE WASTEWATER INFILTRATION SYSTEM FOR THE PERIOD 09-01-89 THRU 06-30-90 AWARD # NRJ 94545 MSN AG&LSC SOIL SCIENCE	(133-P789)	20,780.00
200.	TRITON BIOSCIENCES, INC. ALAMEDA, CA PRECLINICAL INTERFERON RESEARCH FOR THE PERIOD 10-01-89 THRU 09-30-90 MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY	(133-P791)	253,989.00
201.	JOHNSON (S.C.) & SON & COMPANY RACINE, WI CHARACTERIZATION OF INSECTICIDAL ACTIVITY OF XENORHABDUS LUMINESCENS MSN AG&LSC ENTOMOLOGY	(133-P798)	17,500.00

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202.	RADIATION MEASUREMENTS INCORPORATED MIDDLETON, WI DOPPLER ULTRASOUND EQUIPMENT TESTING FOR THE PERIOD 08-01-89 THRU 06-30-90 MSN HS-MED MEDICAL PHYSICS	(133-P799)	12,020.00
203.	RADIATION MEASUREMENTS INCORPORATED MIDDLETON, WI QUANTITATIVE PERFORMANCE TESTS IN ULTRASOUND FOR THE PERIOD 08-01-89 THRU 06-30-90 MSN HS-MED MEDICAL PHYSICS	(133-P800)	9,249.00
204.	INTERNATIONAL BUSINESS MACHINES CORPORATION ROCHESTER, MN COBALT MAGNETIC COUPLING STUDY FOR THE PERIOD 07-01-89 THRU 06-30-90 AWARD # 7-89 MSN L&S PHYSICS	(133-P801)	30,200.00
205.	WISCONSIN POWER & LIGHT COMPANY MADISON, WI DOWNTOWN REVITALIZATION MSN AG&LSC NR-LANDSCAP ARCH	(133-P802)	2,400.00
206.	JOHNSTON COMPANY MILWAUKEE, WI MICROBIOLOGICAL SAFETY OF CHEESE SPREADS MSN AG&LSC FOOD MICRO&TOXIC	(133-P803)	4,500.00
207.	GALLOWAY WEST COMPANY FOND DU LAC, WI MOZZARELLA CHEESE RESEARCH MSN AG&LSC DAIRY RESEARCH,C DAIRY RESE	(133-P804)	1,700.00
208.	MAUSTON MERCHANT'S ASSOCIATION MAUSTON, WI MAUSTON DOWNTOWN REVITILIZATION MSN AG&LSC NR-LANDSCAP ARCH	(133-P805)	2,910.00
209.	KAUKAUNA CHEESE KAUKAUNA, WI THE EVALUATION OF CHEESE SPREAD AND CHEESE FOOD STABILITY -- PHASE II MSN AG&LSC FOOD MICRO&TOXIC	(133-P806)	2,000.00
210.	CASE (J.I.) RACINE, WI MOWER - CONDITIONER LEAF LOSS AND ASSOCIATED DRYING RATE MSN AG&LSC AG ENGINEERING	(133-P807)	6,000.00
211.	SARGENTO CHEESE COMPANY, INC. PLYMOUTH, WI CHOLESTEROL-FREE CHEDDAR CHEESE MSN AG&LSC DAIRY RESEARCH,C DAIRY RESE	(133-P810)	900.00

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212.	AGRACETUS MIDDLETON, WI GENERAL RESEARCH MSN AG&LSC HORTICULTURE	(133-P811)	3,000.00
213.	IMMUNEX CORPORATION SEATTLE, WA IDENTIFICATION AND ISOLATION OF AN ANGIOGENESIS- INDUCING FACTOR PRODUCED BY IMMUNOLOGICALLY- STIMULATED T-LYMPHOCYTES FOR THE PERIOD 07-01-89 THRU 06-30-91 MSN L&S ZOOLOGY	(133-P812)	46,080.00
214.	SIGMA XI, THE SCIENTIFIC RESEARCH SOCIETY NEW HAVEN, CT GRANT-IN-AID FOR RESEARCH MSN AG&LSC ENTOMOLOGY	(133-P817)	500.00
215.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SOIL AND WATER RESEARCH MSN AG&LSC AG ENGINEERING	(133-P818)	500.00
216.	ROCKWELL INTERNATIONAL CORPORATION DALLAS, TX GRADUATE FELLOWSHIP PROGRAM MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-P823)	19,676.00
217.	FORD MOTOR COMPANY DEARBORN, MI PRESIDENTIAL YOUNG INVESTIGATION AWARD MSN ENGR ENGR MECHANICS	(133-P834)	10,000.00
218.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT OF RESEARCH SCIENTIST IN INSTITUTE FOR ENZYME RESEARCH MSN GRAD ENZYME INSTITUTE	(133-P835)	12,000.00
219.	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)	1,000.00
220.	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
221.	BEATRICE WAUKESHA, WI SKIM MILK CHEESE MSN AG&LSC DAIRY RESEARCH,C DAIRY RESE	(133-P845)	700.00

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222.	MARION LABORATORIES, INC. KANSAS CITY, MO DOSE RESPONSE EVALUATION OF DILTIAZEM QD SUSTAINED RELEASE VERSUS PLACEBO IN PATIENTS WITH CHRONIC STABLE ANGINA PECTORIS "CLIN" MSN HS-MED MEDICINE CARDIOLOGY (133-P848)	10,140.00
223.	FILENE RESEARCH INSTITUTE, INC. MADISON, WI CENTER FOR COOPERATIVE CONSUMER AND FINANCIAL SERVICES FOR THE PERIOD 07-01-89 THRU 06-30-92 MSN BUS SCH OF BUSINESS (133-P854)	200,300.00
224.	ALUMINUM COMPANY OF AMERICA PITTSBURGH, PA STUDY OF BASIC AND CLINICAL ASPECTS OF EXPERIMENTAL FLUORINE TOXICOSIS MSN AG&LSC BIOCHEMISTRY (133-3220)	6,000.00
225.	UNIVERSITY OF MINNESOTA FOUNDATION MINNEAPOLIS, MN MULTIPLE SCLEROSIS RESEARCH MSN HS-MED (133-4349)	833.00
226.	AMERICAN CYANAMID COMPANY PRINCETON, NJ WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY (133-5014)	10,000.00
227.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC (133-5328)	50,000.00
228.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED (133-5671)	150.00
229.	AMERICAN FILM INSTITUTE LOS ANGELES, CA SUPPORT WISCONSIN CENTER FOR THEATRE RESEARCH MSN L&S COMMUN ARTS (133-7163)	30,000.00
230.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT CANCER RESEARCH IN THE CLINICAL CANCER CENTER MSN HS-MED CANCER CTR (133-9268)	13,000.00
231.	SEKISUI AMERICAN CORPORATION NEW YORK, NY UNRESTRICTED RESEARCH GRANT MSN L&S CHEMISTRY (133-9486)	15,000.00
232.	MULTIPLE DONORS HERD DEVELOPMENT AND DAIRY CATTLE BREEDING RESEARCH MSN AG&LSC DAIRY SCIENCE (133-9531)	300.00

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1.	CONTINENTAL BANK N.A. CHICAGO, IL SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	(TRUST)	12,624.94
2.	EARNINGS ON MISC. INVESTMENTS MESSERSCHMIDT, DR. RAMONA--SCHOLARSHIP FUND IN CLINICAL PSYCHOLOGY MSN L&S PSYCHOLOGY	(TRUST)	388.25
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HERFURTH, THEODORE--EFFICIENCY AWARD FOR SENIOR MEN MSN G E A SECY OF THE FAC	(TRUST)	5,342.13
4.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HERFURTH, THEODORE--EFFICIENCY AWARD FOR SENIOR WOMEN MSN G E A SECY OF THE FAC	(TRUST)	5,342.13
5.	BAZAN, WILLIAM & HAZEL MADISON, WI LESCOIER, DON D.--STUDENT AID MSN L&S ECONOMICS	(TRUST)	50.00
6.	ANONYMOUS DONOR BUNGE, HELEN L.--SCHOLARSHIP MSN HS-NUR	(TRUST)	5,000.00
7.	BRUEMMER, JOHN & BARBARA MADISON, WI MEDICAL SCHOOL--SCHOLARSHIPS MSN HS-MED	(TRUST)	50.00
8.	REGNIER, PAUL & FLORA VIENNA, VA DICKIE, DR. HELEN--LOAN FUND MSN HS-MED	(TRUST)	1,200.00
9.	PROCEEDS FROM MISC. INVESTMENTS MESSERSCHMIDT, DR. RAMONA--SCHOLARSHIP FUND IN CLINICAL PSYCHOLOGY MSN L&S PSYCHOLOGY	(TRUST)	324.63
10.	MULTIPLE DONORS KELSEY, MARGARET MANSFIELD--SCHOLARSHIP FUND MSN EDUC ART	(TRUST)	790.00
11.	EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	INDIAN EDUCATION PROGRAM FOR THE PERIOD 10-01-89 THROUGH 09-30-90 AWARD # G008710584-89 MSN GRAD	(144-BE92)	36,465.00

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2)	INDIAN EDUCATION PROGRAM FOR THE PERIOD 10-01-89 THROUGH 09-30-90 AWARD # S087B90057 MSN GRAD	(144-BF51)	13,070.00
12.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD PREDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD: MARC FOR THE PERIOD 09-01-89 THROUGH 08-31-90 AWARD # 1 F31 GM13556-01 MSN GRAD AGR & LIFE SCI BACT	(144-BF56)	18,783.00
13.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	GRADUATE RESEARCH FELLOWSHIP PROGRAM - STIPENDS FOR THE PERIOD 06-01-89 THROUGH 05-31-94 AWARD # RCD 8954913 MSN GRAD	(144-AY29)	623,700.00
2)	GRADUATE RESEARCH FELLOWSHIP PROGRAM - COST OF EDUCATION FOR THE PERIOD 06-01-89 THROUGH 05-31-94 AWARD # RCD 8954913 MSN GRAD	(144-AY30)	306,000.00
14.	AMERICAN ASSOCIATION OF UNIVERSITY WOMEN EASTON, PA SARAH PALMER & TARBELL SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-A783)	232.46
15.	UNIVERSITY LEAGUE, INC. MADISON, WI SCHOLARSHIPS IN THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES MSN AG&LSC ACAD STU AFF ADM	(133-B489)	980.00
16.	WISCONSIN FARM EQUIPMENT FOUNDATION, INC. MADISON, WI ORRIN BERGE SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-B630)	500.00
17.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHARLES CHESTER PEARCE SCHOLARSHIP MSN L&S COMMUN ARTS	(133-C002)	1,800.00
18.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP FOR COLLEGE OF ENGINEERING MSN ENGR	(133-D091)	900.00

