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MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Madison, Wisconsin

Held in the Clarke Smith Room, 1820 Van Hise Hall
Friday, November 9, 1984
9:05 a.m.

- President Lawton presiding -

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

ABSENT: None

Upon motion by Regent Saunders, seconded by Regent Finlayson, the minutes of the regular meeting of the Board of Regents of the University of Wisconsin System, held on October 5, 1984, were approved as mailed to the members of the Board, with the following changes:

Page 16, fourth full paragraph:

Regent Weinstein pointed out, however, that the way the recommendations were written made it appear that nontraditional career patterns were not relevant.

Page 19, seventh paragraph:

Continuing the report of the Business and Finance Committee, Regent Weinstein stated that the next agenda item concerned proposed amendments to Chapter UWS 8, Wisconsin Administrative Code. Dr. Marvin Ebel, Chairman of the Committee to Review UWS 8 and Associate Dean of the UW-Madison Graduate School, presented the report to the Regents, pointing out that the most significant change from the Committee's last report was addition to the reporting form of a the requirement for reporting time spent on outside activities. Two other modifications were: (1) Addition of the word "personnel" to s. UWS 8.025(3)(a), which in effect required institutions to set standards for the use of personnel in outside activities; and (2) deletion of the "whistleblowing" section, since that matter was already fully covered by state statute. Chapters UWS 7 and 14 of the Administrative Code would be repealed under the suggested revisions.

✓ *HEAB - Report on 10/12/84 meeting in meeting papers, p. 2*

REPORT OF THE PRESIDENT OF THE BOARD

Report on the October 12, 1984, meeting of the Higher Educational Aids Board

President Lawton noted that a report on this meeting was included with the agenda materials and that Regent members Conroy, Finlayson and Nikolay had been present.

REPORT OF THE PRESIDENT OF THE SYSTEM

Report of Non-Personnel Actions/Informational Items

It was moved by Regent Knowles, seconded by Regent Veneman, and unanimously carried that the following resolution be adopted:

Resolution 3183: That the report of non-personnel actions by administrative officers to the Board of Regents and informational items reported for the record (copy on file with the papers of this meeting) be received for the record; and that actions included in the report be approved, ratified and confirmed.

✓ *UW-Extension - Report on integration progress, p. 2*

UW-Extension Integration

Reporting on recent progress toward integration of UW-Extension functions with the campuses of the UW System, President O'Neil noted that integration had already been substantially completed with the non-doctoral institutions but that last spring integration between UW-Extension and UW-Madison was postponed. This week, the UW-Madison Faculty Senate approved the concepts and principles necessary to effect integration, and the UW-Extension Senate was to consider a complementary plan in February 1985. If approved, he expected to receive from Chancellors Boyle and Shain a detailed plan for carrying out integration.

Along parallel lines, he expected that integration also would proceed between UW-Milwaukee and UW-Extension. He would then bring to the Board his final recommendations in time for implementation in the next fiscal year. Expressing satisfaction that the process was now well on track, he observed that the progress made showed a clear commitment by chancellors and faculty leaders to improving the delivery of education and service to all parts of the state.

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Educational Programs - Comments by President O'Neil on

Comments on the National Commission on Excellence in Higher Education Report p. 3

Calling attention to this recent report, the President remarked that it was replete with valuable recommendations which should be taken seriously by all university administrators and faculty members. He was concerned, however, with the criteria used for judgments about the quality of higher education. Pejorative inferences were drawn, for example, from the growth in numbers of part-time faculty, without acknowledging that most of that growth had been in junior and community colleges. There was lament in the report about the decline in verbal scores on the Graduate Record Exam, without noting that GRE mathematical scores had increased significantly and that GRE verbal scores had been going up since their low point in 1982. There was also criticism about the development of increasingly specialized undergraduate majors and concentrations, with no appreciation for the substantial growth at the same time of area, ethnic and other interdisciplinary studies.

Educational System of Wisconsin - (same)

While he was not contending that higher education was above criticism, the President said his concern was that the criteria by which it might best be judged were not necessarily the ones used by the NIE Task Force. He suggested that the UW System take the lead in developing and then applying more sophisticated measures of quality.

United Council - Council's position on salary catch-up and increase for faculty & academic staff and reaffirmation of maintaining current percentage amount for students' tuition pp 3-5

Report of the United Council of UW Student Governments

In his report as President of United Council, Mr. Scott Dacey spoke first about salary catch-up for faculty and staff (see pp 14-17). Noting that United Council had endorsed the reports on both faculty and academic staff compensation, he said there was recognition that implementing the recommendations of those reports would mean increased tuition. Such increases, however, were viewed as valid student investments in educational quality.

ref - Compensation - (same)

With reference to questions during testimony the preceding day as to the meaning of the word "equitable," Mr. Dacey recalled that he too had asked for equity in the Board's recommendation but had not defined the term. Noting that the Webster's Dictionary definition was "giving each man his due," he said peer studies showed that UW System universities lagged far behind comparable institutions in pay for all faculty and staff. To give each his or her due, he suggested, meant that a way should be found to compensate all parties, without leaving out certain segments.

ref - Faculty - (same)

Relating the opinions of several campus student leaders, Mr. Dacey said that the student government president at UW-Parkside felt that President O'Neil's recommendation did not provide enough money for UW-Parkside faculty and that there should be a minimum increase of \$3,000 per faculty member. The UW-La Crosse Student Association president was dissatisfied with the proposed inter-cluster allocation on the basis that each faculty and staff member should receive the same percentage increase, regardless of institutional cluster classification. Similarly, the president of UW-Green Bay's Student Association felt it was important to provide adequate catch-up funds for all faculty and staff.

ref - Fees - (same)

ref - Budget - (same)

Because of such concerns, Mr. Dacey stated, United Council could not support the President's recommendation. Instead, he felt the following suggestions might be considered: First, that the Board "shoot for the moon" by asking for the extra money needed to compensate all staff, at an estimated cost of an additional \$10 million, of which \$7.35 million would be GPR, with students paying the balance; and second, that one percent of the UW-Madison faculty allocation be shifted to the University Cluster in order to approach the figure of \$3,000 per faculty member and to reduce the dollar differential between the University Cluster and Doctorial Cluster. He asked that these proposals receive more consideration than he felt was given to recommendations made the previous day by former Regent Mary Williams.

Turning to the operating budget, Mr. Dacey expressed support for the \$5.6 million request for minority and disadvantaged student services, which was consistent with United Council's primary goal of ensuring accessibility to as many students as possible. With respect to the Council's commitment in that regard, he presented copies of a newly published multi-cultural resource directory, entitled "The Rainbow Connection," which contained information on minority programs, services and student organizations for each of the University System's four-year institutions. He also acknowledged the work done by Sherri Prude, United Council's minority affairs director, in producing that document.

In conclusion, Mr. Dacey reported that in recent referenda UW-Stevens Point and UW-Madison students had voted to maintain membership in United Council, while UW-Parkside students had voted to join the organization.

Regent Gerrard asked how many students in the System United Council represented and how many of those were active members.

Mr. Dacey replied that the group represented about 145,000 students and that 70-100 regularly attended meetings.

In response to a further question by Regent Gerrard, Mr. Dacey explained that campus student body presidents had advised United Council that students were willing to pay more tuition for salary increases.

Regent Gerrard inquired as to the percentage of increase United Council considered acceptable, and Mr. Dacey said he thought an increase of more than 16-17 percent would be viewed as too great.

Regent Gerrard wondered how many students would actually support a 17 percent raise in tuition.

In response, Mr. Dacey indicated that United Council's position was based on endorsement of the faculty and academic staff compensation catch-up reports by elected student representatives at institutions around the System. Both of those reports, he added, included the concept that students would pay their fair share.

Regent Knowles said his understanding was that United Council recognized that the dollar amounts for education would increase under these proposals, and that the Council felt students were willing to share in paying for that increase at the current percentage of cost covered by tuition, but that they would resist increasing that percentage.

Confirming the correctness of that understanding, Mr. Dacey said they felt the current percentage charged to students was equitable.

With reference to Mr. Dacey's comments about the testimony of Regent Emeritus Williams, Regent Weinstein pointed out that she had recommended reducing catch-up funds for faculty at UW-Madison and the UW Centers by two percent and then increasing funds for the University Cluster by one percent. He asked if United Council endorsed that position.

Responding in the negative, Mr. Dacey said he meant only that he felt greater weight should have been given to her proposal.

Regent Weinstein asked if giving her statement more weight would not mean adoption of her position.

Mr. Dacey did not believe that was necessarily the case. In response to a further question by Regent Weinstein, Mr. Dacey explained that he thought there should have been more discussion of her recommendations. His own proposal, however, differed from hers and was as set forth in his earlier presentation to the Board.

President Lawton stated the Board's appreciation for United Council's consideration of the compensation issue and expressed the hope that their interest would be made known in the legislative arena where the actual decisions would be made. With respect to Mr. Dacey's suggestion, however, that the Board's request should "shoot for the moon," Regent Lawton observed that "sometimes you wind up with green cheese, not dollar bills."

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REPORT OF THE EDUCATION COMMITTEE

Chairman Schilling presented the Committee's report.

UW-River Falls - Presentation to the Board on agricultural programs
Presentation on UW-River Falls Agricultural Programs *at UW-River Falls, pp 5-6*

The Committee viewed a videotape, originally produced by television station WGN in Chicago as a four-part editorial on undergraduate agricultural education, which used UW-River Falls as a model of such agricultural programs. Chancellor Field noted that the narrator of the series, Warren Samuelson, was a highly respected farm reporter and that the series had been shown all over the Midwest.

The program included interviews with Dean Gary Rohde, faculty from several of the agricultural programs, and Vice Chancellor Richard Delorit. When the tape was concluded, Chancellor Field observed that two of the faculty interviewed had been women--something which would not have been

Xref - Academic Programs - (same)

possible in this field five years ago. Regent President Lawton commended Chancellor Field and his faculty for their fine program, and the Chancellor noted that the tape would be sent to some 70 Wisconsin high schools which had vocational programs in agriculture.

new card

Joint Administrative Committee on Continuing Education - Biennial Report to the Board, p. 6

Joint Administrative Committee on Continuing Education Biennial Report

Noting that the UW and VTAE Systems coordinated activities through three joint committees, Regent Schilling summarized a report from Chancellor Patrick Boyle, of UW-Extension, and Frederick Nierode, Director of the Lakeshore VTAE District, who co-chaired one of these committees--the Joint Administrative Committee on Continuing Education (JACCE).

Intersystem Coordination - Biennial report presented on Joint Administrative Committee on Continuing Education p. 6

Established in 1972 to provide a forum for communication on continuing education programs as pertinent to the mission of each System, JACCE stressed communication, coordination, and cooperation. Chancellor Boyle reviewed the Committee's structure, which consisted of the statewide JACCE committee, regional JACCE councils, local planning committees set up by the regional councils, and ad hoc discipline articulation committees, appointed as needed to create guidelines on procedures to avoid conflict and to enhance communication in disciplinary areas.

VTAE System - (same)

Mr. Nierode cited the agricultural outreach programs of each System as an example of the kind of cooperation fostered through JACCE. The VTAE programs were directed primarily toward farmers beginning their careers, while the UW-Extension programs focused on established farmers. Cooperative efforts were also taking place in the areas of small business development counseling, home economics, family living, and municipal services. Recent joint activities included a technology transfer program, this year's conference on strategic planning in a changing economy, and an upcoming conference on economic development in Wisconsin. Mr. Nierode thanked Assistant Vice President Al Beaver for his year-long work on improving the formal communication model which was in effect between the VTAE and UW Systems.

Continuing Education - (same)

In discussion at the Committee meeting, Regents inquired why the public perception remained that there was too much duplication between the VTAE and UW Systems. Chancellor Boyle observed that often duplication which appeared to exist was not, in reality, actual duplication. He recognized that JACCE had a mission to improve its communication with legislators and the public about joint efforts to guard against duplication, and he suggested that the regional councils could serve that purpose well. Mr. Nierode offered an example of how disputes were resolved through the JACCE's formal communication model and stressed that potential problems were addressed first at the local level. While JACCE's primary work was in resolving disputes, Chancellor Boyle added it also had a pro-active role through the regional councils.