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19.	UNISYS CORPORATION BLUE BELL, PA COLLEGE OF ENGINEERING SCHOLARSHIP FUND MSN ENGR	(133-F731)	2,500.00
20.	WISCONSIN FARM EQUIPMENT FOUNDATION, INC. MADISON, WI ROBERT BJORKLUND SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-G093)	500.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AGRICULTURE ALUMNI SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-G469)	6,150.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NELLIE M. BUTT SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-G485)	3,000.00
23.	BAIRD (ROBERT W) & CO., INC. MILWAUKEE, WI ROBERT W. BAIRD & CO. INVESTMENT RESEARCH SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-G584)	1,000.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JAPAN/ENGINEERING SCHOLARSHIP MSN ENGR ENGR EXPR STA INTL ENGRG	(133-J105)	7,000.00
25.	WISCONSIN POWER AND LIGHT FOUNDATION, INC. MADISON, WI WISCONSIN POWER AND LIGHT FOUNDATION FELLOWSHIP FOR CANCER RESEARCH MSN HS-MED ONCOLOGY	(133-J349)	9,000.00
26.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J388)	900.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI F R C S SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-J511)	6,300.00
28.	FRIENDS OF CAP SERVICES STEVENS POINT, WI WISCAP/CONGRESSMAN DAVID OBEY SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-J725)	1,050.00
29.	LAURENT MAKWARD SCHOLARSHIP MSN G E A INTL STU & PROGS	(133-K718)	
	555.57 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	44.43 MULTIPLE DONORS		
			600.00

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30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MAY REYNOLDS SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-K762)	1,000.00
31.	BURROUGHS WELLCOME COMPANY RESEARCH TRIANGLE PARK, NC BURROUGHS-WELLCOME COMPANY SCHOLARSHIPS MSN HS-PHR PHARMACY	(133-L047)	500.00
32.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP MSN HS-PHR PHARMACY	(133-L824)	1,480.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CLARENCE R. HICKS SCHOLARSHIP-LAW MSN LAW LAW SCHOOL	(133-M020)	550.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MILDRED MURDOCK BECK SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-M050)	450.00
35.	RICHARD E. SCHWERT MEMORIAL AWARD MSN L&S SOCIAL WORK	(133-M256)	
	85.00 MULTIPLE DONORS 500.00 ATTIC CORRECTIONAL SERVICES INC. MADISON, WI		585.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LOUIS & NANCY HOLLAND MINORITY SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-N229)	5,000.00
37.	CENEX FOUNDATION INVER GROVE HIGHTS, MN SCHOLARSHIPS FOR STUDENTS IN THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES 1988-89 MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-N366)	2,250.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CLAUDE J. JASPER MEMORIAL SCHOLARSHIP IN LAW MSN LAW LAW SCHOOL	(133-N414)	1,250.00
39.	GRADUATE OPPORTUNITIES FOR ADVANCED LEVEL STUDIES DEARBORN, MI GOALS FELLOWSHIP MSN L&S IND REL RES INST	(133-N524)	5,300.00

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40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HELEN K. HERMAN MEMORIAL SCHOLARSHIP MSN L&S COMMUN ARTS	(133-P188)	300.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BRUCE F. BEILFUSS MEMORIAL SCHOLARSHIP MSN LAW LAW SCHOOL	(133-P216)	3,000.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DONALD NORMAN ZILLMAN SCHOLARSHIPS MSN LAW LAW SCHOOL	(133-P750)	2,300.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JOHN WALSH SCHOLARSHIP FUND MSN LAW LAW SCHOOL	(133-P751)	1,300.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ROY STANLEY IHLENFELDT MEMORIAL SCHOLARSHIP MSN LAW LAW SCHOOL	(133-P752)	800.00
45.	FLMI SOCIETY OF WISCONSIN MILWAUKEE, WI FLMI SOCIETY OF WISCONSIN MSN BUS SCH OF BUSINESS	(133-P768)	500.00
46.	K-MART CORPORATION TROY, MI K-MART CORPORATION PHARMACY SCHOLARSHIP AWARD MSN HS-PHR PHARMACY	(133-P781)	1,000.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRANCES MINCH SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-P787)	3,000.00
48.	MARTEC PHARMACEUTICAL INCORPORATED KANSAS CITY, MO MARTEC RECOGNITION AWARD MSN HS-PHR PHARMACY	(133-P843)	250.00
49.	PLAYBOY ENTERPRISES, INC. CHICAGO, IL UNDERGRADUATE ATHLETIC SCHOLARSHIPS MSN ATH GENERAL OPERATNS ADMIN	(133-0498)	5,000.00
50.	WEST SIDE GARDEN CLUB MADISON, WI LONGNECKER SCHOLARSHIP IN THE FIELD OF LANDSCAPE ARCHITECTURE MSN AG&LSC ACAD STU AFF ADM	(133-2076)	300.00

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51.	WISCONSIN FERTILIZER AND CHEMICAL ASSOCIATION MADISON, WI UNDERGRADUATE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-3999)	2,100.00
52.	NATIONAL GUARDIAN LIFE MADISON, WI COOPERATING LIFE INSURANCE COMPANIES SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-4436)	1,500.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMOCO FOUNDATION DOCTORAL FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY (133-4569)	1,997.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAW SCHOOL ORVIS SCHOLARSHIP FUND MSN LAW LAW SCHOOL (133-5774)	1,650.00
55.	SUNDSTRAND CORPORATION FOUNDATION ROCKFORD, IL SCHOLARSHIP TO BE AWARDED TO STUDENTS ENROLLED IN MECHANICAL, ELECTRICAL, METALLURGICAL OR INDUSTRIAL ENGINEERING SELECTED BY THE SCHOLARSHIP COMMITTEE OF COLLEGE OF ENGINEERING SUBJECT TO THE APPROVAL OF THE STUDENT FINANCIAL AIDS COMMITTEE MSN ENGR (133-6217)	1,000.00
56.	WISCONSIN LIVESTOCK & MEAT COUNCIL MADISON, WI UNDERGRADUATE SCHOLARSHIPS TO STUDENT PURSUING COURSES OF STUDY RELATED TO MEAT AND ANIMAL SCIENCE MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-6385)	5,250.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHRISTIAN JOHN OTJEN SCHOLARSHIP MSN LAW LAW SCHOOL (133-7354)	4,600.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANTON L. SMONGESKI SCHOLARSHIP MSN LAW LAW SCHOOL (133-7691)	2,000.00
59.	SCHOOL OF NURSING SCHOLARSHIP FUND MSN HS-NUR ADMINISTRATION ADMIN (133-8872)	
	25.00 MULTIPLE DONORS 3,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
		3,025.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GERTRUDE ANTHONY SCHOLARSHIP IN THE DEPARTMENT OF HOME MANAGEMENT AND FAMILY LIVING MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-8878)	5,750.00
61.	AMERICAN INSTITUTE OF REAL ESTATE APPRAISERS CHICAGO, IL AMERICAN INSTITUTE OF REAL ESTATE APPRAISERS GRADUATE SCHOLARSHIP AWARDS MSN BUS SCH OF BUSINESS (133-9913)	6,000.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARION BALDWIN SCHLEICHER MEMORIAL FUND SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-9949)	1,050.00

UNRESTRICTED

1.	TECHNICON INSTRUMENTS CORPORATION MIDDLETOWN, VA DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH (133-D646)	5,848.00
2.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED ACCOUNT FOR BIOMATERIALS RESEARCH MSN ENGR CHEMICAL ENGR (133-N415)	6,000.00
3.	DAHL (MRS. LAWRENCE G.) LOUISVILLE, KT UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-P788)	25,000.00
4.	NOVAGEN, INC. ROGERS, AR INSTITUTE FOR MOLECULAR VIROLOGY DISCRETIONARY FUND MSN GRAD INST MOL VIR INST MOL V (133-P815)	1,200.00
5.	MULTIPLE DONORS DEPARTMENT OF BACTERIOLOGY DISCRETIONARY FUND MSN AG&LSC BACTERIOLOGY (133-P816)	287.50

TOTAL MADISON

17,351,808.09

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EXTENSION AND PUBLIC SERVICE	100,832.00
INSTRUCTION	158,879.25
LIBRARIES	4,184.00
MISCELLANEOUS	1,427,899.96
PHYSICAL PLANT	105,683.00
RESEARCH	14,372,414.84
STUDENT AID	1,143,579.54
UNRESTRICTED	38,335.50

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, D. C.
89-463-NM
DEMONSTRATION PROJECT FOR LEARNING DISABLED:
COOPERATIVE LEARNING AT THE COLLEGE LEVEL
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # GOO 8730103-89
MIL AC AFF GENERAL (144-BF62) 103,335.00
2. HEALTH AND HUMAN SERVICES, DEPT OF
WISCONSIN DIVISION OF VOCATIONAL REHABILITATION
MADISON, WI
90-075-NM
PRIME CONTRACTOR WITH DHHS
AUXILIARY SERVICES FOR SENSORY IMPAIRED STUDENTS
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
MIL AC AFF DISABLD STU SVCS (144-BG56) 120,000.00
3. WISCONSIN ARTS BOARD
MADISON, WI
89-325-NM
PRIME CONTRACTOR WITH NEA
INTERNATIONAL TRAINING PROGRAM EXCHANGE
FOR THE PERIOD 04-01-90 THROUGH 05-31-90
AWARD # FY90-131-3057
MIL F ARTS THEATRE & DANCE THTR&DANCE (144-BF63) 7,000.00
4. WISCONSIN ELECTRICAL POWER CO.
MILWAUKEE, WI
A COMPUTER GRAPHICAL SIMULATION PACKAGE FOR POWER
SYSTEM STUDY
FOR THE PERIOD 07/15/88 THROUGH 12/31/99
MIL ENG&AS ELEC ENGR&COMP S ELEC ENGR& (133-J673) 10,000.00
5. WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION
MADISON, WI
YOUNG SCHOLARS HEALTH SCIENCES ACADEMY
FOR THE PERIOD 07/07/89 THROUGH 07/21/89
MIL A H P GENERAL ADMIN (133-P401) 4,131.00
6. WAISMAN CENTER UW-MADISON
MADISON, WI
89-505-NM
WISCONSIN PERSONNEL DEVELOPMENT PROJECT
ERRONEOUSLY SET UP AS NON-FEDERAL FOR THE
AUGUST 11, 1989 REGENTS MEETING, IT IS NOW
SET UP AS A FEDERAL ACCOUNT, 144BE14
AWARD # P.O. FDIE 4635PO
MIL EDUC EXCEPTIONAL EDUC (133-P578) 11,923.00-
7. HASBRO CHILDREN'S FOUNDATION
(UWM FOUNDATION #830)
NEW YORK, NY
NURSING CENTER - SILVER SPRING SITE
MIL NURS FNDTNS OF NURS'G FNDD NURS' (133-P622) 18,000.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

8. WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION
(P/C W/CCSSO)
MADISON, WI
90-046-NM
PROJECT ON TEACHING IN CULTURALLY DIVERSE
CLASSROOMS
FOR THE PERIOD 06/19/89 THROUGH 08/04/89
AWARD # P.O. PAJ00650
MIL EDUC CURRIC & INSTR (133-P758) 3,600.00
9. HITACHI FOUNDATION
WASHINGTON, D. C.
89-236-LK
INFUSING TECHNOLOGY EDUCATION INTO THE
ELEMENTARY CURRICULUM: A MODEL OF PARTNERSHIP
AND COLLABORATION
FOR THE PERIOD 09/01/89 THROUGH 11/30/90
MIL GRAD M-S ERC (133-P829) 24,938.00

MISCELLANEOUS

1. VETERANS ADMINISTRATION
MILWAUKEE, WI
VETERANS ADMINISTRATION OVERHEAD
FOR THE PERIOD 03-22-89 THROUGH 03-21-90
AWARD # CHECK NO. 2216 135083120
MIL STU AF REGISTRAR'S OFF VETS AFF (144-M701) 52.06
2. UWM ALUMNI ASSOCIATION
MILWAUKEE, WI
SUPPLIES AND EXPENSES FOR THE DEPARTMENT
OF ALUMNI RELATIONS
MIL U REL ALUMNI REL (133-C616) 10,000.00
3. AMERICAN COLLEGE OF SPORTS MEDICINE
INDIANAPOLIS, IN
PRESIDENCY OF AMERICAN COLLEGE OF
SPORTS MEDICINE
AWARD # CHECK NO. 13901
MIL A H P AH MAJOR (133-P772) 2,000.00
4. CORPORATION FOR PUBLIC BROADCASTING
WASHINGTON, DC
90-068-NM
COMMUNITY SERVICE GRANT
FOR THE PERIOD 10/01/89 THROUGH 09/30/91
MIL L&S WUWM ADMIN-GEN (133-P827) 119,210.00
5. CORPORATION FOR PUBLIC BROADCASTING
WASHINGTON, DC
90-069-NM
NATIONAL PROGRAM PRODUCTION AND
ACQUISITION GRANT
FOR THE PERIOD 10/01/89 THROUGH 09/30/91
MIL L&S WUWM ADMIN-GEN (133-P828) 44,179.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
89-335-NM
IN SUPPORT OF THE FOLLOWING:
 - 1) SMALL INSTRUMENTATION PROGRAM
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 1 S15 NS28086-01
MIL L&S PSYCHOLOGY (144-BF65) 8,284.00
 - 2) INDIVIDUAL NATIONAL RESEARCH SERVICES AWARD
FELLOWSHIP-COMPLIANCE: NURSE CLIENT RELATIONSHIP
FOR THE PERIOD 09-15-89 THROUGH 09-14-90
AWARD # 5 F31NRO6232-02
MIL NURS HLTH RESTORATION (144-BF96) 12,500.00
2. DHHS, PHS, NATIONAL INSTITUTE OF MENTAL
HEALTH
ROCKVILLE, MD
89-544-NM
BETA-CARBOLINES: VALIUM AGONISTS AND ANTAGONISTS
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # 5 RO1 MH36644-05
MIL L&S CHEMISTRY (144-BG06) 76,893.00
3. UNIVERSITY OF CONNECTICUT AT AVERY POINT
GROTON, CT
PRIME CONTRACTOR WITH COMM NOAA
THE INFLUENCE OF HYDROTHERMAL ACTIVITY ON THE
BIOLOGY AND CHEMISTRY OF YELLOWSTONE LAKE,
WYOMING
FOR THE PERIOD 05-24-89 THROUGH 05-24-90
AWARD # P.S. 7666
MIL GRAD GT LKS ST, CTR F (144-BA05) 31,979.00
4. WISCONSIN DIVISION OF COMMUNITY SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS
EVALUATION OF MILWAUKEE CSP DEMONSTRATION PROJECTS
FOR THE PERIOD 07-01-89 THROUGH 01-31-90
AWARD # P.O. FDIE 4636
MIL S WELF SOCIAL WELFARE SOC W-GEN (144-BF06) 48,304.00
5. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
89-280-NM
OLDER WOMEN'S LIVED EXPERIENCE OF FUNCTIONAL
INDEPENDENCE
FOR THE PERIOD 08-15-89 THROUGH 08-14-90
AWARD # 1 F31 NRO6404-01
MIL NURS HLTH RESTORATION (144-BG05) 12,500.00
6. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
ROCKVILLE, MD
89-165-NM
PROLACTIN EFFECTS ON BEHAVIOR: SITES AND MODES
OF ACTION
FOR THE PERIOD 09-01-89 THROUGH 08-31-94
AWARD # 2 RO1 MH41447-04
MIL L&S BIOLOGICAL SCI (144-BF66) 94,244.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

7. DOD, AIR FORCE
BOLLING AIR FORCE BASE, DC
MECHANISMS MEDIATING THE PERCEPTIONS OF COMPLEX
ACOUSTIC PATTERNS
FOR THE PERIOD 09-01-88 THROUGH 09-30-90
AWARD # AFOSR-88-0320-A
MIL L&S PSYCHOLOGY (144-AP78) 98,916.00
8. ENERGY, DEPT OF
WASHINGTON, DC
INTERFACIAL AREA AND INTERFACIAL TRANSFER IN TWO-
PHASE FLOW SYSTEMS.
FOR THE PERIOD 08-01-87 THROUGH 07-31-90
AWARD # DE-FG02-87ER13764
MIL ENG&AS MECHANICAL ENGR (144-Z785) 103,200.00
9. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, D. C.
MAPS AND THE COLUMBIAN ENCOUNTER
FOR THE PERIOD 03-01-89 THROUGH 12-31-92
AWARD # GL-20923-89-A
MIL L&S GEOGRAPHY (144-AX01) 11,000.00
10. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) RESEARCH EXPERIENCE FOR UNDERGRADUATES AT THE
CENTER FOR GREAT LAKES STUDIES
FOR THE PERIOD 06-15-88 THROUGH 11-30-90
AWARD # OCE-8804092-01
MIL GRAD GT LKS ST, CTR F (144-AK51) 40,000.00
- 2) THEORETICAL ASTROPHYSICS AND GRAVITATIONAL
PHYSICS/35 HOURS OF SUPERCOMPUTER TIME AWARDED
FOR THE PERIOD 05-01-89 THROUGH 02-28-90
AWARD # PHY-8603173-03
MIL L&S PHYSICS (144-X875)
11. EGYPT
WASHINGTON, DC
90-082-NM
PRIME CONTRACTOR WITH STATE
PEACE FELLOWSHIP FOR AZZA MOHAMED KAMEL
ABOU-ZEID
FOR THE PERIOD 08-23-89 THROUGH 02-22-91
AWARD # PF 3203
MIL ENG&AS CIVIL ENGINEER'G (144-BG03) 14,100.00
12. UWM FOUNDATION (809)
ALUMNI HOUSE
MILWAUKEE, WISCONSIN
R.A. APPOINTMENT
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MIL ENG&AS CIVIL ENGINEER'G (133-H679) 1,565.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

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|-----|--|------------|-----------|
| 13. | AMERICAN CHEMICAL SOCIETY
PETROLEUM RESEARCH FUND
WASHINGTON, DC
MECHANISM OF REVERSE SPILLOVER FROM HYDROGEN
BRONZES
FOR THE PERIOD OF 09/01/89 THROUGH 08/31/90
AWARD # ACS-PRF#20472-AC5
MIL L&S CHEMISTRY | (133-M856) | 15,000.00 |
| 14. | MEDICAL COLLEGE OF WISCONSIN
P/C AMERICAN CYANAMID
MILWAUKEE, WI
ENVIRONMENTAL CHEMICAL STUDIES
FOR THE PERIOD 04/01/89 - 06/30/89
AWARD # P.O. 45672-CD 1
MIL GRAD NIEHS CORE CTR | (133-N150) | 904.00 |
| 15. | PLANNING AND DESIGN INSTITUTE
MILWAUKEE, WI
90-090-NM
WATERFRONT MASTER PLAN
FOR THE PERIOD 05/17/89 THROUGH 12/31/89
MIL ARC&UP ARCH&U P RES CTR | (133-P285) | 5,000.00 |
| 16. | VARIOUS DONORS
RAND MCNALLY FOUNDATION
(YIA UWM FOUNDATION)
CHICAGO, IL
MATCHING FUNDS FOR MAPS AND THE COLUMBIAN
ENCOUNTER
FOR THE PERIOD 03/01/89 THROUGH 12/31/92
AWARD # CHECK NO. 4815
MIL L&S GEOGRAPHY | (133-P581) | 5,000.00 |
| 17. | JOHNSON CONTROLS
MILWAUKEE, WI
LABORATORY FOR SURFACE STUDIES INDUSTRIAL
AFFILIATES PROGRAM
AWARD # P.O. 71278GL
MIL GRAD LAB FOR SURF STU | (133-P623) | 10,000.00 |
| 18. | NATIONAL ACADEMY OF SCIENCES
WASHINGTON, D. C.
89-495-LK
COMMISSIONED PAPER TO REVIEW LITERATURE AND
DOCTORAL DISSERTATIONS ON THE QUALITY OF
HEALTH CARE FOR THE ELDERLY
AWARD # CHECK #081411
MIL NURS ADMIN DEAN | (133-P757) | 3,000.00 |
| 19. | BOEING AEROSPACE & ELECTRONICS
SEATTLE, WA
89-473-NM
DEVELOPMENT OF MODELING AND SIMULATION OF
MULTICHIP MODULE PERFORMANCE AT HIGH
FREQUENCIES
AWARD # LG4608
MIL ENG&AS ELEC ENGR&COMP S ELEC ENGR& | (133-P771) | 14,400.00 |

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

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| 20. | SAUKVILLE AREA HISTORICAL SOCIETY
SAUKVILLE, WI
09-057-NM
SAUKVILLE AREA HISTORICAL PROJECT
FOR THE PERIOD 09/15/89 THROUGH 02/01/90
MIL L&S AM INDIAN STU (133-P814) | 2,684.00 |
| 21. | AMATEUR ATHLETIC FOUNDATION OF LOS ANGELES
LOS ANGELES, CA
90-023-NM
SPORTS MEDIA PORTRAYALS OF GENDER
FOR THE PERIOD 07/03/89 THROUGH 02/28/90
MIL A H P HUMAN KINETICS (133-P825) | 4,522.50 |
| 22. | UWM FOUNDATION
MILWAUKEE, WI
NEURAL NETWORK FEASIBILITY RESEARCH
MIL ENG&AS ELEC ENGR&COMP S CMPUTR SCI (133-P826) | 9,400.00 |
| 23. | NATIONAL GEOGRAPHIC SOCIETY
WASHINGTON, D. C.
89-416-NM
BIOGEOCHEMICAL STUDIES IN LAKE BAIKAL, USSR
FOR THE PERIOD 08/01/89 THROUGH 10/31/90
MIL GRAD GT LKS ST, CTR F (133-P839) | 12,000.00 |
| 24. | UWM FOUNDATION
MILWAUKEE, WI
MAX H. KARL PROFESSORSHIP
MIL BUS AD MGMNT RESRCH CTR MGT RES CT (133-P841) | 24,750.00 |
| 25. | GENEE BRUTWITZKI (P/C NURSES FOUNDATION OF
WISCONSIN)
BAYSIDE, WISCONSIN
90-045-LK
INEFFECTIVE AIRWAY CLEARANCE
FOR THE PERIOD 08/01/89 THROUGH 09/30/89
MIL NURS NURS RES & EVAL (133-P850) | 300.00 |
| 26. | MARQUETTE UNIVERSITY
MILWAUKEE, WI
DYNAMIC CONSTRUCTION LOADS
AWARD # CHECK #676502
MIL ENG&AS CIVIL ENGINEER'G (133-9372) | 450.00 |

STUDENT AID

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|----|---|------------|
| 1. | EDUCATION, DEPT OF
WASHINGTON, D. C.
89-146-NM
PATRICIA ROBERTS HARRIS FELLOWSHIP PROGRAM
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # PO94B90015
MIL GRAD DEAN'S OFFICE (144-BF43) | 112,000.00 |
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GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - MILWAUKEE

STUDENT AID

2. NATIONAL SCIENCE FOUNDATION
WASHINGTON, D.C.
NSF FELLOWSHIP
FOR THE PERIOD 06-01-89 THROUGH 05-31-94
AWARD # RCD-8954940
MIL GRAD DEAN'S OFFICE (144-BC57) 18,300.00

TOTAL MILWAUKEE 1,245,717.56
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INSTRUCTION	279,081.00
MISCELLANEOUS	175,441.06
RESEARCH	660,895.50
STUDENT AID	130,300.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - EAU CLAIRE

EXTENSION AND PUBLIC SERVICE

1. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN WASHINGTON, DC NATIONAL YOUTH SPORTS WINTER PROGRAM FOR THE PERIOD 10-01-89 THROUGH 05-31-90 AWARD # 89043E EAU AUX OP OTHER ORG ACTIV	(144-0014)	33,370.00
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RESEARCH

1. WISCONSIN HUMANITIES COMMITTEE MADISON, WI PRIME CONTRACTOR WITH NEH WOMEN'S WORK: REVISING IMAGES OF RURAL WOMEN AND RESERVATION WOMEN FOR THE PERIOD 08-01-89 THROUGH 04-30-90 EAU ART&SC ENGLISH	(144-0005)	1,500.00
2. WI DEPT OF NATURAL RESOURCES MADISON, WI BUFFALO-TREMPEALEAU RIVER BASIN FOR THE PERIOD 03/29/89 THRU 07/30/89 EAU ART&SC GEOGRAPHY	(133-0001)	800.00
3. SHORT-ELLIOT-HENDRICKSON, INC EAU CLAIRE, WI ARCHAEOLOGICAL SURVEY OF THE NORTH FORK OF THE BUFFALO RIVER FOR THE PERIOD 08/18/89 THRU 10/31/89 EAU ART&SC SOCIAL & ANTHROP	(133-0012)	475.00
4. WI DEPT OF TRANSPORTATION MADISON, WI ARCHAEOLOGICAL SURVEY OF ROBERTS ROAD FOR THE PERIOD 07/28/89 THRU 09/30/89 EAU ART&SC SOCIAL & ANTHROP	(133-0013)	356.00

TOTAL EAU CLAIRE		36,501.00
		=====

EXTENSION AND PUBLIC SERVICE	33,370.00
RESEARCH	3,131.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - GREEN BAY

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
SPECIAL SERVICES FOR DISADVANTAGED STUDENTS
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # GO08740187-89
GBY UG STU ACAD SUPP (144-BF46) 161,349.00

MISCELLANEOUS

1. WISCONSIN ARTS BOARD
MADISON, WI
1989-90 PERFORMING ARTS SERIES FOR THE PERIOD
09-23-89 THRU 04-20-90
GBY AC PRG ARTS & PRFORMNCS (133-P824) 6,500.00

RESEARCH

1. J. V. MANUFACTURING COMPANY
DE PERE, WI
SPECIFICATIONS FOR ABSORBENT MATERIALS
GBY ENV SC NAT APP SC (133-H518) 2,000.00

2. ABBOTT LABORATORIES
NORTH CHICAGO, IL
ANAEROBIC SYSTEMS
GBY AC PRG ADMINISTRATION (133-N032) 1,730.00

3. GREEN BAY AREA CHAMBER OF COMMERCE
GREEN BAY, WI
ADVANCE BIOTECHNOLOGY TECHNOLOGY TRANSFER SUPPORT
GBY PRF ST BUSINESS ADMIN (133-P737) 16,500.00

UNRESTRICTED

1. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
CENTER FOR PERFORMING ARTS DIRECTOR ACCOUNT
GBY COM PR GENERAL (133-N642) 3,084.00

TOTAL GREEN BAY 191,163.00
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INSTRUCTION	161,349.00
MISCELLANEOUS	6,500.00
RESEARCH	20,230.00
UNRESTRICTED	3,084.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - OSHKOSH

EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH LABOR
1989-90 SUPPORT TO PROVIDE DISADVANTAGED YOUTHS
A BROAD AND FLEXIBLE RANGE OF EDUCATIONAL/
EMPLOYMENT TRAINING OPTIONS
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
OSH EDUC INSTRUCTION (144-4407) 155,795.00

INSTRUCTION

1. MULTIPLE DONORS
WISCONSIN
PROVIDE LEADERSHIP TRAINING WORKSHOP TO
VARIOUS SCHOOL DISTRICTS
OSH EDUC INSTRUCTION (133-3398) 27,783.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
FISCAL YEAR 1988-89: PELL GRANT ADMINISTRATIVE
ALLOWANCE
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # P063P87123, MOD. 5
OSH STU A ED OPPOR GRANTS (144-4412) 10,675.00

2. UW-FOUNDATION
OSHKOSH, WI
"DESIGN FOR DIVERSITY GRANT"
(RECIPIENTS AGREE TO ENROLL AS FULL-TIME GRADUATE
STUDENTS)
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
OSH STU A MISC FEL & SCHOL (133-3399) 14,000.00

TOTAL OSHKOSH 208,253.00
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EXTENSION AND PUBLIC SERVICE 155,795.00
INSTRUCTION 27,783.00
STUDENT AID 24,675.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - PARKSIDE

GIFT-IN-KIND

1. MOTOROLA
AUSTIN, TX
8-BIT SINGLE-CHIP MICROCONTROLLER EVALUATION
BOARD
PKS SCI&TE ENGR SCI
2. CAROL HANNES (BAXTER HEALTHCARE)
KENOSHA, WI
\$400.00 WORTH OF MEDICAL LABORATORY SUPPLIES FROM
BAXTER HEALTHCARE
PKS SCI&TE BIO SCI

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
SPECIAL SERVICES FOR DISADVANTAGED
STUDENTS PROGRAM
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # GO08740429-89
PKS G E A CHANCELLORS OFF AC STAF P (144-BF88) 97,574.00
2. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
SUMMER SEMINAR FOR SCHOOL TEACHERS: THE HENRIAD
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # FV-21076-89
PKS LIB AR ENG & HUM (144-BG45) 63,167.00

RESEARCH

1. WISCONSIN NATURAL GAS COMPANY
RACINE, WI
SURVEY SERVICES RELATED TO NEEDS ASSESSMENT
OF COMMERCIAL/INDUSTRIAL CUSTOMERS
AWARD # G 46073, G 52206
PKS AC SUP SURV&MKT R (133-M351) 2,150.00
2. SURGITEK
RACINE, WI
TELEPHONE SURVEY ON REABSORBABLE STENT
PKS AC SUP SURV&MKT R (133-P756) 8,823.00
3. WISC DEPT OF HEALTH AND SOCIAL SERVICES
MADISON, WI
THE TEEN PARENT SELF-SUFFICIENCY PROGRAM FOR THE
PERIOD 02-01-89 THRU 06-30-90
AWARD # FDI E4539 PO
PKS SL&C S STU GRP SUPPORT CHILD CARE (133-P759) 1,825.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - PARKSIDE

STUDENT AID

1.	UNIVERSITY OF WISCONSIN-PARKSIDE BENEVOLENT FOUNDATION KENOSHA, WI ALUMNI ANNUAL FUND PKS BUS SV FELLOWS & SCHOLS	(133-G893)	510.08
2.	MULTIPLE DONORS ATHLETIC SCHOLARSHIPS OR OTHER SCHOLARSHIPS AND TO DEFRAY COST OF TUITION, BOOKS, AND SUPPLIES AT THE DISCRETION OF THE ATHLETIC DIRECTOR PKS ATH& I ATHLETICS	PROG DIR (133-7806)	100.00
3.	PARKSIDE SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS	(133-9472)	
	500.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	15,475.00 UW PARKSIDE BENEVOLENT FOUNDATION KENOSHA, WI		
	1,000.00 UW PARKSIDE ALUMNI ASSOCIATION KENSQHA, WI		
			16,975.00
	TOTAL PARKSIDE		191,124.08 =====
	INSTRUCTION	160,741.00	
	RESEARCH	12,798.00	
	STUDENT AID	17,585.08	

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - PLATTEVILLE

RESEARCH

1. MONSANTO AGRICULTURAL COMPANY
MADISON, WI
SUPPORT FOR A CONTROL STUDY EVALUATING BST IN
LACTATING DAIRY COWS IN A COMMERCIAL DAIRY HERD
FOR THE PERIOD 10-16-89 THROUGH 10-15-90
PLT AGRIC AGR SCIENCES (133-0426) 6,680.00

TOTAL PLATTEVILLE 6,680.00
=====

RESEARCH 6,680.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

1. EDUCATION, DEPT OF
WASHINGTON, DC
FIELD BASED TRAINING OF REHABILITATION
PROFESSIONALS IN REGION V IN REHABILITATION
ENGINEERING TECHNOLOGY
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # H129V70300-89
STO ED&H S ST VOC REHAB IN CTR REH TE (144-0633) 135,039.00
2. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
BUILDING GENDER FAIRNESS PROJECT
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # 30-103-150-150
STO I&TECH CTR FOR VTAE CTR VTAE (144-0522) 50,000.00

GIFT-IN-KIND

1. SPEED QUEEN COMPANY
RIPON, WI
SPEED QUEEN AUTOMATIC CLOTHES WASHER AND
CLOTHES DRYER
STO H ECON HABITATNL RESRCS
2. DUPONT
NILES, IL
DUPONT LASER SCANNER FILM, 16 X 20, FOR
ELECTRONIC DOT GENERATION SCANNER
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C
3. STOUT UNIVERSITY FOUNDATION, INC.
MENOMONIE, WI
MICROFILM READER/PRINTER
STO G E A STU AFF & COUNSL PLACEMENT