Humanities - Report on the status of humanities in the UW System, pp 7-9
Report on the Status of Humanities in the UW System

Executive Vice President Katharine Lyall introduced the report to the Committee by recalling that Regents had made inquiries about the status of the humanities when new professional and technical degree programs were brought to the Board for approval. Calling attention in particular to System trends of declining numbers of humanities majors concurrent with rising student credit-hour workload of humanities faculty, she invited Associate Vice President Vernon Lattin, who oversaw preparation of the report, to add his observations.

Academic Programs - (same)
Dr. Lattin pointed out that, given the breadth and tradition of the humanities, shifts in emphasis within these fields were to be expected. As an example, he cited the 1984 American Council of Learned Societies conference, in which the computer was the topic of discussion--not merely its applications, but the effects it had on human beings.

Noting with concern the trend documented in the report of the shift in majors away from humanities programs to professional programs, he pointed out that the National Institute on Education panel, whose report on the state of postsecondary education was just released, cited as a warning signal the trend of majors away from traditional arts and science fields, including a 17 percent drop in humanities majors across the country in the past decade. Concerns in the UW System paralleled these national concerns. He highlighted three of the many contemplated System activities in this area: (1) an action-oriented conference on humanities education in Wisconsin, being planned for the end of May 1985, at the Wingspread Center; (2) establishment of three fellowships in humanities research at the UW-Madison Institute for Research on the Humanities and UW-Milwaukee's Center for Twentieth Century Studies, to be awarded to faculty outside the Doctoral Cluster; and (3) an invitation to System institutions to submit proposals for a demonstration project linking an established professional program with a humanities concentration. Senior Academic Planner Karen Merritt, who staffed the report, added that though the statistical portion painted a bleak picture, it was characteristic of humanities faculty in the UW System to nevertheless continue to develop the kind of vigorous programming described in the report.

Committee members expressed their interest in the proposed demonstration project and recalled that many chief executives of corporations had stated a preference that students be liberally educated by universities, then trained for specific jobs by the corporations. It was pointed out by Chancellor Guskin that although this view had been expressed by many chief executives, personnel offices seemed to continue hiring graduates with job-oriented degrees. Observing that returning adults frequently were seeking the liberal education courses they missed in their earlier college careers, Dr. Lyall expressed the dual concerns that younger faculty in the humanities might seldom have an opportunity to teach courses above the introductory level and that the current depletion of graduates in the humanities could lead to faculty staffing problems in the future. The discussion concluded with reiteration of the need to be mindful of how reallocation to support new degree programs affected the liberal arts core curriculum.

In discussion at the Board meeting, Regent O'Harrow referred to the statement that businesses tended to hire graduates with increasingly specialized training, even though top executives extolled the virtues of training in the humanities. He asked if there were statistics on what businesses actually were doing in that regard.

Although a formal survey had not been done, Executive Vice President Lyall replied, reactions from placement officers and students suggested overwhelmingly that the demand was for students with specific kinds of occupational training. She added that at the Committee meeting the point had been made that perhaps some of the slippage was between what chief executive officers saw as a broad view of their needs and what placement officers considered when actually filling specific jobs. It was less difficult, she noted, to identify people with particular kinds of technical training than to assess the broader skills that would come from a liberal arts education.

Since placement officers had to be sensitive to the views of their superiors, Regent O'Harrow wondered why the message from top executives was not being carried out in the hiring process.

Dr. Lyall expressed the hope that there would be communication on that point at the planned Wingspread Conference which would involve corporate leaders, along with other interested academic and business professionals.

Regent Veneman explained that chief executive officers were involved in hiring only those in the company's top hierarchy, while others were hired by personnel staff, who received their directives from operating officers. While he regarded education in the humanities as admirable, he thought training in specific disciplines was what businesses were actually seeking.

Regent Saunders added that the company in which he served as an operating officer had experienced little growth in the last five years, and that their hiring had been limited since 1979 to persons with engineering backgrounds .

Indicating that there also was a finer point to the discussion, Regent Schilling said what was of particular concern was that industry seemed to be showing through hiring practices that they wanted not only persons with degrees in specified technical fields, but also persons with concentrated courses in that field. Noting that such preferences tended to dissuade students from taking humanities courses, he commented that, while a company that needed an engineer would certainly hire a graduate in that field, the question was whether the company should look for an engineer who had taken only engineering courses or one who had a liberal arts education as well.

While his preference would be for the latter, Regent Saunders pointed out that it was extremely difficult to include many liberal arts courses in a four-year program.

Noting that this sort of problem could be discussed at the Wingspread Conference, Regent Schilling suggested that perhaps a core of liberal arts studies could be made a degree requirement in such fields as engineering and that industry then would need to be more willing to hire personnel with the understanding that they might need further training in specialized areas.

Regent Saunders added that the possibility of expanding the curriculum from four to five years in order to include more humanities courses might also be considered.

card #6
Deans - Various Colleges -
Authorization to Recruit, Dean, UW-Madison School of Family Resources and Consumer Sciences, R 3184, P. 9

Resolution 3184 was unanimously adopted by the Board, upon motion by Regent Schilling, seconded by Regent Finlayson.

Family Resources & Consumer Sciences, School of - (same)
Resolution 3184: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the Chancellor of the University of Wisconsin-Madison be authorized to recruit for a Dean, School of Family Resources and Consumer Sciences.

Physical Sciences/Engineering/Nuclear Engineering -
Authorization to Recruit, Professor of Physical Sciences/Engineering/Nuclear Engineering, UW-Madison, R 3185, P. 9

Regent Schilling moved adoption of the following resolution. The motion was seconded by Regent Weinstein and voted unanimously.

Engineering, School of - (same)
Resolution 3185: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the Chancellor of the University of Wisconsin-Madison be authorized to recruit for a Professor, Physical Sciences/Engineering/Nuclear Engineering.

Nuclear Engineering - (same)
- - -
REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Regent Weinstein presented the report of the Committee.

Approval of Gifts, Grants and U.S. Government Contracts

Reviewing with the Committee the monthly list of gifts, grants and U.S. government contracts, Vice President Floyd Case reported that federal awards increased by \$15.9 million in the past month--a \$2.2 million increase over the same period for the previous year. In year-to-date comparisons, the largest increases occurred in instructional and research activities--\$3 million and \$4.2 million respectively. Individual awards ranged from million dollar amounts (\$1.7 million from the Department of Energy; \$1.5 million from the Department of Agriculture; and \$1.6 from the Department of Commerce) to a \$2,500 award from NASA. With respect to summary totals comparing both federal and non-federal support, Mr. Case advised that, with respect to the \$13 million reduction from the previous

year, it should be noted that in November 1983 the Board accepted a \$20 million four-year award from the Midwest Universities Consortium for International Activities (MUCIA). Chancellor Shain explained that seven of the Big Ten universities made up the consortium which had as its purpose the provision of technical assistance, and UW-Madison was providing such services to Indonesia.

Recalling that the previous month the Committee's attention was called to the loss of a grant because a UW-Milwaukee faculty member left for a higher-salaried position at another university, Regent Weinstein reported that this month the Committee was advised that an associate professor at the Center for Health Sciences and an assistant scientist at the Waisman Center were both leaving UW-Madison--and taking grants with them--for substantial salary increases from other institutions. These were examples, he pointed out, of the highly competitive environment within which the university must attempt to hold faculty and staff.

It was moved by Regent Weinstein, seconded by Regent Fish and unanimously voted that the following resolution be adopted:

Resolution 3186: That, upon recommendation of the President of the University of Wisconsin System, the gifts, grants and contracts presented at this meeting (copy on file with the papers of this meeting) be accepted, approved, ratified and confirmed; and that, where signature authority has not been previously delegated, appropriate officers be authorized to sign agreements.

✓ Section - notations below

Report of the Vice President

In his report to the Committee, Vice President Case advised that the university expected to generate about \$1.8 million of additional tuition and fees from enrollments in excess of budget projections. A request for the release of these revenues was to be submitted in the near future to the Department of Administration and the Joint Committee on Finance. *reported, p.10*

✓ x ref Fees (same)
✓ x ref Budget (same)

Regent Weinstein then reported on consideration by the Business and Finance Committee, with all Regents invited to participate, of the 1985-87 Biennial Budget Request. Included were 1985-87 compensation adjustments for faculty and academic staff; 1985-87 adjustments for instruction and other university programs, including faculty and academic staff salary catch-up; and recommendations on various changes in policy, practice and state law related to compensation matters. (An account of the lengthy presentations and discussions on these matters is found in the minutes of the Business and Finance Committee.)

Review of Budget - Biennial Budget request for 1985-87, p.10

✓ x ref Compensation (same)
✓ Faculty (same)
✓ Salaries - "

Compensation - Adoption of recommendations for

1985-87 Compensation Adjustments for Faculty and Academic Staff, R 3187, pp 11-13

At the Committee meeting, President O'Neil made preliminary comments in presenting the 1985-87 compensation adjustments for faculty and academic staff. He then introduced the Co-Chairs of the Biennial Working Group on Faculty and Academic Staff Compensation, UW-Madison Professor James Hickman and UW-Eau Claire Assistant Chancellor Charles Bauer, along with Subcommittee Chair Richard Vilstrup, who presented background information in support of the pay-plan request. Following discussion by the Regents, Resolution 3187 was approved, with Regent Gerrard dissenting. EX A

Budget - (same)
Adoption by the Board of the following resolution was moved by Regent Weinstein and seconded by Regent Hanson:

Faculty - (same)
Resolution 3187: That, upon recommendation of the President of the University of Wisconsin System, the Board of Regents endorses the report of the 1985-87 Biennial Working Group on Faculty and Academic Staff Compensation and approves the following recommendations:

Salaries - (same)

The Board of Regents appoint a UW System Negotiation Team to present the 1985-87 compensation proposals to the appropriate representatives of State government and to enter into such negotiations as necessary.

The team shall include eight members, three Regents, the President, the Executive Vice President, the Associate Vice President for University Personnel Relations and the Co-Chairs of the System Working Group on Faculty and Academic Staff Compensation for 1985-87.

The Negotiation Team should seek to gain a 1985-87 compensation plan which would include the following recommendations of the Working Group on Faculty and Academic Staff Compensation for 1985-87:

1. An 8.5% increase in the first year of the 1985-87 biennium.
2. A 9.5% increase in the second year of the 1985-87 biennium.
3. The Board of Regents be authorized to allocate the funds appropriated for salary increases.

Note: The biennial cost of the above proposal is estimated as follows:

GPR	\$ 76,958,600
Academic Fees/Tuition	29,632,200
Other Program Revenue	<u>38,537,600</u>
TOTAL INCREASE	\$145,128,400

The report is attached as EXHIBIT A.

In discussion at the Board meeting, Regent Gerrard commented on his opposition to the resolution, stating that it was totally unrealistic to expect the Legislature to approve such large pay increases and that Regents should be aware that the university would do well to receive half that much. "Why then," he asked, "put out a message to the citizens of Wisconsin that the Board of Regents wants to raise pay in the System by 8.5 percent and 9.5 percent, when they cannot?" Instead, he suggested taking part of the amount recommended for pay-plan increases and adding it to the catch-up request, so that there would be some money in that proposal for everyone.

Noting that one of the System's longstanding problems was the practice by the executive and legislative branches of treating faculty exactly as other state employees when considering pay increases, Regent Knowles observed that the Governor's Faculty Compensation Study Committee broke new ground by displaying the fact that faculty were different from other employees and by establishing peer groups which compared faculty with their counterparts in other states. He felt it was necessary to continue emphasizing that differentiation, and therefore he had no hesitation in asking for an increase that might not apply to other state employees. "I am optimistic; I think there is a good chance; and therefore I sincerely hope that this modest increase in pay is supported."