INSTRUCTION

1. EDUCATION, DEPT OF
CHICAGO, IL
IN SUPPORT OF THE FOLLOWING:
 - 1) VOCATIONAL EVALUATION AND WORK ADJUSTMENT LONG
TERM TRAINING PROJECT
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # H129F90003-89
STO ED&H S REHABILITATION (144-0555) 123,539.00
 - 2) LONG TERM TEACHING GRANT AND TRAINEESHIPS IN
REHABILITATION FACILITY ADMINISTRATION
FOR THE PERIOD 10-01-89 THROUGH 09-30-90
AWARD # G058700217-89
STO ED&H S REHABILITATION (144-0556) 56,562.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - STOUT

INSTRUCTION

- 3) REHABILITATION TECHNOLOGY SPECIALIST TRAINING
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # H129L90008-89
STO ED&H S ST VOC REHAB IN CTR REH TE (144-0635) 80,297.00
2. EDUCATION, DEPT OF
WASHINGTON, DC
SCHOOL PSYCHOLOGY AND VOCATIONAL EVALUATION
PROJECT
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # GO08715557-89
STO ED&H S COUNSL & PSY SV (144-0646) 50,346.00
3. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
FUNDS FOR DEVELOPMENT OF ESL COMPUTER
RESOURCE CENTER
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
STO LIB ST ENGLISH (133-0388) 3,000.00
4. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
FUNDS FOR THE PURCHASE OF A MACINTOSH COMPUTER
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C (133-0616) 3,350.00

MISCELLANEOUS

1. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
FUNDS FOR PROFESSIONAL DEVELOPMENT
FOR THE PERIOD 05-01-89 THROUGH 04-30-90
STO H ECON SCH-HOME EC ADM (133-0325) 1,500.00
2. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
FUNDS FOR BARNETTE PROFESSORSHIP FOR
PROFESSIONAL DEVELOPMENT
FOR THE PERIOD 05-01-89 THROUGH 04-30-90
STO H ECON HUMAN DEVELOPMNT HUMAN DEV (133-0344) 1,000.00
3. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
FUNDS FOR BARNETTE PROFESSORSHIP FOR
PROFESSIONAL DEVELOPMENT
FOR THE PERIOD 05-01-89 THROUGH 04-30-90
STO H ECON HABITATNL RESRCS (133-0480) 1,000.00
4. STOUT UNIVERSITY FOUNDATION, INC.
MENOMONIE, WI
FUNDS FOR PROFESSIONAL DEVELOPMENT
FOR THE PERIOD 05-01-89 THROUGH 04-30-90
STO H ECON APPAREL, TEX&DES (133-0484) 1,000.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - STOUT

RESEARCH

1. EDUCATION, DEPT OF
WASHINGTON, DC
COMMUNITY TRANSITION CENTER MODEL
FOR THE PERIOD 12-01-89 THROUGH 11-30-90
AWARD # G008730171-89
STO ED&H S ST VOC REHAB IN RES&TRNG C (144-0609) 103,589.00

STUDENT AID

1. WISCONSIN RURAL REHABILITATION CORPORATION
MADISON, WI
ELEVEN 1989-90 HOME ECONOMICS SCHOLARSHIPS
FOR STUDENTS FROM WISCONSIN FARM FAMILIES
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
STO H ECON SCH-HOME EC ADM (133-0298) 8,118.00

2. WISCONSIN RURAL REHABILITATION CORPORATION
MADISON, WI
ELEVEN 1988-89 SECOND SEMESTER HOME ECONOMICS
SCHOLARSHIPS FOR STUDENTS FROM WISCONSIN FARM
FAMILIES
FOR THE PERIOD 01-01-89 THROUGH 06-30-89
STO H ECON SCH-HOME EC ADM (133-0707) 3,118.50

TOTAL STOUT

621,458.50
=====

EXTENSION AND PUBLIC SERVICE	185,039.00
INSTRUCTION	317,094.00
MISCELLANEOUS	4,500.00
RESEARCH	103,589.00
STUDENT AID	11,236.50

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - SUPERIOR

RESEARCH

1. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
DEVELOPMENT OF PROTOCOLS TO QUANTIFY A FUNGAL
(LANGENIDIUM GIGANTEUM) PEST CONTROL AGENT AND TO
MEASURE ITS TOXICITY TO FRESHWATER ORGANISMS
FOR THE PERIOD 05-01-88 THROUGH 04-30-90
AWARD # CR-814958-01-3, MOD. 3
SUP U RES CTR-L SUP ENV ST ENV DV EXT (144-0428) 64,300.00

2. BATTELLE MEMORIAL INSTITUTE
COLUMBUS, OHIO
PRIME CONTRACTOR WITH EPA
PREPARATION OF FRESHWATER CRITERIA DOCUMENTS
FOR THE PERIOD 01-01-89 THROUGH 01-31-90
AWARD # T-9662, MOD. 1
SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0427) 85,000.00

TOTAL SUPERIOR 149,300.00

=====

RESEARCH 149,300.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - WHITEWATER

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
PROJECT "HAPPEN": HELPING ACHIEVE POSTSECONDARY
PLACEMENT THROUGH ECOLOGICAL NETWORKING
FOR THE PERIOD 09-01-89 THROUGH 08-31-90
AWARD # GO08730098-89
WTW EDUC SPECIAL EDUC SPEC EDUC (144-1288) 79,034.00

RESEARCH

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
SUPPORT OF 1990 SUPPLY AND DEMAND STUDY
FOR REGULAR EDUCATION
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # PAJ00437
WTW EDUC SPECIAL EDUC SPEC EDUC (144-1285) 16,000.00

2. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
COMPREHENSIVE ASSESSMENT OF SERVICE NEEDS FOR
HANDICAPPED EDUCATION IN WISCONSIN
FOR THE PERIOD 07-01-89 THROUGH 06-30-90
AWARD # PAJ00640
WTW EDUC SPECIAL EDUC SPEC EDUC (144-1287) 24,000.00

TOTAL WHITEWATER 119,034.00
=====

INSTRUCTION 79,034.00
RESEARCH 40,000.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. JANET BROWN WAUKESHA, WI
KATE THATER WAUKESHA, WI
SARA TOENES WAUKESHA, WI
BOOKS DONATED TO THE UWC - WAUKESHA LIBRARY
TEXAS RICH/FERN MICHAELS/BALLANTINE, 1985
CNS WAUK LIBRARY LIB ACQUIS
2. MS. CATHY LIVINGSTON WAUKESHA, WI
BOOKS AND PERIODICAL DONATED TO THE UWC-WAUKESHA
LIBRARY.
CNS WAUK LIBRARY LIB ACQUIS
3. MRS. PHYLLIS SEIBERT WAUKESHA, WI
BOOKS DONATED TO THE UWC-WAUKESHA LIBRARY
CNS WAUK LIBRARY LIB ACQUIS
4. PROFESSOR MARY ELLEN YOUNG
WAUKESHA, WI
BOOKS DONATED TO THE UWC-WAUKESHA LIBRARY
CNS WAUK LIBRARY LIB ACQUIS
5. DR. FREDERICK MOSS WAUKESHA, WI
BOOKS DONATED TO THE UWC-WAUKESHA LIBRARY
CNS WAUK LIBRARY LIB ACQUIS
6. MR. DONALD BRACCO - WAUKESHA, WI
MRS. SANDI ZILLMER - WAUKESHA, WI
DONATION OF 10 BOOKS AND 2 PERIODICALS
CNS WAUK LIBRARY LIB ACQUIS

INSTRUCTION

1. GEORGETOWN UNIVERSITY
WASHINGTON, DC
PRIME CONTRACTOR WITH AID
CYCLE F CASP PROGRAM
FOR THE PERIOD 08-01-89 THROUGH 07-31-90
AWARD # RX2050-810I
CNS MARIN LRN SKILLS (144-BF03) 192,000.00

MISCELLANEOUS

1. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
SONGS OF LOST STRINGS FOUND
FOR THE PERIOD 08-11-89 THROUGH 06-30-90
AWARD # FY89-41H
CNS BARRON HISTORY (144-BG37) 11,435.00
2. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
UPGRADE COMPUTER FACILITIES FOR THE SCIENCE
CURRICULUM AT UNIVERSITY OF WISCONSIN-RICHLAND
FOR THE PERIOD 09-01-89 THROUGH 02-29-92
AWARD # USE-8951221
CNS RICH COMPUTER SCIENCE (144-BG46) 7,345.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

MISCELLANEOUS

3.	UWC-MARSHFIELD/WOOD COUNTY-LECTURE FINE ARTS CNS MARSH STUDENT AFFAIRS LECT & F A (133-LO40)		
	975.00	MULTIPLE DONORS	
	1,750.00	FIGI'S INC. MARSHFIELD, WI	
	500.00	ASSOCIATED CITIZENS BANK MARSHFIELD, WI	
			3,225.00
4.	LAIRD FINE ARTS FUND CNS MARSH COMMUNICATN ARTS (133-L337)		
	2,000.00	MARIETTA (MARTIN) CORPORATION FOUNDATION BETHESDA, MD	
	1,000.00	PHILLIPS PETROLEUM FOUNDATION, INC. BARTLESVILLE, OK	
			3,000.00
5.	MULTIPLE DONORS DRAMA DONOR FUND CNS MARSH STUDENT AFFAIRS DRAMA PROD (133-L410)		295.00
6.	MULTIPLE DONORS THEATRE SUPPLIES CNS SHEBOY STUDENT AFFAIRS DRAMA PROD (133-M680)		1,975.00
7.	MULTIPLE DONORS THEATRE PROGRAM CNS MARIN STUDENT AFFAIRS DRAMA PROD (133-N092)		120.00
8.	UNIVERSITY OF WISCONSIN -MARATHON CENTER WAUSAU, WI DESIGN & PRINT A SCHOLARSHIP BROCHURE FOR USE BY HIGH SCHOOL RELATIONS PERSONNEL CNS MARATH ADMINISTRATION (133-N834)		1,304.00
9.	MULTIPLE DONORS WOOD COUNTY SYMPHONY CNS MARSH STUDENT AFFAIRS WOOD SYMPH (133-P173)		100.00
RESEARCH			
1.	HISTORY TEACHING ALLIANCE GAINESVILLE, FL THE WORKER RESPONSE TO THE INDUSTRIAL REVOLUTION: A COMPARATIVE PERSPECTIVE FOR THE PERIOD 05-16-89 THRU 08-31-89 CNS MARATH HISTORY (133-P390)		3,000.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