Regent Weinstein pointed out that Resolution 3187 contemplated establishment of a negotiating team to work with state government representatives. Secondly, he disagreed with the contention that the Regents should know that the request would be cut in half. Stating that he knew no such thing, he said, "I am here to tell you that 8.5 and 9.5 is not enough, because what is missing is the understanding that the reason we got into catch-up trouble is because we did not keep up. And if we don't keep up, we are going to be back in catch-up again in another two years." It would be essential, he emphasized, to make it clear that the 8.5 percent and 9.5 percent were not simply tied to inflation. They included inflation, plus an increment for merit or keep-up, which was needed to avoid losing faculty and staff. He also did not agree with the suggestion that part of the pay-plan money should be traded for more catch-up funding, because to do so would put the university in the position of bidding against itself.

Expressing agreement with Regent Weinstein, Regent Fish said he did not know whether the request for increases of 8.5 percent and 9.5 percent would be approved by the Legislature, nor did he think legislators themselves knew at this time what their decision would be. Those proposed increases included all segments of the faculty and academic staff, he pointed out, adding that he did not see why the Legislature would be more inclined to provide catch-up money than pay-plan money. The reason he would prefer to have the funding in the pay plan, he stated, was "that it gives us a salary request position that we assume will be somewhat ahead of the salary request position of other state employees, to emphasize the importance of the faculty and the importance of academic staff in the University System. So I intend to support the 8.5/9.5 proposal."

Regent Gerrard said his position was that the proposed request would be unrealistically high--not that faculty and academic staff should be put in a category with all other state employees.

Put to the vote, Resolution 3187 was adopted, with Regent Gerrard voting "No."

Regent President Lawton indicated he would appoint the negotiating team as promptly as possible.

President O'Neil added that the Governor's office probably would be concerned first with other parts of the operating budget and that the Secretary of Employment Relations would advise as to when he wished to start negotiations.

Budget - Recommendation for 1985-87 operating budget, p. 13, R3188, 4 EXB, pp 14-17

Continuing the report of the Business and Finance Committee, Regent Weinstein stated that the second resolution presented in Committee covered the entire general operating budget. Regent President Lawton and Vice President Knowles commented regarding the involvement of Board members in preparation of and support for this budget request. Following their remarks, the following resolution was presented:

Resolution: That, upon recommendation of the President of the University of Wisconsin System:

the operating budget request increases outlined in I.2.f.(2), be approved for submission to the Governor, Department of Administration and the Legislature:

GPR	\$41,873,800
Academic Fees/Tuition	<u>13,813,900</u>
Sub-Total GPR/Fees	\$55,687,700
Other Program Revenue	<u>81,387,400</u>
TOTAL INCREASE	\$137,075,100

and the proposed budget increases needed to adjust the salaries of faculty and academic staff to competitive levels under current market conditions, as outlined in I.2.f.(2), be approved for submission to the Governor, Department of Administration, and the Legislature:

GPR	\$26,000,000
Academic Fees/Tuition	<u>9,422,600</u>
Sub-total GPR/Fees	\$35,422,600
Other Program Revenue	<u>7,503,400</u>
TOTAL INCREASE	\$42,926,000

Compensation Catch-up Proposal

At the Committee meeting, President O'Neil stated that his recommendation on catch-up funding did more than had been hoped earlier in that it would complete the faculty catch-up process within the biennium and provide a significant step within the first year. He noted, however, that the proposal did not do everything that might have been wished. While academic staff were included in the recommendation, there was not enough money available to cover all staff at this time, and as a result, preference was given to those whose qualifications and roles were most central to the teaching, research and service missions of the university.

The Regents then heard statements by 40 faculty and academic staff members from across the System. Written statements also were submitted and were placed on file.

Following those presentations, the resolution was split into two separate parts: (a) a resolution on the salary catch-up portion of the biennial budget proposal; and (b) a resolution on the remaining portion of the proposed 1985-87 budget.

The resolution on the salary catch-up was moved and discussed in Committee. In response to a question by Regent Clusen, President O'Neil indicated that the proposed allocation of salary catch-up funding would not necessarily bind the Regents to that distribution. The Chairman ruled that the narrative accompanying the resolution was to be considered part and parcel of the resolution.

The question was called, and Resolution 3188 was passed in Committee on a roll-call vote of 11 "Ayes" and 4 "Nos."

✓ Compensation - Adoption of "catch up" proposal for faculty & academic staff, R 3188, & EX B, pp 13-17

Adoption by the Board of Resolution 3188 was moved by Regent Weinstein and seconded by Regent Veneman.

*✓ X ref - Budget (same)
 ✓ Faculty (same)
 ✓ Salaries (same)*

Resolution 3188: That, upon recommendation of the President of the University of Wisconsin System, the proposed budget increases needed to adjust the salaries of faculty and academic staff to competitive levels under current market conditions, as outlined in I.2.f.(2) (EXHIBIT B), be approved for submission to the Governor, Department of Administration, and the Legislature:

GPR	\$26,000,000
Academic Fees/Tuition	<u>9,422,600</u>
Sub-total GPR/Fees	\$35,422,600
Other Program Revenue	<u>7,503,400</u>
TOTAL INCREASE	\$42,926,000

In discussion at the Board meeting, Regent Conroy moved that the resolution be amended to provide that any catch-up funds granted to classified staff be extended to those academic staff not included in the UW System request. The motion was seconded by Regent Grover.

Regent Conroy explained that if the System's classified staff were granted some catch-up funds and if part of the academic staff received catch-up money through the System's request, there would still be an island of academic staff who would be completely left out. Therefore, she thought the Board should recommend that if catch-up were provided for classified staff in the University System, that average amount should be extended to the academic staff not included in the System's proposal.

Regent Lawton noted he had not heard of a catch-up proposal being considered for classified staff.

Since all portions of the academic staff were included in the pay-plan request for increases of 8.5 percent and 9.5 percent, Regent Fish observed that the proposed amendment assumed that the pay plan for classified staff would go beyond those figures.

Regent Conroy said she made no assumptions in proposing the amendment, but simply wished to guard against being responsible for a group of state employees who were left out of everything.

It was noted by President O'Neil that compensation adjustments for classified staff were not part of the System's recommendations, and Associate Vice President Lemon added that pay plans for classified state employees and unclassified university staff went through substantially the same process but were separately identified. He was not aware of any catch-up proposal for classified employees.

Regent Weinstein said he had planned to propose a resolution that would ask President O'Neil to discuss the whole issue with the Governor and the Legislature, to see if more GPR funds could be made available for academic staff not covered under this proposal. However, he wished to offer such a motion separate and away from the pending resolution in order not to taint the System's catch-up request. While he was sympathetic with Regent Conroy's idea, he did not think the university should become involved with the state's treatment of classified staff, and he felt it was implicit in the proposed amendment that a catch-up for classified staff should be considered. Therefore, he stated that he would vote against the amendment.

Regent Fish thought that, if catch-up funding for classified staff were considered, it would still come out of state employee wage negotiations as a flat salary increase, rather than in two packages as was proposed for the university.

Regent Nikolay said he found it difficult to understand why academic staff not included in the catch-up proposal should be considered any less deserving than those who were covered.

It was explained by President O'Neil that classified represented and classified non-represented employees were the subject of two separate recommendations from the Secretary of Employment Relations to the Joint

Committee on Employment Relations. The university was not a part of that process except for having representation, along with other state agencies, in the negotiating sessions. That track was separate from the recommendations which the Regents made to the Secretary for faculty and academic staff. With respect to catch-up, he said only those persons with less than 50 percent appointments would be categorically excluded under his recommendation, although it was recognized that the money in the pool was not likely to cover all other persons if priority were given, as he had proposed, to those groups of academic staff who were most like faculty and closest to the teaching and research missions.

While he respected the purpose of Regent Conroy's suggested amendment, Regent Schilling felt it would cloud the issue in a dangerous way. Since the Board was not involved in requesting catch-up for classified employees, he did not think the Regents should make a recommendation about disposition of something they had not requested. More importantly, he thought the only reason catch-up would be granted was if faculty were made a special case, to be treated differently from others. Addition of instruction-related academic staff had already watered down that effort, he indicated, adding that it probably would have been better to defer catch-up for academic staff to another time, since it was not possible in this request to do enough for them. He emphasized that the foremost priority had to be catch-up for faculty and that the case must be made that special treatment was needed for that special problem.

Regent Knowles remarked that he knew of no study indicating classified staff were out of step with their peer groups in other states. On the contrary, it was his understanding that Wisconsin paid its classified staff somewhat better than most other states and had fewer employees. In contrast, the request for faculty and academic staff catch-up came about through comparison with peer groups in other states. If classified staff were to get an increase, he thought it would be as part of a pay plan, rather than being separately identified as catch-up. Since it was his position that faculty and academic staff should be considered different from other state employees because they were in a different competitive pool, he stated that he could not support the amendment.

Regent Clusen said that, although she applauded the motivation behind the proposed amendment, she thought the best advice that could be given to academic staff who wanted the benefits of classified employees in bargaining units would be to seriously consider collective bargaining.

The question was put on the proposed amendment, and it was defeated on a voice vote, with Regents Conroy and Nikolay asking to be recorded as voting in favor of the amendment.

Regent Conroy added that she agreed with the comment made by Regent Clusen but that she felt the moral obligation to make an effort on behalf of academic staff who were not included in the request.

Indicating that all Regents shared that feeling of obligation, Regent President Lawton said the resolution to be introduced later by Regent Weinstein would attempt to convey that concern. (See Resolution 3191, pp 18-19.)

The question then was put on Resolution 3188 which was adopted on a roll call vote, with Regents Finlayson, Fish, Hanson, Heckrodt, Knowles, Lawton, O'Harrow, Saunders, Schilling, Veneman and Weinstein voting "Aye" (11), and Regents Clusen, Conroy, Gerrard, Grover and Nikolay voting "No" (5).

✓ Budget - Adjustments for 1985-87

1985-87 Adjustments for Instruction and other University Programs, R 3189, p. 17

Regent Weinstein reported that the remainder of the operating budget request was introduced at the Committee meeting by President O'Neil, after which presentations were made by chancellors on various aspects of the budget.

Upon motion by Regent Weinstein, seconded by Regent Finlayson, the following resolution was adopted unanimously by the Board:

Resolution 3189: That, upon recommendation of the President of the University of Wisconsin System, the operating budget request increases outlined in I.2.f.(2), be approved for submission to the Governor, Department of Administration and the Legislature:

GPR	\$41,873,800
Academic Fees/Tuition	<u>13,813,900</u>
Sub-Total GPR/Fees	\$55,687,700
Other Program Revenue	<u>81,387,400</u>
TOTAL INCREASE	\$137,075,100

(The operating budget request is on file with the papers of this meeting).

✓ Compensation - Changes adopted in process for adjustments for cooperative extension + research faculty + staff, R 3198, p. 17

Compensation Process Changes

It was moved by Regent Weinstein, seconded by Regent Veneman, and unanimously voted that Resolution 3190 be adopted by the Board.

✓ x ref
✓ x ref
✓ x ref
✓ x ref
✓ x ref

Faculty - same
Salaries - same
Budget - same
Extension - same
Legislature - "

Resolution 3190: That, upon recommendation of the President of the University of Wisconsin System, the changes in policy, practice and statute necessary to implement the recommendations of the Faculty Compensation Study Committee and to support the proportionate adjustments for cooperative extension and research faculty and staff, as outlined in I.2.f.(3), be approved.

(The compensation process changes are on file with the papers of this meeting).

✓ Compensation - Request for additional "catch-up" funds for academic staff, R 3191, pp 18-19

Commendation for 1985-87 Budget Development; Request for Additional Catch-up Funds for Academic Staff

✓ X ref Salaries - (same)

Regent Weinstein presented Resolution 3191 and moved its adoption by the Board. The motion was seconded by Regent Hanson.

✓ Y ref Budget - (same)

✓ X ref Faculty - (same)

Resolution 3191: That the Board of Regents commends President O'Neil and the Vice Presidents for the monumental task performed in developing the 1985-87 budget, given the assumption of funds available. We believe the budget relative to pay plan and "catch-up" is essential if we are to maintain the quality of the System.