STUDENT AID

1.	UW-SHEBOYGAN COUNTY FOUNDATION, INC. SHEBOYGAN, WI SCHOLARSHIPS FOR UWC-SHEBOYGAN COUNTY STUDENTS CNS SHEBOY STUDENT AFFAIRS FELL & SCH (133-N240)	5,362.76
2.	UNIVERSITY OF WISCONSIN MARINETTE FOUNDATION MARINETTE, WI TALENTSHIPS FOR UWC-MARINETTE STUDENTS CNS MARIN STUDENT AFFAIRS FELL & SCH (133-N280)	6,500.00
3.	FRIENDS OF THE CAMPUS BARABOO, WI CAMPUS STUDENT SCHOLARSHIPS CNS B-SAUK STUDENT AFFAIRS FELL & SCH (133-P347)	3,392.80
4.	WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI UNIVERSITY CAMP - A PRE-COLLEGE PROGRAM FOR HISPANIC YOUTH FOR THE PERIOD 06-01-89 THRU 06-30-89 (REDUCED TO REFLECT ACTUAL ENROLLMENT) CNS WAUK M.-D. PRGS (133-P428)	39.00-
5.	MULTIPLE DONORS SCHOLARSHIP FUND UWC-MARSHFIELD/WOOD COUNTY CNS MARSH STUDENT AFFAIRS FELL & SCH (133-P449)	1,192.05
6.	UNIVERSITY OF WISCONSIN-MARATHON COUNTY FOUNDATION WAUSAU, WI SCHOLARSHIPS CNS MARATH STUDENT AFFAIRS FELL & SCH (133-P661)	44,800.00
7.	SCHOLARSHIPS CNS RICH STUDENT AFFAIRS FELL & SCH (133-P662)	
	500.00 WAL-MART FOUNDATION BENTONVILLE, AR	
	1,700.00 RICHLAND COUNTY CAMPUS FOUNDATION RICHLAND CENTER, WI	
		2,200.00
8.	BARRON COUNTY CAMPUS FOUNDATION, INC. RICE LAKE, WI FOUNDATION SCHOLARSHIPS CNS BARRON STUDENT AFFAIRS FELL & SCH (133-P731)	4,100.00
9.	UNIVERSITY OF WISCONSIN CENTER - ROCK COUNTY ASSOCIATION JANESVILLE, WI UNIVERSITY OF WISCONSIN-CENTER ROCK COUNTY SCHOLARSHIP FUND CNS ROCK STUDENT AFFAIRS FELL & SCH (133-P832)	5,700.00
	TOTAL CENTER SYSTEM	297,007.61 =====
	INSTRUCTION	192,000.00
	MISCELLANEOUS	28,799.00
	RESEARCH	3,000.00
	STUDENT AID	73,208.61

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

- | | | | |
|----|--|------------|------------|
| 1. | UNIVERSITY OF CINCINNATI
CINCINNATI, OH
PRIME CONTRACTOR WITH DHHS PHS NIH
HAZARDOUS WASTE TRAINING PROGRAM
FOR THE PERIOD 09-16-88 THROUGH 09-15-89
AT A TOTAL COST OF \$156,878.00
AWARD # P.O. #B24602, MOD. 1
EXT G EXT SCH FOR WORKERS | (144-AS24) | 17,001.00 |
| 2. | ST CROIX COUNTY
HUDSON, WI
COUNTY SUPPORT FOR EXTENSION AGENTS-
ST CROIX COUNTY FOR THE PERIOD
01-01-88 THRU 06-30-89
EXT COOP E CO&AREA OFC-WEST | (133-M468) | 28,127.00 |
| 3. | FOND DU LAC COUNTY
FOND DU LAC, WI
COUNTY SUPPORT FOR HOME ECONOMIST AGENT, FOND DU
LAC COUNTY FOR THE PERIOD 07-01-89 THRU 06-30-90
EXT COOP E CO&AREA OFC-N E | (133-P296) | 9,699.00 |
| 4. | ST. CROIX COUNTY
HUDSON, WI
COUNTY SUPPORT FOR EXTENSION AGENTS - ST. CROIX
COUNTY FOR THE PERIOD 07-01-89 THRU 06-30-90
EXT COOP E CO&AREA OFC-WEST | (133-P320) | 60,141.00 |
| 5. | FRIENDS OF WHA-TV, INC.
MADISON, WI
FY90 BLOCK GRANT FOR ACQUISITIONS, LOCAL
PRODUCTIONS, AND OTHER ACTIVITIES FOR
THE PERIOD 07-01-89 THRU 06-30-90
EXT TELCOM WHA TELEVISION WHA TV PRG | (133-P548) | 200,000.00 |
| 6. | SAWYER COUNTY EXTENSION OFFICE
HAYWARD, WI
SERVICES OF A FULLTIME RESOURCE/AG AGENT AND A
HOME ECONOMIST/4-H YOUTH AGENT FOR THE PERIOD
10-01-89 THRU 06-30-90
EXT COOP E C&AREA OFC-NORTH | (133-P838) | 16,488.00 |

MISCELLANEOUS

- | | | | |
|----|---|-----------|--------|
| 1. | CHIPPEWA VALLEY MUSEUM
EAU CLAIRE, WI
WISCONSIN HUMANITIES COMMITTEE (EXT)
EXT GEA SV W HUMANITIES COM | (TRUST) | 500.00 |
|----|---|-----------|--------|

TOTAL EXTENSION	331,956.00
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EXTENSION AND PUBLIC SERVICE	331,456.00
MISCELLANEOUS	500.00

GIFTS, GRANTS AND CONTRACTS
OCTOBER 6, 1989

UNIVERSITY OF WISCONSIN - CENTRAL ADMINISTRATION

UNRESTRICTED

1. COMMONWEALTH OF MASSACHUSETTS		
PRESIDENT'S SPECIAL FUND (SA)		
SA PRES OFF OF THE PRES PRES	(TRUST)	595.00
TOTAL CENTRAL ADMINISTRATION		595.00
		=====

UNRESTRICTED 595.00

OCTOBER 6, 1989
GIFTS, GRANTS AND CONTRACTS SUMMARY
ITEMS PROCESSED 08-19-89 THROUGH 09-15-89

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	595	595
CENTER SYSTEM	-0-	192,000	-0-	28,799	-0-	3,000	73,209	-0-	297,008
EAU CLAIRE	33,370	-0-	-0-	-0-	-0-	3,131	-0-	-0-	36,501
EXTENSION	331,456	-0-	-0-	500	-0-	-0-	-0-	-0-	331,956
GREEN BAY	-0-	161,349	-0-	6,500	-0-	20,230	-0-	3,084	191,163
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON	100,832	158,879	4,184	1,427,900	105,683	14,372,415	1,143,580	38,336	17,351,808
MILWAUKEE	-0-	279,081	-0-	175,441	-0-	660,896	130,300	-0-	1,245,718
OSHKOSH	155,795	27,783	-0-	-0-	-0-	-0-	24,675	-0-	208,253
PARKSIDE	-0-	160,741	-0-	-0-	-0-	12,798	17,585	-0-	191,124
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	6,680	-0-	-0-	6,680
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STOUT	185,039	317,094	-0-	4,500	-0-	103,589	11,237	-0-	621,459
SUPERIOR	-0-	-0-	-0-	-0-	-0-	149,300	-0-	-0-	149,300
WHITEWATER	-0-	79,034	-0-	-0-	-0-	40,000	-0-	-0-	119,034
TOTAL OCT 1989	806,492	1,375,961	4,184	1,643,640	105,683	15,372,038	1,400,585	42,015	20,750,598
PREVIOUSLY REPORTED	3,482,284	5,518,518	426,337	4,407,318	191,806	64,502,299	57,506,413	73,710	136,108,685
GRAND TOTAL	4,288,776	6,894,480	430,521	6,050,958	297,489	79,874,337	58,906,998	115,724	156,859,283
TOTAL OCT 1988	1,035,948	1,614,056	117,750	911,505	-0-	16,059,748	1,633,171	15,275	21,387,454
PREVIOUSLY REPORTED	1,604,451	4,496,631	315,715	2,931,319	4,550	59,701,147	53,143,987	41,414	122,239,213
GRAND TOTAL	2,640,399	6,110,687	433,465	3,842,824	4,550	75,760,895	54,777,158	56,689	143,626,667
FEDERAL TOTAL OCT 1989	391,205	1,276,275	-0-	519,593	105,683	11,303,998	1,138,993	-0-	14,735,747
PREVIOUSLY REPORTED	1,188,402	5,015,497	-0-	1,072,105	174,056	36,114,350	56,259,834	-0-	99,824,244
FEDERAL GRAND TOTAL	1,579,607	6,291,772	-0-	1,591,698	279,739	47,418,348	57,398,827	-0-	114,559,991
FEDERAL TOTAL OCT 1988	304,498	1,566,063	-0-	324,927	-0-	12,638,171	1,133,046	-0-	15,966,705
PREVIOUSLY REPORTED	530,423	3,910,415	-0-	646,421	-0-	37,310,606	52,296,677	-0-	94,694,542
FEDERAL GRAND TOTAL	834,921	5,476,478	-0-	971,348	-0-	49,948,777	53,429,723	-0-	110,661,247

**UNIVERSITY OF WISCONSIN SYSTEM
PLAN FOR THE DISTRIBUTION OF ACADEMIC STAFF CATCH-UP
1989-91**

This document is presented to the Board of Regents for the purpose of securing Joint Committee on Employment Relations approval of a plan to distribute special academic staff salary adjustments authorized by the 1989-91 biennial budget. With the agreement of the Department of Employment Relations, and the approval of the Joint Committee, the distribution plan will be used by the institutions to identify eligible academic staff, set forth the timetable for distribution of such salary adjustments, establish the guidelines for determination of individual salary awards and specify the criteria to be used by the UW System Administration to evaluate institution distribution plans. A copy of the statutory language relating to salary catch-up for faculty and academic staff is included as Attachment 1.

Section 3055 (2) of 1989 Wisconsin Act 31 provides that:

"the Board of Regents shall grant to academic staff members increases in base salary for the 1988-89 fiscal period equivalent to a total of \$2,427,100 in fiscal year 1989-90 and a total of \$8,495,100 in fiscal year 1990-91."

This nonstatutory provision also directs the Department of Administration to withhold release of the catch-up funding for the special supplemental salary increases:

"until the Board of Regents and the Secretary of Employment Relations jointly submit a proposed distribution plan for the salary increases to the Joint Committee on Employment Relations and the plan is approved."

The distribution plan for special supplemental salary increases is to be jointly submitted to the Joint Committee on Employment Relations for review and adoption, adoption with modifications or disapproval, no later than November 1, 1989. The distribution plan must include the following:

- 1. An examination of the extent to which markets outside the University of Wisconsin System exist for services performed by academic staff.**
- 2. An explanation of the specific needs the salary increases are expected to address.**
- 3. An explanation of the means by which the plan specifically addresses those needs.**
- 4. An explanation of how the salary increases will be utilized to help recruitment and retention of academic staff.**

EXHIBIT A

The President of the University of Wisconsin System recommends that the Board of Regents adopt the following special supplemental academic staff salary adjustments distribution plan. Upon Board of Regents approval, the plan will be submitted to the Secretary, Department of Employment Relations for joint submission to the Joint Committee on Employment Relations. Upon approval by the Joint Committee, the Department of Administration will release the catch-up funding for academic staff.

ELIGIBILITY

Eligible academic staff may include academic staff employed one-half time or more except for certain Academic Administrators, staff in positions covered by the Executive Salary Group structure under s. 20.923(4) and (4m), Wis. Stats., and Employees In Training. See Attachment 2 for a list of titles of staff not eligible for catch-up adjustments.

AMOUNT OF INCREASE

Individual academic staff members may be granted salary increases in any amount and no individual academic staff member is required to be granted an increase. However, no academic staff member may be granted an increase above the maximum allowable salary of the salary grade to which the position is assigned. The Category A academic staff salary minima and maxima for 1989-90 is shown in Attachment 3.

DISTRIBUTION OF INCREASES

Salary increases for academic staff will be distributed in the following proportions at the following times:

1. Fifty percent of the total increase commencing on January 1, 1990 for annual basis appointments and the beginning of Semester 2 of the 1989-90 academic year for academic year appointments.
2. Twenty-five percent of the total increase commencing on July 1, 1990 or the start of the 1990-91 academic year for academic year appointments.
3. Twenty-five percent of the total increase commencing on January 1, 1991 or the beginning of Semester 2 of the 1990-91 academic year for academic year appointments.

This distribution timetable may be waived to meet individual circumstances such as an immediate and final response to a documented competitive offer at the time of the first installment.

GUIDELINES FOR THE DISTRIBUTION OF ACADEMIC STAFF CATCH-UP

1. Markets outside of the University of Wisconsin System

The University of Wisconsin System engaged the services of the independent consulting firm of Towers, Perrin, Forster and Crosby (TPF&C) to review the competitive level of academic staff salaries in 1987-88. The TPF&C assessment replicated the method used in 1985-86 which served to establish a competitive salary structure for academic staff. TPF&C relied on published salary survey sources to obtain salary data from higher education, public and private occupations comparable to academic staff. Administrative and professional academic staff market matches covered such diverse occupations as medicine, law, finance/budget, computing, physical plant, media, student personnel, athletics, alumni relations, social work, financial aid, admissions, student housing, psychology, art, engineering, etc. The independent consultant indicates that "these surveys represent the best available surveys of the higher education job market."

TPF&C used the market data to establish a competitive salary line for academic staff. The UW System Administration has updated that market-based salary line for 1989-90 to reflect recent state pay plan increases. As a result, individual salary adjustments for academic staff will be determined at appropriate salary levels within salary grades that reflect the competitive level of markets outside the UW System.

Institutions may also use information on competitive salaries published by the College and University Personnel Association and other professional organizations that document external markets for services performed by academic staff.

Demands for the talents of academic staff also come from local markets including both public (e.g. VTAE and public schools) and private employers. When appropriate, institutions will examine local job markets for jobs which require the skills and expertise of our academic staff, using salaries in these markets as relevant competitive benchmarks. Using these criteria, institutions can respond to local markets outside the UW System which attract academic staff who leave the UW System.

2. Specific needs the salary increases will address

The UW System academic staff salary structure is designed to enable the institutions to meet competitive external market salary levels and to maintain equitable internal salary relationships. Thus, each individual catch-up adjustment must be examined and justified against documented market conditions. For instructional and research (Category B) academic staff, the UW System salary structure sets minimum salary levels in established relation to ranked faculty markets by discipline and area of expertise, based on their individual academic credentials and similarity of responsibilities to

those of faculty. Attachment 4 lists instructional and research titles and their established salary relationships to faculty rank. Attachment 5 provides the faculty salary minima by rank.

Administrative and professional (Category A) academic staff will be eligible for catch-up based on documented competitive market salaries and within the salary grades to which they have been assigned in the UW System academic staff salary structure.

Individual catch-up increases may not substitute for the 1989-91 pay plan. Increases may not be awarded to individuals with less than satisfactory performance. No across-the-board awards may be made; each individual will be assessed against competitive market salaries as specified in #1 above. To ensure that specific internal and external salary needs are met, increases will be monitored to prevent distributions in any across-the-board form.

Academic staff hired in 1988-89 will not ordinarily be eligible for catch-up adjustments in 1989-91 except in individual circumstances of documented competition. Institutions are advised that length of service may not be a criterion for awarding catch-up adjustments.

3. Means to address internal and external salary needs

The UW System academic staff salary structure is the means by which catch-up needs will be addressed. This structure, approved by JCOER in 1986, permits salary levels to be set in recognition of individual marketability. The UW System has defined salary minima for instructional and research academic staff based on established faculty salary relationships. The salary grade structure for administrative and professional academic staff is designed to permit career progression to higher salary grades and to accommodate salary progression within salary grades. The UW System Administration has set 1989-90 salary grade minima and maxima within which the institutions will determine individual catch-up increases.

4. Recruitment and retention of academic staff

The UW System academic staff salary structure designed by an independent consultant incorporates competitive salary ranges that will enable us to recruit qualified candidates for positions that are integral to the success of our students and our instructional and research programs. Successful recruitment must be matched with the capacity to retain experienced and productive staff as well. In order to retain our most experienced and productive academic staff, orderly and equitable internal salary relationships must be maintained. Carefully targeted salary increases will enable the institutions to retain appropriate salary relationships that recognize the quality and performance of academic staff.

CRITERIA TO BE USED IN EVALUATING INSTITUTION DISTRIBUTION PLANS

In evaluating institutional plans for approval, System Administration will consider:

1. Consistency with past and current evaluations, under Regents' guidelines, of merit in individual performance.
2. Consistency with survey data and patterns of both outside offers and personnel turnover that support the differential salary increases necessary to restore and maintain the competitive positions of individuals within departments, schools, colleges and other academic units. Institutions will report evidence of compliance.
3. Maintenance or achievement of both equity for women and minorities and equitable structural relationships governing salary progression of academic staff through career stages.
4. Achievement of reasonable differentiation in catch-up adjustments as demonstrated by the frequency distribution in percentage and dollar adjustments ranging from zero to increments substantially greater than average adjustment.

SECTION 3055. NONSTATUTORY PROVISIONS: UNIVERSITY OF WISCONSIN SYSTEM.

(1) COMPETITIVE COMPENSATION FOR FACULTY.

(a) In this subsection:

1. "Board of regents" means the board of regents of the university of Wisconsin system.

2. "Center" has the meaning given under section 36.05 (4) of the statutes.

3. "Faculty" means persons who hold the rank of professor, associate professor, assistant professor or instructor in an academic department or its functional equivalent in an institution and persons described under section 36.13 (4) (c) of the statutes, as created by this act, but does not include persons who hold a position identified in section 20.923 (4), (4m) or (5) of the statutes.

4. "Institution" has the meaning given under section 36.05 (2) of the statutes.

(b) Notwithstanding section 36.09 (1) (j) of the statutes, in addition to any salary adjustments made under sections 36.09 (1) (j) and 230.12 (3) (e) of the statutes in the 1989-91 fiscal period, the board of regents shall grant to faculty members increases in base salary equivalent to a total of \$5,832,400 in fiscal year 1989-90 and a total of \$21,737,700 in fiscal year 1990-91 in the manner prescribed in this subsection.

(c) The board of regents shall allocate moneys for the salary increases provided under paragraph (b) within the appropriation or appropriations funding each faculty position before allocating moneys for any purpose other than salaries, fringe benefits or contractual obligations incurred before the effective date of this paragraph.

(d) The board of regents shall distribute salary increases under paragraph (b) in the following proportions at the following times:

1. Fifty percent of the total increase commencing on January 1, 1990.
2. Twenty-five percent of the total increase commencing on July 1, 1990.
3. Twenty-five percent of the total increase commencing on January 1, 1991.

(e) The secretary of administration, acting under section 16.50 (2) of the statutes, shall withhold approval of expenditure estimates from the appropriations under section 20.285 (1) (a) and (im) of the statutes, as affected by this act, for the moneys allocated under paragraph (b) until the cochairpersons of the joint committee on employment relations notify the secretary that the joint committee has approved guidelines for distribution of the moneys in these appropriations.

(f) No later than October 1, 1989, the board of regents of the university of Wisconsin system shall submit proposed guidelines under paragraph (e) for the approval of the joint committee on employment relations which shall take into account all of the following:

1. Market forces outside the university of Wisconsin system that affect faculty retention and recruitment within each discipline.
2. Excellence in teaching, research and public service.
3. Documented faculty retention and recruitment problems.
4. Differences in teaching loads.
5. Forces outside the university of Wisconsin system that affect the ability of the system to retain and recruit faculty.

(g) No later than November 1, 1989, the joint committee on employment relations shall review and approve or approve with modifications the guidelines submitted under paragraph (f).

(h) No later than November 1, 1990, and November 1, 1991, the board of regents shall report to the governor and the chief clerk of each house of the legislature for distribution to the legislature under s. 13.172 (2):

1. Faculty retention and recruitment statistics within each discipline for each institution and center.
2. The specific needs, for each institution and center, in the areas of faculty retention and recruitment.
3. The method by which the board's plans for distribution of the moneys allocated under paragraph (b) address these needs.
4. The degree to which teaching load and excellence in teaching, research and public service were factored in distributing the moneys allocated under paragraph (b).
5. A comparison of cost-of-living differences within the regions of the United States from which the board of regents recruits faculty.
6. Information relating to fringe benefit programs offered at institutions of higher education in Illinois, Indiana, Iowa, Michigan, Minnesota and Ohio in comparison to the fringe benefit program offered by the board of regents.

(2) SPECIAL SUPPLEMENTAL ACADEMIC STAFF SALARY ADJUSTMENTS.

(a) In this subsection:

1. "Academic staff" has the meaning given under section 36.05 (1) of the statutes, as affected by this act.

2. "Board of regents" means the board of regents of the university of Wisconsin system.

(b) Notwithstanding section 36.09 (1) (j) of the statutes, in addition to any salary adjustments made under sections 36.09 (1) (j) and 230.12 (3) (e) of the statutes in the 1989-91 fiscal period, the board of regents shall grant to academic staff members increases in base salary for the 1988-89 fiscal period equivalent to a total of \$2,427,100 in fiscal year 1989-90 and a total of \$8,495,100 in fiscal year 1990-91 in the manner prescribed in this subsection.