We urge President O'Neil to make known to the Executive and Legislative branches of government that additional GPR funds are required in order to cover academic staff in a more complete manner relative to "catch-up."

✓ Budget - Commendation for 1985-87 budget development; R 3191, pp 18-19

Regent Schilling expressed the same reservation about this resolution as he had indicated with respect to Regent Conroy's proposed amendment. It was his concern that the second paragraph of Resolution 3191 would muddy the waters and give a mixed signal to the Legislature. Noting that the Board was first asking for special treatment for faculty and then had applied that same reasoning to those academic staff most closely related to instruction, he asked if this resolution would not take away from the special case the Board sought to make.

Regent Weinstein replied that he deliberately did not include this language in the resolution dealing specifically with the budget. "But I think it would be blind, and we would send a signal that no one would understand," he stated, "if we simply said that we sat here yesterday for seven hours and listened to people tell us they were upset by being excluded from the catch-up, and to say to them that we don't even recognize that as a problem." What the resolution said, he emphasized, was that the Board supported the budget which was adopted, and that budget was essential. At the same time, the resolution stated the Regents' concern about those who could not be covered because the assumption of funds available was not adequate to include them. Therefore, there was need to negotiate for additional money to cover more of the academic staff.

Regent Schilling stated that he fully intended "to take what opportunities I have to make legislators and others know that we bit the bullet and were not happy about it, because we would have wanted more money for academic staff." His question, however, was whether that view should be set forth in a formal resolution and whether to do so would cloud the issue, rather than being helpful.

Regent Saunders felt there was so much concern about the matter that the resolution should be supported, even if it might tend to muddy the waters.

Regent Conroy expressed agreement with Regent Saunders.

It was noted by Regent Heckrodt that academic staff would certainly continue to advocate their views. "This shows support for their position. I think it will indicate the Regents' cooperation and also will help them in their endeavor."

Regent Veneman agreed that the Board should support this resolution. "I feel that it may fall on empty hands, but at least it expresses the feeling that all of us have, not only based on what was presented to us yesterday, but just on fair play."

Regent Finlayson concurred, stating that she also would support the resolution.

While words might not make academic staff feel a great deal happier, Regent Clusen added, at least the resolution would send a specific message of support.

Put to the vote, Resolution 3191 was unanimously adopted.

Regent President Lawton expressed appreciation to all the Regents for their hard work in the budget, and especially to Regent Vice President Knowles and Regent Weinstein whose efforts were particularly essential to the process, as well as to President O'Neil, Associate Vice President Arnn and other System personnel who had labored long and hard on preparing the budget request.

Regent Hanson thanked President Lawton and the administration for keeping all Regents so well informed during the budget development process.

- - -

REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Chairman Heckrodt presented the Committee's report.

Approval of Major Project Concept and Budget Report, UW-Milwaukee

for Student Center Plaza enclosure project
R 3192

The first item considered by the Committee was the concept and budget report for a program revenue-funded \$2,100,000 UW-Milwaukee Student Center Plaza enclosure, along with authority to complete plans and specifications. The project would add approximately 27,000 gross square feet of enclosed space to the original Student Center building constructed in 1972, and it would resolve dangerous structural/safety problems which had been caused by insufficient or deteriorated drainage systems along the north and east face of the Center. The Committee discussed this request with Chancellor Horton and System Administration staff, who indicated that the project would be brought back to the Regents for authorization to bid and construct.

pp 19-20

Resolution 3192 was unanimously adopted by the Board, upon motion by Regent Heckrodt, seconded by Regent Nikolay.

Resolution 3192: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, the concept and budget report for the Program Revenue-funded \$2,100,000 1985-87 Student Center Plaza Enclosure Project be approved and authority granted to complete the final plans and specifications, at a cost of \$84,000.

✓ Charter Street Plant

for Charter Street Heating Plant water treatment system project for Charter Street Heating Plant

Approval of Major Project Concept and Budget Report, UW-Madison

Regent Heckrodt reported that the Committee then reviewed a concept and budget report for the water treatment system at the UW-Madison Charter Street Heating Plant. This project would replace the original 30-year-old south portion of the make-up water treatment system with a new, larger-capacity system, and it included construction of space to house the larger unit. Contributing to the cost increase were inaccurate original cost estimates, as well as installation of cross connections between the north end and south end units to provide greater reliability than currently existed, demolition of the south end tank and system components, and addition of a new blowdown heat exchanger for energy conservation purposes.

modifications project, and authority to combine the two projects, R 3193, p.20

✓ Energy Conservation - Same

The Division of State Facilities Management had recommended combining this project with the 1975-77 Charter Street Heating Plant modifications project and using residual bonding authority from that project to cover the increased cost of \$465,000.

Adoption by the Board of the following resolution was moved by Regent Heckrodt, seconded by Regent O'Harrow, and voted unanimously:

Resolution 3193: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the concept and budget report for the 1983-85 Charter Street Heating Plant Water Treatment System Project be approved, authority granted to plan, bid and construct at a revised total cost of \$825,000 (\$360,000 - 1983-85 General Obligation Bonding; \$465,000 - 1975-77 Charter Street Heating Plant Modifications Project General Fund Supported Residual Bonding Authority) and authority granted to combine the two projects, for a total cost of \$5,059,000 for the 1975-77 Charter Street Heating Plant Modifications Project.

UW-Oshkosh - Bldgs + Land

Authority to sell a 1.27 acre parcel of land (Buckstaff property), R 3194, pp 20-21

Approval of Land Sale, UW-Oshkosh

The next item considered by the Committee was a request for approval to sell the UW-Oshkosh Buckstaff property for \$55,000, subject to the purchaser being able to secure financing.

It was moved by Regent Heckrodt, seconded by Regent O'Harrow and unanimously carried that the following resolution be adopted:

Resolution 3194: That, upon the recommendation of the UW-Oshkosh Chancellor and the President of the University of Wisconsin System, authority be granted to sell for \$55,000 a 1.27 acre parcel of excess property, previously gifted to UW-Oshkosh, with the sale subject to the purchaser securing financing:

Lots Twelve (12), Thirteen (13), Fourteen (14), and Fifteen (15), Block Five (5), first addition to plat of interurban land co., in the Fifteenth (15) Ward, City of Oshkosh, and that part of Section Twelve (12) in Township 18 North, Range 16 East, described as North One Hundred Fifty (150) feet of East One Hundred Seventy (170) feet, lying south of Allen Avenue and west of North Main Street, City of Oshkosh, Winnebago County, Wisconsin.

Approval of Building Site, Roadway Construction, and Access to Campus Drive for The University Village Housing, Inc., UW-Green Bay

Regent Heckrodt reported that the Committee reviewed a request of authority for the officers of the Board to execute agreements required to allow private development of four additional student housing units adjacent to the UW-Green Bay campus and also a request for the UW Foundation to transfer land to the non-profit corporation which would undertake this effort. Resolution 3195 was approved by the Committee, with Regent Gerrard dissenting.

UW-Green Bay - Bldgs + Road - Authority for agreements to allow private development of 4 additional student housing units adjacent to UW-Green Bay campus and for UW Foundation

Upon motion by Regent Heckrodt, seconded by Regent Clusen, the following resolution was adopted by the Board, with Regent Gerrard voting "No."

to transfer land necessary to The University Village Housing, Inc., R 3195 pp 21-22

Resolution 3195: That, upon the recommendation of the UW-Green Bay Chancellor and the President of the University of Wisconsin System, the President or Vice President and Secretary or Assistant Secretary of the Board of Regents be authorized to execute the agreements necessary to accomplish the following:

- (1) To grant permission to The University Village Housing, Inc., to construct, at its expense, 325 lineal feet of roadway from the University Village Apartments parking lot to the UW Foundation property and 100 feet of roadway to connect to the University's Circle Drive;

X ref UW Foundation - same

(2) To permit some of the housing units to be located within 10 feet of the UW-Green Bay property line;

(the exact locations of the roadway extension and housing are identified on the map on file with the official Regent records)

Further, the UW Foundation is requested to transfer necessary land to The University Village Housing, Inc. for the purpose of private development of housing for UW-Green Bay students.

(The University Village Housing, Inc., is a non-profit corporation which exists for the benefit of UW-Green Bay.)

✓ UW-Whitewater - Bldg + Land - Easement approval to DLK Enterprises, Inc., for use in construction of an additional apartment building in the University Inn housing complex.
Approval of Easement, UW-Whitewater
The Committee approved water line and surface water flowage easements to DLK Enterprises, Inc., the private developer of the University Inn housing complex adjacent to the UW-Whitewater campus. The purpose of the easements was to facilitate construction of an additional apartment building. R 3196, p 22

Regent Heckrodt moved adoption by the Board of Resolution 3196. The motion was seconded by Regent O'Harrow and voted unanimously.

Resolution 3196: That, upon the recommendation of the UW-Whitewater Chancellor and the President of the University of Wisconsin System, authority be granted for the President or Vice President and Secretary or Assistant Secretary of the Board of Regents to execute an easement to DLK Enterprises, Inc., which will permit installing, maintaining and replacing a water main and connecting said water main to an existing water hydrant, and allow DLK Enterprises, Inc., to discharge surface waters from its lands over and through an existing drainage ditch on university-owned land to the storm sewer and catch basin also located on university-owned land.

Approval of Minor Projects, UW System

Regent Heckrodt reported that the Committee approved a \$97,750 Camp Randall Stadium emergency lighting system project, \$82,000 for advance planning of \$2,452,000 in handicapped accessibility improvements projects at each campus and selected UW-Extension facilities, and \$200,000 to initiate a handicapped access improvements project for the System.

It was moved by Regent Heckrodt and seconded by Regent O'Harrow that Resolution 3197 be adopted by the Board.

Resolution 3197: That, upon the recommendation of the UW-Madison Chancellor and President of the University of Wisconsin System, the following minor project be approved and authority granted to plan, bid and construct, at the cost and from the funding source indicated:

Bldgs - UW-Madison
approval of emergency lighting system project at Camp Randall Stadium
R 3197, PP 22-24

Approval of
~~Camp Randall Stadium Emergency Lighting System project, \$97,750 (\$68,425 Cap. Imp. Fund Earnings Min. Maint./Health and Safety Alloc.; \$29,325 - Program Revenues)~~

R 3197
PP 22-24

Handicapped Accessibility - Authority for handicapped accessibility improvements

Further, upon the recommendation of the Chancellors and President of the University of Wisconsin System, that authority be granted to seek the release of (1) \$82,000 of State Building Trust Funds-Planning to prepare preliminary plans and specifications and concept and budget reports for Handicapped Accessibility Improvements projects at the following locations, at the estimated costs shown, to be funded from the General Fund Supported Statewide Handicapped Accessibility Allocation:

projects at system campuses,
R 3197, PP 22-24

ref (notation for each campus below:

Authority for handicapped accessibility improvement projects, R 3197, PP 22-24

UW-Eau Claire - <i>Bldgs + Land</i>	\$194,900
UW-Green Bay - "	123,800
UW-LaCrosse - "	171,900
UW-Madison	899,000
UW-Milwaukee - "	77,800
UW-Oshkosh - "	96,100
UW-Parkside - "	96,500
UW-Platteville - "	74,000
UW-River Falls - "	25,400
UW-Stevens Point - "	503,100
UW-Stout - "	20,000
UW-Superior - "	26,000
UW-Whitewater - "	111,500
UW Extension - "	32,000
Total	\$2,452,000

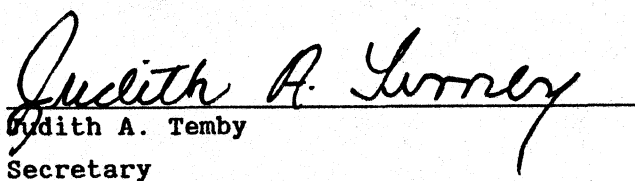
and (2) \$200,000 of State Building Trust Funds for a Small Handicapped Access Improvements Projects program, with the funds to be administered and released by UW System Administration for projects costing less than \$30,000.