(c) Notwithstanding paragraph (b), the department of administration, acting under section 16.50 (2) of the statutes, shall withhold approval of expenditure estimates for the salary increases provided under this subsection until the board of regents and the secretary of employment relations jointly submit a proposed distribution plan for the salary increases to the joint committee on employment relations and the plan is approved under this paragraph. The plan shall include:

2. An examination of the extent to which markets outside the university of Wisconsin system exist for services performed by academic staff.

3. An explanation of the specific needs the salary increases are expected to address.

4. An explanation of the means by which the plan specifically addresses those needs.

5. An explanation of how the salary increases will be utilized to help recruitment and retention of academic staff.

(d) The joint committee on employment relations shall review and adopt, adopt with modifications or disapprove the plan submitted under paragraph (c) in accordance with the procedure under section 230.12 (3) (b) of the statutes. The plan shall take effect upon approval by the joint committee on employment relations under this paragraph. The board of regents and the secretary of employment relations shall submit the plan to the joint committee on employment relations no later than November 1, 1989.

LISTING OF ACADEMIC STAFF TITLES
NOT ELIGIBLE FOR CATCH-UP

Attachment 2
(Revised 7-11-89)

<u>CATEGORY</u>	<u>FUNCTION</u>	<u>FNCT CODE</u>	<u>PFX</u>	<u>SCOPE</u>	<u>TITLE GROUP</u>	<u>APPLICABLE UNIT(S)</u>	
ACAD ADMIN	PRESIDENT	A00	N	N	C1	SYSTEM ADMIN	
	EXEC VICE PRESIDENT	A01	N	N	C1	SYSTEM ADMIN	
	VICE PRESIDENT	A02	N	N	C1	SYSTEM ADMIN	
	CHANCELLOR	A10	N	N	C1		
	DEAN	A20	N	N	C1		
	DIVISION CHAIRPERSON	A21	N	N	C1	UW-SUPERIOR	
	CAMPUS DEAN (CENTERS)	A22	N	N	C1	UW CENTERS	
	ASSOC VICE PRESIDENT	A30	N	N	C1	SYSTEM ADMIN	
	ASST VICE PRESIDENT	A31	N	N	C1	SYSTEM ADMIN	
	VICE CHANCELLOR	A40	N	N	C1		
	ASSOCIATE CHANCELLOR	A41	N	N	C1		
	ASSOC VICE CHANCELLOR	A42	N	N	C1		
	ASSISTANT CHANCELLOR	A43	N	N	C1		
	ASST VICE CHANCELLOR	A44	N	N	C1		
	ASSOCIATE DEAN	A51	N	N	C1		
	ASSISTANT DEAN	A52	N	N	C1		
	ASSOC CAMPUS DEAN/CTR	A53	N	N	C1	UW CENTERS	
	ASST CAMPUS DEAN/CTR	A54	N	N	C1	UW CENTERS	
	OTHER	DIR, STATE LB HYGIENE	N62	N	N	C3	UW-MADISON
	EMP IN TRAIN	RESEARCH ASSOCIATE	X01	N	N	D2	
POSTDOCTORAL FELLOW		X10	N	N	D2		
POSTDOCTORAL SCHOLAR		X20	N	N	D2		
POSTDOCTORAL TRAINEE		X30	N	N	D2		
RESEARCH INTERN		X50	N	N	D2		
POST GRAD TRAINEE 1		X61	N	N	D2	UW-MADISON	
POST GRAD TRAINEE 2		X62	N	N	D2	UW-MADISON	
POST GRAD TRAINEE 3		X63	N	N	D2	UW-MADISON	
POST GRAD TRAINEE 4		X64	N	N	D2	UW-MADISON	
POST GRAD TRAINEE 5		X65	N	N	D2	UW-MADISON	
POST GRAD TRAINEE 6		X66	N	N	D2	UW-MADISON	
POST GRAD TRAINEE 7		X67	N	N	D2	UW-MADISON	
INTERN (NON-PHYS)		X70	N	N	D2		
GRAD INTERN/TRAINEE		X75	N	N	D2		

CATEGORY A SALARY GRADES FOR 1989-90

TWELVE MONTH STAFF

	<u>MINIMA</u>	<u>MIDPOINT</u>	<u>MAXIMA</u>
01	\$15,348	\$19,185	\$23,022
02	\$17,606	\$22,008	\$26,410
03	\$20,207	\$25,259	\$30,311
04	\$23,185	\$28,981	\$34,777
05	\$26,606	\$33,257	\$39,908
06	\$30,529	\$38,161	\$45,793
07	\$35,029	\$43,786	\$52,543
08	\$40,198	\$50,247	\$60,296
09	\$46,127	\$57,659	\$69,191
10	\$52,927	\$66,159	\$79,391
11	\$60,739	\$75,924	\$91,109
12	\$69,698	\$87,122	\$104,546
13	\$79,977	\$99,971	\$119,965

NINE MONTH STAFF

	<u>MINIMA</u>	<u>MIDPOINT</u>	<u>MAXIMA</u>
01	\$12,557	\$15,697	\$18,836
02	\$14,405	\$18,007	\$21,608
03	\$16,533	\$20,666	\$24,800
04	\$18,970	\$23,712	\$28,454
05	\$21,769	\$27,210	\$32,652
06	\$24,978	\$31,223	\$37,467
07	\$28,660	\$35,825	\$42,990
08	\$32,889	\$41,111	\$49,333
09	\$37,740	\$47,176	\$56,611
10	\$43,304	\$54,130	\$64,956
11	\$49,696	\$62,120	\$74,544
12	\$57,026	\$71,282	\$85,538
13	\$65,436	\$81,794	\$98,153

**ACADEMIC STAFF - CATEGORY B
1989-90 MINIMUM SALARIES AS A PERCENTAGE OF FACULTY MINIMUM SALARIES**

Instructional Academic Staff

Adjunct Professor	100% of Professor minima
Adjunct Associate Professor	100% of Associate Professor minima
Adjunct Assistant Professor	100% of Assistant Professor minima
Adjunct Instructor	100% of Instructor minima
Professor (CHS)	100% of Professor minima
Associate Professor (CHS)	100% of Associate Professor minima
Assistant Professor (CHS)	100% of Assistant Professor minima
Instructor (CHS)	100% of Instructor minima
Clinical Professor	100% of Professor minima
Clinical Associate Professor	100% of Associate Professor minima
Clinical Assistant Professor	100% of Assistant Professor minima
Clinical Instructor	100% of Instructor minima
Extension Associate	102% of 1988-89 rate
Faculty Associate	90% of Assistant Professor minima
Associate Faculty Associate	80% of Assistant Professor minima
Assistant Faculty Associate	70% of Assistant Professor minima
Instrumentation Innovator, Instruction	90% of Assistant Professor minima
Associate Instrumentation Innovator, Instruction	80% of Assistant Professor minima
Assistant Instrumentation Innovator, Instruction	70% of Assistant Professor minima
Senior Lecturer	90% of Assistant Professor minima
Lecturer	80% of Assistant Professor minima
Associate Lecturer	70% of Assistant Professor minima
Senior Visiting Lecturer	90% of Assistant Professor minima
Visiting Lecturer	80% of Assistant Professor minima
Associate Visiting Lecturer	70% of Assistant Professor minima
Visiting Professor	100% of Professor minima
Visiting Associate Professor	100% of Associate Professor minima
Visiting Assistant Professor	100% of Assistant Professor minima
Visiting Instructor	100% of Instructor minima

Research Academic Staff

Instrumentation Innovator, Research	75% of Professor minima
Associate Instrumentation Innovator, Research	75% of Associate Professor minima
Assistant Instrumentation Innovator, Research	75% of Assistant Professor minima
Research Animal Veterinarian	75% of Professor minima
Associate Research Animal Veterinarian	75% of Associate Professor minima
Assistant Research Animal Veterinarian	75% of Assistant Professor minima
Senior Scientist	85% of Professor minima
Associate Scientist	85% of Associate Professor minima
Assistant Scientist	85% of Assistant Professor minima
Researcher	75% of Professor minima
Associate Researcher	75% of Associate Professor minima
Assistant Researcher	75% of Assistant Professor minima
Senior Visiting Scientist	85% of Professor minima
Associate Visiting Scientist	85% of Associate Professor minima
Assistant Visiting Scientist	85% of Assistant Professor minima

1989-90 FACULTY SALARY MINIMA

	<u>Academic Year</u> <u>(9 Mos. Basis)</u>	<u>Annual</u> <u>(12 Mos. Basis)</u>
Professor	\$ 30,400	\$ 37,200
Associate Professor	25,200	30,800
Assistant Professor	20,000	24,400
Instructor	16,600	20,300

D. UW-PARKSIDE

I-3

1.	1987-89 Three Buildings Remodeling (Wyllie Library-Learning Center/Molinaro Hall/Computer Center) (8808-27)	
a.	<u>General</u> Rasch Construction & Engineering, Inc.; Kenosha	\$ 54,150
b.	<u>HVAC</u> United Mechanical, Inc.; Racine	23,460
c.	<u>Electrical</u> Countyline Electric, Corp.; Bristol	26,184
d.	<u>Total Contract Award</u>	\$ 103,794
2.	1987-89 Molinaro Hall Multi-Media Classroom Remodeling (8903-28)	
a.	<u>All Work</u> State Construction Corp. of S.E. Wisconsin; Kenosha	\$ 16,700

E. UW-RIVER FALLS

1.	1987-89 Greenhouse Expansion Phase II (8803-45)	
a.	<u>General</u> Market & Johnson, Inc.; Eau Claire	\$ 172,422
b.	<u>Plumbing</u> Wiersgalla Co., Inc.; Eau Claire	10,550
c.	<u>HVAC</u> Badger State Inc.; Eau Claire	98,643
d.	<u>Electrical</u> Sherman Electrical Service, Inc.; Eau Claire	23,901
e.	<u>Total Contract Award</u>	\$ 305,516

F. UW-SUPERIOR

1.	1987-89 Gates Physical Education Building - Fieldhouse Wall Insulation Corrections (8711-33)	
a.	<u>All Work</u> Byron F. Card & Mary Jo Card; Foxboro	\$ 92,843

10/6/89

I-4
II-1
III-1

F. UW-SUPERIOR (Continued)

2. 1987-89 Holden Fine and Applied Arts Center
Recessed Patio Repair (8811-10)

a. All Work \$ 39,400
Hovland Masonry Inc.; Duluth

3. 1987-89 Erlanson Hall Window Sash Replacement
(8812-41)

a. All Work \$ 14,915
St. Germain's, Duluth

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

There are none to report this month.

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

(A) ~~The Vice President for Physical Planning and Development has executed a Collection Agreement (FP-89-1219) with Forest Products Laboratory. This Agreement authorizes the advanced payment of \$45,000 by the UW-Madison to Forest Products Laboratory for the completion of a survey and redesign of HVAC systems at 502-504 N. Walnut Street, Ampus. Sta A (card 45)~~ ✓

Forest Products Lab - Collection agreement for