In discussion at the Board meeting, Regent Fish noted that an energy modifications project involving Camp Randall had been deferred to a future meeting and asked if there would be savings in making the lighting system alterations at the same time.

It was indicated by Vice President Winter that the lighting project was needed at this time to meet safety requirements of the State Building Code.

Put to the vote, Resolution 3197 was unanimously adopted.

There was no closed session of the Board, and the meeting was adjourned at 10:45 a.m.


Judith A. Temby
Secretary

November 23, 1984

GIFTS, GRANTS AND CONTRACTS
NOV 09, 1984

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

1. PROF. RAY LEWIS WHITE
NORMAL, ILLINOIS
CORRECTED GALLEY PROOFS OF VIDAL'S
WASHINGTON, D.C.
GIFT-IN-KIND
MSN L&S COMMUN ARTS FLM&THEA R
2. HEWLETT-PACKARD CO.
PALO ALTO, CA
HP-8970A (NOISE FIGURE METER) & HP-346C (NOISE
SOURCE)
GIFT-IN-KIND
MSN ENGR ELEC & COMP ENGR
3. BURDICK CORPORATION
MILTON, WI
334 BOXES OF PART NUMBER 047860 AND 310 BOXES OF
PART NUMBER 047861 ELECTRODES
GIFT-IN-KIND
MSN ENGR ELEC & COMP ENGR
4. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
VAN TO BE USED FOR ATHLETIC DEPARTMENT BUSINESS
GIFT-IN-KIND
MSN ATH GENERAL OPERATNS ADMIN
5. XEROX CORPORATION
EL SEGUNDO, CALIFORNIA
30 COMPUTER WORKSTATIONS AND SUPPORT
EQUIPMENT
GIFT IN KIND
MSN L&S COMPUTER SCI
6. NIKON, INC. -GARDEN CITY, N.Y.
SMZ-1, ZOOM STEREO MICROSCOPE SERIAL NO. 125661
AND ALPHAPHOT, FULL-FEATURED BINOCULAR MICROSCOPE
SERIAL NO. 123491
GIFT IN KIND
MSN HS-MED MED SCH ED PROGS CURRIC-YR2
7. PROF. ROBERT L. TOTTINGHAM
MADISON, WI
TEN BOOKS IN JOURNALISM AND EDUCATION
GIFT IN KIND
MSN LIBR GENERAL LIBRARY
8. FRED FOSTER
MIDDLETON, WISCONSIN
COMPUTERIZED LIGHTING CONTROL SYSTEM
GIFT IN KIND
MSN L&S THEATRE & DRAMA
9. CBI INDUSTRIES, INC.
PLAINFIELD, IL
MULTI-CHANNEL DATA ACQUISITION SYSTEM
GIFT IN KIND
MSN ENGR ENGR EXPER STA STRUCT&M T

GIFTS, GRANTS AND CONTRACTS
NOV 09, 1984

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

10. MS. KAY STEWART
WASHINGTON, IA
2,012 VOLUMES AND 33 ISSUES OF WISDOM
GIFT IN KIND
MSN LIBR GENERAL LIBRARY
11. MR. MICHAEL SANDERS
GREEN BAY, WISCONSIN
MOCK-UP OF SOUTHEASTERN RECREATION FACILITY
GIFT IN KIND
MSN INTR R ADMINISTRATION
12. WISCONSIN CROP IMPROVEMENT
MADISON, WI
5 WHEEL TRAILER
GIFT IN KIND
MSN AG&LSC AGRONOMY

INSTRUCTION

1. AGRICULTURE, DEPT. OF
WASHINGTON, DC
NATIONAL NEEDS FELLOWSHIPS IN MARKETING
FOR THE PERIOD 09-15-84 THROUGH 09-30-86
AWARD # 84-GRAD-9-0004
MSN AG&LSC AG ECONOMICS (144-W087) 93,432.00
2. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) CONTINUING EDUCATION: ASSESSMENT AND
NETWORKING IN REGION V
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # MCJ-009066-01-0
MSN HS-NUR (144-W099) 52,681.00
- 2) GENETICS EDUCATION: MATERNAL/CHILD HEALTH
PROFESSIONALS
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # MCJ-009067-01-0
MSN GRAD WAISMAN CENTER (144-W100) 27,073.00
3. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
RESEARCH TRAINING PROGRAM IN SENSORY PHYSIOLOGY
AND BIOPHYSICS
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AT A TOTAL COST OF \$64,178.00
AWARD # 5 T32 NS07026-09, MOD. 2
MSN HS-MED NEUROPHYSIOLOGY (144-U438) 1,728.00
4. DOD, NAVY
CHARLESTON, SC
EDUCATIONAL SERVICES TO CARRY OUT THE NAVAL
RESERVE OFFICER'S TRAINING CORPS PROGRAM FOR A
PERIOD BEGINNING OCT. 1, 1984.
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # NO0612-85-G-0063
MSN 235,000.00

GIFTS, GRANTS AND CONTRACTS
NOV 09, 1984

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

5.	AMERICAN ECONOMIC ASSOCIATION NASHVILLE, TN COMMITTEE ON THE STATUS OF MINORITIES IN THE ECONOMICS PROFESSION - SUMMER PROGRAM MSN L&S ECONOMICS (133-F965)	10,000.00
6.	OFFICE OF THE STATE PUBLIC DEFENDER MADISON, WI TRAINING PROGRAM FOR THE PERIOD 08-27-84 THRU 05-26-85 MSN L&S SOCIAL WORK (133-H515)	11,883.97
7.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 10-01-84 THRU 02-02-85 AWARD # 84-1 KAWAMOTO MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-H551)	2,200.00
8.	MULTIPLE DONORS SUPPORT AGRICULTURAL ECONOMICS GRADUATE TRAINING PROGRAM MSN AG&LSC AG ECONOMICS (133-3859)	462.35
9.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VIRGIL E HERRICK MEMORIAL LECTURE FUND MSN EDUC (133-4440)	1,000.00
10.	NATIONAL CONFECTIONERS ASSOCIATION CHICAGO, IL DEFRAY COST OF CONDUCTING THE ANNUAL CONFECTIONER'S SHORT COURSE MSN AG&LSC FOOD SCIENCE (133-8131)	6,300.00

LIBRARIES

1.	MUTUAL BENEFIT LIFE NEWARK, NJ WILFORD A RISTEEN-DISTRIBUTION OF BEQUEST RISTEEN, FLORA SCHRANKEL--LIBRARY FUND MSN HS-NUR ADMINISTRATION ADMIN (TRUST)	4,382.88
2.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUMNER MEMORIAL LIBRARY FUND MSN AG&LSC AG JOURNALISM (133-D145)	600.00
3.	MULTIPLE DONORS FRIENDS OF THE STEENBOCK LIBRARY MSN LIBR STEENBOCK AG LIB (133-E402)	47.50
4.	THOMAS (FRED L) MADISON, WI PURCHASE OF LIBRARY MATERIALS AND SUPPLIES MSN LIBR GENERAL LIBRARY (133-F543)	1,000.00

GIFTS, GRANTS AND CONTRACTS
NOV 09, 1984

UNIVERSITY OF WISCONSIN - MADISON

LIBRARIES

5. MULTIPLE DONORS
FRIENDS OF THE CENTER FOR LIMNOLOGY LIBRARY FUND
MSN L&S LIMNOLOGY CTR (133-F972) 49.50
6. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
UNRESTRICTED FUND FOR ENGINEERING PUBLICATIONS
MSN ENGR LIBRARY PUBLICATNS (133-H271) 5,000.00
7. ISIS - HISTORY OF SCIENCE SOCIETY
PHILADELPHIA, PA
CRITICAL BIBLIOGRAPHY OF THE HISTORY OF SCIENCE
AND ITS CULTURAL INFLUENCES
MSN L&S HISTORY OF SCI (133-7202) 5,700.25

MISCELLANEOUS

1. FIRST WISCONSIN-MADISON
MADISON, WI
SCHORGER, A. W. TRUST
SCHORGER, A. W.--WILDLIFE ECOLOGY
MSN AG&LSC N R-WILDLIF ECOL (TRUST) 10,782.29
2. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
SULLIVAN, DR. WALTER--MEDICAL SCHOOL
MSN HS-MED (TRUST) 1,450.00
3. "AT THE REQUEST OF THE DONOR THE TERMS
BE MODIFIED TO ALLOW FOR PURCHASE OF A
PLAQUE TO BE GIVEN TO THE AWARD RECIPIENT."
HART, VIRGINIA--VIRGINIA PUBLIC SERVICE
RECOGNITION AWARD
MSN L&S PUBL POL&ADM RES (TRUST)
4. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
MEDICAL SCHOOL RENOVATION PROJECT FUND
MSN HS-MED ADMINISTRATION DEANS OFFC (TRUST) 24,000.00
5. MULTIPLE DONORS
MUTCHLER, IAN--MEMORIAL FUND
MSN HS-MED (TRUST) 110.00
6. SHELL COMPANIES FOUNDATION
HOUSTON, TX
FUND IS AVAILABLE TO SUPPORT PROFESSOR
PATRICK D. MCMAHON OVER A THREE YEAR PERIOD
CHEMICAL ENGINEERING--SHELL FACULTY CAREER
INITIATION FUND (MCMAHON)
MSN ENGR CHEMICAL ENGR (TRUST) 20,000.00
7. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
FUND AVAILABLE FOR USE IN THE DEPARTMENT
AS DIRECTED BY THE CHAIRMAN
DEPARTMENT OF MEDICINE--CHAIRMAN'S RESEARCH
AND DEVELOPMENT FUND
MSN HS-MED MEDICINE (TRUST) 25,000.00

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8. AGRICULTURE, DEPT. OF
MILWAUKEE, WI
BIOMEDICS/COMPUTERS IN FOREST MANAGEMENT
FOR THE PERIOD 10-02-84 THROUGH 08-31-85
AWARD # 53-56A1-5-01045
MSN AG&LSC N RSRC-FORESTRY (144-W074) 29,951.79
9. EDUCATION, DEPT OF
WASHINGTON, DC
RENOVATION OF TEXTILE STORAGE AND
DOCUMENTATION OF CONSERVATION NEEDS
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # IC-40120-84
MSN FR&CS FAM RSRC&CNSM SC (144-W085) 5,151.00
10. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
WISCONSIN VOCATIONAL STUDIES CENTER:
CURRICULUM DISSEMINATION COMPONENT
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 20-101-150-315
MSN EDUC WIS VOC STU CTR W VOC ST C (144-U641) 25,000.00
11. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
WISCONSIN VOCATIONAL STUDIES CENTER:
RESEARCH COMPONENT
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 20-102-150-315
MSN EDUC WIS VOC STU CTR W VOC ST C (144-U642) 25,000.00
12. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
WISCONSIN VOCATIONAL EDUCATOR MAGAZINE
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 20-103-150-315
MSN EDUC WIS VOC STU CTR W VOC ST C (144-U644) 14,534.00
13. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
UPDATE AND PRODUCTION OF WISCONSIN NUTRITION
EDUCATION AND TRAINING PROGRAM'S SUGGESTED
RESOURCE LIST
FOR THE PERIOD 09-24-84 THROUGH 08-15-85
AWARD # P.O. PAE-01120
MSN L&S LIB&INF ST (144-W069) 4,485.00
14. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
TERTIARY CARE PROGRAM FOR CHRONICALLY
HANDICAPPED CHILDREN
FOR THE PERIOD 10-01-84 THROUGH 03-31-85
AWARD # P.O. #PAE 01191
MSN GRAD WAISMAN CENTER (144-W084) 103,150.00

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15. DHHS, OFFICE OF HUMAN DEVELOPMENT SERVICES
KANSAS CITY, MO
UNIVERSITY AFFILIATED FACILITY - ADMINISTRATION
AND OPERATIONS
FOR THE PERIOD 06-30-84 THROUGH 06-29-85
AT A TOTAL COST OF \$200,000.00
AWARD # 07DD0273/13, MOD. 1
MSN GRAD WAISMAN CENTER (144-U515) 50,000.00
16. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN
ROCKVILLE, MD
NATIONWIDE ERYTHROCYTE PROTOPORPHYRIN PROFICIENCY
TESTING PROGRAM
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # MCJ-553143-03-0
MSN HS-HYG DNR, HSS PROJS E P P TEST (144-W106) 55,474.00
17. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
THIRD INTERNATIONAL WORKSHOP ON RENAL
INSUFFICIENCY IN CHILDREN
FOR THE PERIOD 09-01-84 THROUGH 08-31-85
AWARD # 1 R13 AM34590-01
MSN HS-MED PEDIATRICS (144-W077) 1,016.00
18. FERMI NATIONAL ACCELERATOR LABORATORY
BATAVIA, IL
PRIME CONTRACTOR WITH DOE
FERMILAB'S SUPERCONDUCTING WIRE PROGRAM
FOR THE PERIOD 09-01-83 THROUGH 09-30-84
AT A TOTAL COST OF \$65,551.77
AWARD # P.O. 93582
MSN ENGR ENGR EXPR STA SUPRCONDCT (144-T772) 3,809.77
19. GOVERNOR'S EMPLOYMENT & TRAINING OFFICE
MADISON, WI
PRIME CONTRACTOR WITH LABOR
MAINTENANCE OF A CENTRAL CLEARINGHOUSE AND
DISSEMINATION PROCESS OF JOB TRAINING RELATED
INFORMATION
FOR THE PERIOD 07-01-84 THROUGH 12-31-84
AWARD # 6P-85-33
MSN EDUC WIS VOC STU CTR W VOC ST C (144-U646) 25,000.00
20. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
FOOD FOR THOUGHT
FOR THE PERIOD 09-01-84 THROUGH 05-31-85
AWARD # FY82-114 (L)
MSN HS-MED ADMINISTRATION DEANS OFFC (144-W046) 935.00
21. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:

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1)	ENHANCING INTERACTIVE TEACHING AND LEARNING IN THE PRE-COLLEGE CLASSROOM (CHEMISTRY) FOR THE PERIOD 09-01-84 THROUGH 02-28-86 AWARD # DPE-8470162 MSN L&S CHEMISTRY	(144-U444)	459,194.00
2)	CONFERENCE AND WORKSHOP ON NEUTRINO MASS AND POSSIBLE NEW PHYSICS AT LOW ENERGY; CABLE, WISCONSIN FOR THE PERIOD 10-01-84 THROUGH 09-30-85 AWARD # PHY-8411667 MSN L&S PHYSICS	(144-W105)	5,500.00
22.	VETERANS ADMIN MADISON, WI IN SUPPORT OF THE FOLLOWING:		
1)	SCARCE MEDICAL SPECIALIST SERVICES CONTRACT FOR THE PERIOD 10-01-83 THROUGH 09-30-84 AT A TOTAL COST OF \$204,000.35 AWARD # V607P-891, MOD. 2 MSN HS-MED RADIOLOGY	(144-T863)	2,097.67
2)	SPECIALIZED MEDICAL RESOURCES-RADIOLOGY FOR THE PERIOD 10-01-84 THROUGH 09-30-85 AWARD # V607P-950 MSN HS-MED RADIOLOGY	(144-W072)	180,943.67
23.	UNIVERSITY SURGICAL ASSOCIATES MADISON, WI SUPPORT AUDIOLOGIST MSN HS-MED SURGERY	(133-A013)	10,930.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT OPERATION OF THE DEPARTMENT OF FAMILY MEDICINE AND PRACTICE MSN HS-MED FAM MED & PRACT	(133-A523)	33,500.00
25.	UNIVERSITY PEDIATRIC ASSOCIATES MADISON, WI DEPARTMENT OF PEDIATRICS CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-A528)	31,000.00
26.	INLAND STEEL-RYERSON FOUNDATION, INC. CHICAGO, IL UNRESTRICTED GRANT FOR THE DEPARTMENT OF MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR	(133-A694)	1,500.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT FOR THE CHAIRMAN OF CIVIL ENVIRONMENTAL ENGINEERING MSN ENGR CIVIL & ENV ENGR	(133-A723)	1,100.00

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28.	MULTIPLE DONORS DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS (133-A751)	325.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRIENDS OF THE ELVEHJEM ART CENTER MSN L&S ELVJM MUSEUM ART (133-B163)	10,000.00
30.	MULTIPLE DONORS COLLEGIATE DAIRY PRODUCTS JUDGING TEAM SUPPORT MSN AG&LSC FOOD SCIENCE (133-B181)	500.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HERBARIUM EXPENSES MSN L&S BOTANY (133-B291)	2,500.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SALARY SUPPORT FOR FRIENDS OF THE ARBORETUM COORDINATOR MSN ARBOR ARBORETUM (133-B663)	3,378.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN LIONS EYE BANK- SPECIAL ACCOUNT MSN HS-HSP ADMINISTRATION ADMIN (133-C007)	5,000.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL ENGINEERING PROGRAM MSN ENGR ENGR EXPER STA EL&COMPUT (133-C932)	11,700.00
35.	ATLANTIC RICHFIELD COMPANY LOS ANGELES, CA UNRESTRICTED GRANT FOR USE IN THE FIELD OF GEOPHYSICS MSN L&S GEOL & GEOPHYSICS GEO&POL R (133-D372)	2,000.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTS OUTREACH MSN OUTRCH PUB SV-ARTS OUTR (133-D560)	4,000.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT MSN L&S COMPUTER SCI (133-D865)	9,000.00
38.	MONSANTO COMPANY ST. LOUIS, MO UNRESTRICTED GRANT TO THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-D910)	3,000.00

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39.	ETHYL CORPORATION RICHMOND, VA CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR	(133-D951)	2,500.00
40.	MULTIPLE DONORS DISCRETIONARY ACCOUNT IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E253)	100.00
41.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF NEUROLOGY MSN GRAD WAISMAN CENTER	(133-E354)	325.00
42.	MULTIPLE DONORS ASHLAND EXPERIMENT STATION SPECIAL EVENTS ACCOUNT MSN AG&LSC EXPER ST-ASHLAND	(133-E536)	1,050.00
43.	ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E647)	
	1,760.00 UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI		
	880.00 MULTIPLE DONORS		
			2,640.00
44.	UNIVERSITY ONCOLOGISTS MADISON, WI SUPPORT ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-E649)	2,500.00
45.	MULTIPLE DONORS MEDIA LAW CONFERENCE MSN L&S JOURN & MASS COM	(133-E663)	365.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MAIER FACULTY DEVELOPMENT AWARD MSN L&S JOURN & MASS COM	(133-E716)	5,000.00
47.	EASTMAN KODAK COMPANY ROCHESTER, NY UNRESTRICTED GRANT TO THE DEPARTMENT OF CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR	(133-E747)	1,000.00
48.	MULTIPLE DONORS LYLE WHITEHEAD MEMORIAL FUND MSN HS-HSP ADMINISTRATION ADMIN	(133-E774)	773.00

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49.	WISCONSIN YOUTH SYMPHONY ORCHESTRAS MADISON, WI TEACHING ASSISTANT SUPPORT MSN L&S SCHOOL OF MUSIC	(133-E838)	1,679.92
50.	DEPARTMENT OF GEOLOGY AND GEOPHYSICS CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S GEOL & GEOPHYSCS	(133-E941)	
	50,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	700.00 MULTIPLE DONORS		
			50,700.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EXXON FACULTY ASSISTANCE GRANT MSN ENGR CHEMICAL ENGR	(133-F086)	20,000.00
52.	UNIVERSITY HOSPITAL INTERNISTS MADISON, WI UNIVERSITY HOSPITAL INTERNISTS' PROGRAM SUPPORT MSN HS-MED MEDICINE	(133-F102)	91,800.00
53.	MULTIPLE DONORS WISCONSIN PUBLIC UTILITIES INSTITUTE MSN BUS SCH OF BUSINESS	(133-F507)	1,225.00
54.	MULTIPLE DONORS ANALYTICAL SERVICE ACCOUNT MSN HS-PHR PHARMACY	(133-F529)	80.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JOHN G. SCHUTZ EXCELLENCE IN MARKETING AWARD MSN BUS SCH OF BUSINESS	(133-F636)	369.90
56.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-F665)	1,400.00
57.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-F666)	1,400.00
58.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-F667)	1,400.00

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59.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU (133-F668)	1,400.00
60.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU (133-F669)	1,000.00
61.	MULTIPLE DONORS SUPPORT ACTIVITIES OF PULMONARY MEDICINE MSN HS-MED MEDICINE PULMON MED (133-F698)	275.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY FUND MSN FR&CS FAM RSRC&CNSM SC (133-F709)	7,230.02
63.	AMERICAN CYANAMID COMPANY WAYNE, NJ UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-F720)	3,000.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT FOR THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-F963)	10,000.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INTERNATIONAL SPOUSE VOLUNTEER INTERNSHIP PROGRAM OF THE OFFICE FOR FOREIGN STUDENTS AND FACULTY MSN AC SVC FOR STU&FAC ADVS (133-G039)	50.00
66.	OWENS-CORNING FIBERGLASS GRANVILLE, OH GRADUATE FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY (133-G234)	15,000.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT FOR THE ORGANIC CHEMISTRY DIVISION OF THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-G483)	1,000.00
68.	NATIONAL CONSORTIUM FOR GRADUATE DEGREES FOR MINORITIES IN ENGINEERING, INC. NOTRE DAME, IN 1984-5 GEM FELLOWSHIP PROGRAM MSN GRAD (133-G513)	14,917.00

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69.	MULTIPLE DONORS F4/6 NURSING UNIT FURNISHINGS MEMORIAL FUND MSN HS-HSP ADMINISTRATION ADMIN (133-G519)	500.00
70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SIGN, SYMBOL, SCRIPT EXHIBIT MSN L&S HEBREW & SEM STU (133-G580)	4,500.00
71.	MULTIPLE DONORS IEEE EDITOR FUNCTIONS MSN ENGR ENGR EXPER STA EL&COMPUT (133-G607)	500.00
72.	MULTIPLE DONORS DISCRETIONARY FOR USE OF PHYSIOLOGISTS IN BOTANY MSN L&S BOTANY (133-G608)	80.00
73.	UNIVERSITY HEALTH CARE, INC. MADISON, WI QUALITY ASSURANCE, MONITORING AND COORDINATION OF MEDICAL CARE ACTIVITIES MSN HS-MED MEDICINE (133-G652)	2,518.42
74.	EASTMAN KODAK COMPANY ROCHESTER, NY DISCRETIONARY GRANT FOR COLLEGE OF LETTERS AND SCIENCE WHICH HAS STUDENTS IN THE KODAK SCHOLARS' PROGRAM MSN L&S ADMINISTRATION (133-G693)	300.00
75.	EASTMAN KODAK COMPANY ROCHESTER, NY DISCRETIONARY GRANT FOR SCHOOL OF BUSINESS WHICH HAS STUDENTS IN THE KODAK SCHOLARS' PROGRAM MSN BUS SCH OF BUSINESS (133-G694)	300.00
76.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISABLED PERSONS ON CAMPUS FUND MSN G E A DEAN OF STUDENTS PR DISABLD (133-G743)	638.40
77.	MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL ACTIVITIES COLUMBUS, OH INTERNATIONAL TRAVEL AND RELATED ACTIVITIES FOR THE PERIOD 06-24-82 THRU 06-30-84 AWARD # AF1017 MSN G E A INTL STU & PROGS (133-G801)	3,000.00
78.	MULTIPLE DONORS SPINA BIFIDA PROGRAM MSN HS-HSP ADMINISTRATION ADMIN (133-G881)	65.00
79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-G952)	3,800.00

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80.	WISC DEPT OF NATURAL RESOURCES MADISON, WI CHAIRMAN'S DISCRETIONARY ACCOUNT MSN AG&LSC NR-LANDSCAP ARCH	(133-G984)	1,000.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CONSERVATION OF VAN VLECK PRINTS MSN L&S ELVJM MUSEUM ART	(133-G989)	9,000.00
82.	MULTIPLE DONORS DISCRETIONARY ACCOUNT IN THE DEPARTMENT OF PHYSICAL EDUCATION & DANCE MSN EDUC PHYS ED & DANCE	(133-H031)	350.00
83.	PROJECT ACRONYM/MCBURNEY RESOURCE CENTER MSN G E A DEAN OF STUDENTS PR DISABLD	(133-H306)	
	2,500.00 WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI		
	500.00 MULTIPLE DONORS		
			3,000.00
84.	STATE PUBLIC DEFENDER'S OFFICE MADISON, WI LEGAL DEFENSE PROGRAM AT A \$60,000 LEVEL MSN LAW LAW SCHOOL	(133-H389)	20,000.00
85.	MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL ACTIVITIES COLUMBUS, OH DISCRETIONARY FUNDS FOR LIAISON OFFICER COMMUNICATION ACTIVITY FOR THE PERIOD 07-01-84 THRU 05-30-85 MSN G E A INTL STU & PROGS	(133-H552)	5,000.00
86.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPLIES, EQUIPMENT AND MISCELLANEOUS EXPENSES MSN L&S ECONOMICS	(133-H571)	2,000.00
87.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI RESEARCH AND INSTRUCTION IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-H602)	1,400.00
88.	AMERICAN NUCLEAR SOCIETY LA GRANGE PARK, IL COLLEGE UNDERGRADUATE RECRUITMENT EFFORT PROGRAM MSN ENGR ENGR EXPR STA NUCL ENGR	(133-H694)	3,000.00
89.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS	(133-0179)	
	1,000.00 MACY (R H) & CO., INC. NEW YORK, NY		
	200.00 MULTIPLE DONORS		
	5,894.60 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	15,560.00 BANK ADMINISTRATION INSTITUTE ROLLING MEADOWS, IL		
	1,500.00 FEDERAL NATIONAL MORTGAGE ASSOCIATION CHICAGO, IL		

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89.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS (133-0179)	
	11,785.68 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
		35,940.28
90.	MADISON CIVIC MUSIC ASSOCIATION MADISON, WI SCHOOL OF MUSIC CHAIRMAN'S DISCRETIONARY FUND MSN L&S SCHOOL OF MUSIC (133-0199)	3,168.00
91.	MULTIPLE DONORS NEUROSURGERY RESEARCH MSN HS-MED SURGERY (133-3254)	81.00
92.	ATLANTIC RICHFIELD FOUNDATION LOS ANGELES, CA DEPARTMENT OF GEOLOGY & GEOPHYSICS CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOL & GEOPHYSICS (133-4575)	4,000.00
93.	UNION CARBIDE CORPORATION DANBURY, CT UNRESTRICTED GRANT FOR CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR (133-5929)	8,000.00
94.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND MSN ENGR ADMINISTRATION (133-6370)	10,692.72
95.	EMERSON ELECTRIC COMPANY SANTA ANA, CA DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING UNRESTRICTED GRANT MSN ENGR ELEC & COMP ENGR (133-6718)	5,665.00
96.	HULTSCH (DR. ERWIN) MADISON, WI SUPPORT ACTIVITIES OF THE DEPARTMENT OF OPHTHALMOLOGY MSN HS-MED OPHTHALMOLOGY (133-6979)	1,321.00
97.	MELEGARI (ALICIA) MADISON, WI DEPARTMENT OF PLANT PATHOLOGY CHAIRMAN'S UNRESTRICTED ACCOUNT MSN AG&LSC PLANT PATHOLOGY (133-7243)	2,270.67
98.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LONGENECKER HORTICULTURAL AREAS DEVELOPMENT FUND MSN ARBOR ARBORETUM (133-7854)	150.00

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99.	SENSORY AND CHEMICAL PROPERTIES OF FOOD FLAVORS MSN AG&LSC FOOD SCIENCE	(133-8343)	
	1,050.00	DEAN FOODS FRANKLIN PARK, IL	
	675.00	MULTIPLE DONORS	
	1,700.00	UNIVERSAL FOODS CORPORATION MILWAUKEE, WI	
	1,025.00	MULTIPLE DONORS	
	750.00	MULTIPLE DONORS	
			5,200.00
100.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GEOLOGY & GEOPHYSICS CHAIRMAN'S DISCRETIONARY GRANT FOR CHARITABLE, EDUCATIONAL OR SCIENTIFIC PURPOSES MSN L&S GEOL & GEOPHYSICS	(133-8797)	2,000.00
101.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENVIRONMENTAL AWARENESS CENTER DEVELOPMENT FUND MSN AG&LSC N R-ENVIR AWARE	(133-8925)	40.00
102.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF JOURNALISM AND MASS COMMUNICATION DISCRETIONARY ACCOUNT MSN L&S JOURN & MASS COM	(133-9465)	130.00
103.	MULTIPLE DONORS WAISMAN CENTER ON MENTAL RETARDATION AND HUMAN DEVELOPMENT FUND MSN GRAD WAISMAN CENTER	(133-9545)	5.00
104.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI SUPPORT FAMILY PHYSICIANS RESIDENCIES AT RURAL CLINICS MSN HS-MED FAM MED & PRACT	(133-9582)	60,000.00
105.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MINORITIES PROGRAM MSN L&S JOURN & MASS COM	(133-9632)	1,000.00

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 09-15-84 AWARD # 5-5-00378-0 MSN UNIT-W DEBT SV AC BLDGS	(144-H015)	56,535.00

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PHYSICAL PLANT

2) INTEREST SUBSIDY GRANT FOR COMMUNICATION ARTS BUILDING FOR THE PERIOD 07-01-72 THROUGH 09-15-84 AWARD # 5-5-00438-0 MSN UNIT-W DEBT SV AC BLDGS	(144-J407)	49,148.00
2. WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI UNIVERSITY RESEARCH PARK MSN G E A UNIVERSITY ADMIN CHANCELLOR	(135-0087)	250,000.00
3. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI REMODEL OUTDOOR RUNNING TRACK MSN ATH GENERAL OPERATNS ADMIN	(133-H555)	77,000.00
4. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WAISMAN CENTER CLASSROOM REMODELING MSN GRAD WAISMAN CENTER	(133-H566)	26,000.00
5. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI OBSERVATORY DRIVE PEDESTRIAN OVERLOOK/ SITTING AREA MSN G SERV PLANNING & CONST PLAN&CONST	(133-H573)	40,000.00

RESEARCH

1. DATA GENERAL CORPORATION WESTBORO, MA SELF-STUDY LICENSE AGREEMENT MSN ENGR ENGR EXPER STA CMPTR-AID		
2. DIGITAL EQUIPMENT CORPORATION MAYNARD, MA SPECIAL INVESTMENT GRANT PROGRAM FOR INSTRUCTIONAL PRODUCTIVITY MSN ENGR ENGR EXPER STA INDUS ENGR		
3. WISC DEPT OF NATURAL RESOURCES MADISON, WI SANDHILL WILDLIFE DEMONSTRATION AREA RESEARCH MSN AG&LSC N R-RECR RSCRC C		
4. GENERAL ELECTRIC COMPANY WAUKESHA, WI MR RESEARCH AND CLINICAL INVESTIGATION MSN HS-MED RADIOLOGY DIAGNOSTIC		
5. MULTIPLE DONORS WARREN, ESTELLE R.--DAIRY SCIENCE RESEARCH MSN AG&LSC DAIRY SCIENCE	(TRUST)	2,371.85

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- | | | | |
|-----|--|----------------------|------------|
| 6. | MULTIPLE DONORS
IMMUNOMODULATOR RESEARCH FUND
MSN HS-MED HUMAN ONCOLOGY | (TRUST) | 15.00 |
| 7. | SMITH KLINE & FRENCH LABORATORIES
PHILADELPHIA, PA
ANTIBIOTIC RESEARCH FUND
MSN HS-MED MEDICINE | INFECT DIS (TRUST) | 200,900.00 |
| 8. | NORWEST BANK MINNEAPOLIS, N.A.
MINNEAPOLIS, MN
LYNUM, EDITH H.
LYNUM, EDITH H.--MEDICAL RESEARCH FUND
MSN HS-MED | (TRUST) | 2,230.10 |
| 9. | MULTIPLE DONORS
NEUROLOGY DEPARTMENT RESEARCH FUND
MSN HS-MED NEUROLOGY | (TRUST) | 1,695.00 |
| 10. | MONSANTO COMPANY
ST. LOUIS, MO
FUND IS AVAILABLE TO HELP SUPPORT BASIC RESEARCH
UNDER THE DIRECTION OF DR. ALAN POLAND.
CANCER RESEARCH AT THE MCARDLE LAB
MSN HS-MED ONCOLOGY | (TRUST) | 50,000.00 |
| 11. | ENCYCLOPAEDIA BRITANNICA
CHICAGO, IL
SCHOOL OF EDUCATION--WISCONSIN CENTER FOR
EDUCATION RESEARCH
MSN EDUC GENERAL ADMIN DEANS OFF | (TRUST) | 1,746.04 |
| 12. | MULTIPLE DONORS
WISCONSIN CLINICAL CANCER CENTER--RESEARCH
MSN HS-MED HUMAN ONCOLOGY | (TRUST) | 3,455.00 |
| 13. | MULTIPLE DONORS
JOHNSON, R. O.--LECTURESHIP
MSN HS-MED HUMAN ONCOLOGY | (TRUST) | 25.00 |
| 14. | AGRICULTURE, DEPT. OF
AMES, IA
IN SUPPORT OF THE FOLLOWING: | | |
| 1) | WILD POTATO (SOLANUM) GERMPLASM EXPLORATION INTO
MEXICO
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # P O #43-6125-4-4221
MSN AG&LSC RESEARCH DIV | (144-W018) | 8,500.00 |
| 2) | CELLULAR INTERACTIONS AND IMMUNE RESPONSE
MECHANISMS IN BRUCELLA INFECTED AND IMMUNIZED
CATTLE
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # 58-6125-5-2
MSN AG&LSC VETERINARY SCI | (144-W048) | 65,000.00 |

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15. AGRICULTURE, DEPT. OF
ATHENS, GA
IMPROVING SAFETY OF CIGAR TOBACCO BY GENETIC
PRINCIPLES AND CULTURAL PRACTICES
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # 58-7B30-3-523, MOD. 3
MSN AG&LSC HORTICULTURE (144-W050) 2,000.00
16. AGRICULTURE, DEPT. OF
BELTSVILLE, MD
AMINO ACID STRUCTURE AND BIOLOGICAL
CHARACTERIZATION OF BOVINE PLACENTAL LACTOGEN
FOR THE PERIOD 09-20-84 THROUGH 09-30-87
AWARD # 58-32U4-4-776
MSN AG&LSC DAIRY SCIENCE (144-W020) 50,000.00
17. AGRICULTURE, DEPT. OF
HYATTSVILLE, MD
EVALUATION OF ALFALFA WEEVIL BIOCONTROL PROGRAM
AND ALFALFA WEEVIL STRAIN IDENTIFICATION
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # 12-16-81-008
MSN AG&LSC ENTOMOLOGY (144-W075) 38,800.00
18. AGRICULTURE, DEPT. OF
MINNEAPOLIS, MN
IN SUPPORT OF THE FOLLOWING:
- 1) DNA TRANSFORMING SYSTEMS IN PLANT PATHOGENS FUNGI
FOR THE PERIOD 09-16-83 THROUGH 09-30-87
AT A TOTAL COST OF \$95,211.00
AWARD # 58-519B-3-1247, MOD. 1
MSN AG&LSC PLANT PATHOLOGY (144-T845) 55,200.00
- 2) DEVELOPMENT OF MOLECULAR BIOLOGY MEANS FOR
INCORPORATING DISEASE RESISTANCE IN POTATOES
FOR THE PERIOD 09-27-84 THROUGH 09-30-87
AWARD # 58-5759-4-17
MSN AG&LSC PLANT PATHOLOGY (144-W059) 136,000.00
19. AGRICULTURE, DEPT. OF
PEORIA, IL
IN SUPPORT OF THE FOLLOWING:
- 1) PATHOLOGICAL SUPPORT SERVICES TO THE INTER-
REGIONAL POTATO INTRODUCTION
FOR THE PERIOD 09-15-83 THROUGH 09-30-85
AT A TOTAL COST OF \$53,576.00
AWARD # 58-519B-3-1250, MOD. 1
MSN AG&LSC PLANT PATHOLOGY (144-T833) 30,076.00
- 2) DISEASE RESISTANCE IN CARROTS, ONIONS, AND
CUCUMBERS AND DEVELOPMENT OF RESISTANT BREEDING
MATERIALS
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # 58-519B-9-812
MSN AG&LSC PLANT PATHOLOGY (144-W051) 12,000.00

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- 3) CHEMICAL GENETICS OF GLUCOSINULATES IN BRASSICA
AND RAPHANUS
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # 12-14-3001-758
MSN AG&LSC PLANT PATHOLOGY (144-W052) 18,400.00
- 4) ENVIRONMENTAL FACTORS AFFECTING FUSARIUM EAR ROT
AND TOXIN CONTAMINATION OF CORN IN FIELD AND
STORAGE
FOR THE PERIOD 09-25-84 THROUGH 09-30-85
AWARD # 58-5114-4-6003
MSN AG&LSC PLANT PATHOLOGY (144-W073) 26,560.00
20. AGRICULTURE, DEPT. OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) COOPERATIVE AGRICULTURAL RESEARCH IN WISCONSIN
FOR THE PERIOD 07-01-79 THROUGH 09-30-85
AT A TOTAL COST OF \$7,507,949.30
AWARD # 12-14-3001-258, MOD. 1
MSN AG&LSC (144-N196) 1,476,000.00
- 2) METHODOLOGY FOR COMMUNITY NEEDS ASSESSMENT
FOR THE PERIOD 09-27-82 THROUGH 09-30-85
AT A TOTAL COST OF \$12,500.00
AWARD # 58-319S-2-0490X, MOD. 2
MSN AG&LSC RURAL SOCIOLOGY (144-S660) 1,500.00
- 3) ANALYSIS OF TREE IMPROVEMENT RESEARCH IMPACTS
FOR THE PERIOD 08-01-84 THROUGH 01-31-86
AWARD # 58-3159-4-29
MSN AG&LSC N RSRCS-FORESTRY (144-W083) 12,000.00
21. AGRIC, FOREST SERVICE
MADISON, WI
IN SUPPORT OF THE FOLLOWING:
- 1) DETERMINATION OF BIOCHEMICAL PATHWAYS IN THE
FERMENTATION OF D-XYLOSE BY YEASTS
FOR THE PERIOD 09-15-84 THROUGH 10-31-85
AWARD # FP-84-0667
MSN AG&LSC BACTERIOLOGY (144-W023) 25,450.00
- 2) RECOVERY OF CHEMICALS FROM HEMICELLULOSE
FOR THE PERIOD 09-17-84 THROUGH 09-16-85
AWARD # FP-84-0662
MSN ENGR ENGR EXPER STA CHEM ENGR (144-W026) 15,000.00
- 3) EVALUATION OF COATINGS FOR INVAR SAWS
FOR THE PERIOD 09-15-84 THROUGH 09-14-85
AWARD # FP-84-0666
MSN ENGR ENGR EXPER STA MET & MIN (144-W047) 20,000.00
- 4) FERMENTATION OF D-XYLOSE BY CANDIDA SHEHATAE
FOR THE PERIOD 09-15-84 THROUGH 09-30-86
AWARD # FP-84-0668
MSN ENGR ENGR EXPER STA CHEM ENGR (144-W064) 28,860.00

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22. AGRIC, SCIENCE AND EDUCATION ADMIN.
WASHINGTON, DC
SELECTION FOR ENHANCED NITROGEN FIXATION IN
COMMON BEAN GERMPLASM FOR HONDURAS
FOR THE PERIOD 09-15-84 THROUGH 09-30-87
AWARD # 84-CRSR-2-2516
MSN AG&LSC HORTICULTURE (144-W028) 90,000.00
23. COMMERCE, DEPT OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) A GOES ARCHIVE-RETRIEVAL SYSTEM
FOR THE PERIOD 09-21-84 THROUGH 06-30-86
AWARD # NA-84-SAC-00019
MSN GRAD SPACE SCI&ENG CT (144-W029) 1,599,527.00
- 2) SEAL WELDER FOR POLYETHYLENE VIALS
FOR THE PERIOD 09-24-84 THROUGH 02-28-85
AWARD # P O 419033
MSN ENGR ENGR EXPER STA NUCL ENGR (144-W096) 3,000.00
24. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) SUPPORT TO A NOAA OPERATIONAL VAS ASSESSMENT
EFFORT
FOR THE PERIOD 05-01-84 THROUGH 10-31-84
AT A TOTAL COST OF \$926,007.00
AWARD # NA-84-DGC-00155
MSN GRAD SPACE SCI&ENG CT (144-U387) 552,143.00
- 2) DIAGNOSTIC STUDIES OF GLOBAL CIRCULATION PATTERNS
AND THEIR FLUCUATIONS ON TIME-SCALES OF WEEKS AND
MONTHS
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # NA85AA-D-MCO01
MSN ENV ST CTR FOR CLIM RES (144-W011) 90,000.00
- 3) USE OF BISULFITE IN SHRIMP - RESIDUES, FATE AND
ALTERNATIVES
FOR THE PERIOD 10-01-84 THROUGH 12-31-85
AWARD # NA84AA-H-SK093
MSN AG&LSC FOOD MICRO&TOXIC (144-W014) 46,947.00
- 4) PERFORMANCE DEMONSTRATION OF THE HIGH-RESOLUTION
INTERFEROMETER SOUNDER (HIS)
FOR THE PERIOD 09-28-84 THROUGH 09-27-85
AWARD # NA-84-DGC-00095
MSN GRAD SPACE SCI&ENG CT (144-W063) 130,000.00
- 5) RAIN RETRIEVAL AND SCREENING AT THE WINDOW AND
SOUNDING FREQUENCIES OF THE ADVANCED MICROWAVE
SOUNDING UNIT (AMSU)
FOR THE PERIOD 09-28-84 THROUGH 09-27-85
AWARD # NA-84-DGC-00240
MSN GRAD SPACE SCI&ENG CT (144-W107) 49,997.00

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25. EDUCATION, DEPT OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) A NON-SHELTERED COMMUNITY BASED VOCATIONAL
TRAINING PROGRAM FOR STUDENTS WITH SEVERE
BEHAVIOR DISORDERS
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # GOO8430014
MSN EDUC WIS CTR EDUC RES (144-W040) 103,558.00
 - 2) TACTILE VISION FOR SEVERELY VISUALLY IMPAIRED:
THE DEVELOPMENT OF A UNIQUE EDUCATIONAL PROGRAM
FOR THE TEACHING OF VISUAL CONCEPTS TO THE EARLY
BLIND
FOR THE PERIOD 09-01-84 THROUGH 08-31-85
AWARD # GOO8435023
MSN HS-MED REHABIL MEDICINE (144-W094) 77,501.00
26. MADISON METROPOLITAN SCHOOL DISTRICT
MADISON, WI
PRIME CONTRACTOR WITH DED
ESTABLISHMENT OF A TRAINING AND
DEMONSTRATION PROJECT
FOR THE PERIOD 09-01-84 THROUGH 06-30-85
AWARD # AGR DTD 10/10/84
MSN GRAD WAISMAN CENTER (144-W104) 3,000.00
27. HEALTH AND HUMAN SERVICES, DEPT OF
WASHINGTON, DC
RESEARCH ON POVERTY, 1950-1990
FOR THE PERIOD 09-01-83 THROUGH 08-31-85
AT A TOTAL COST OF \$268,581.00
AWARD # 40A-83, MOD. 1
MSN L&S INST-RES ON POV (144-T819) 22,843.00
28. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) ANXIETY SYSTEM AND ATTENTIONAL DEFICITS IN
PSYCHOPATHY
FOR THE PERIOD 09-01-84 THROUGH 08-31-85
AWARD # 5 RO1 MH37711-02
MSN L&S PSYCHOLOGY (144-U860) 29,590.00
 - 2) BREEDING BIOLOGY AND BEHAVIOR OF MONOGAMOUS
PRIMATES
FOR THE PERIOD 09-01-84 THROUGH 08-31-85
AWARD # 2 RO1 MH35215-03
MSN L&S PSYCHOLOGY (144-U951) 63,360.00
 - 3) NIMH DIS COMPUTER DIAGNOSIS: EPIDEMIOLOGIC
APPLICATIONS
FOR THE PERIOD 09-01-84 THROUGH 08-31-85
AWARD # 1 RO1 MH39120-01
MSN HS-PSY PSYCHIATRIC INST (144-U989) 214,825.00

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- 4) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # 1 F32 MH09238-01
MSN L&S PSYCHOLOGY (144-W090) 22,716.00
- 5) OPTIMIZING STRATEGIES OF INFORMATION SEEKING
FOR THE PERIOD 09-30-84 THROUGH 08-31-85
AWARD # 1 R03 MH39831-01
MSN L&S COMMUN ARTS (144-W103) 18,211.00
29. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) SENSORY PREPARATION FOR DISCHARGE AFTER CANCER
SURGERY
FOR THE PERIOD 09-15-84 THROUGH 09-14-85
AWARD # 1 R01 NU01254-01
MSN HS-NUR (144-W022) 104,264.00
- 2) SLEEP DISTURBANCES IN INFANTS OF ADOLESCENT
MOTHERS
FOR THE PERIOD 09-28-84 THROUGH 09-27-85
AWARD # 1 R01 NU01194-01
MSN HS-NUR (144-W101) 52,738.00
30. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) PARALLEL PATHWAYS IN VISUAL PROCESSING AND
DEVELOPMENT
FOR THE PERIOD 08-01-83 THROUGH 07-31-84
AT A TOTAL COST OF \$125,960.00
AWARD # 5 R01 EY02545-06, MOD. 1
MSN L&S PSYCHOLOGY (144-T469) 270.00
- 2) ROLE OF LRH RECEPTORS IN CONTROL OF HCG PRODUCTION
(REDUCTION DUE TO TRANSFER OF PRINCIPAL
INVESTIGATOR TO ANOTHER INSTITUTION)
FOR THE PERIOD 05-01-84 THROUGH 07-31-84
AWARD # 1 R01 HD17469-01A1, MOD. 1
MSN HS-MED OBSTET & GYNECOL (144-U060) 80,366.00-
- 3) ANALYSES OF PARKINSONIAN DYSARTHRIA AND TREMOR
(REDUCTION DUE TO TRANSFER OF PRINCIPAL
INVESTIGATOR TO ANOTHER INSTITUTION)
FOR THE PERIOD 04-01-84 THROUGH 08-31-84
AT A TOTAL COST OF \$11,723.00
AWARD # 1 R23 NS20747-01, MOD. 1
MSN GRAD WAISMAN CENTER (144-U188) 36,593.00-
- 4) GLUCOSE METABOLISM AND CALCIUM IN PANCREATIC
ISLETS
FOR THE PERIOD 04-01-84 THROUGH 03-31-85
AT A TOTAL COST OF \$142,699.00
AWARD # 2 R01 AM28348-04, MOD. 1
MSN HS-MED PEDIATRICS (144-U202) 1,068.00

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|---|------------|-------------|
| 5) CANCER CENTER SUPPORT (COMPREHENSIVE)
FOR THE PERIOD 04-01-84 THROUGH 03-31-85
AT A TOTAL COST OF \$1,704,528.00
AWARD # 5 P30 CA14520-12, MOD. 2
MSN HS-MED HUMAN ONCOLOGY | (144-U228) | 31,059.00 |
| 6) REGIONAL PRIMATE RESEARCH CENTER SUPPORT
FOR THE PERIOD 05-01-84 THROUGH 04-30-85
AT A TOTAL COST OF \$2,770,728.00
AWARD # 3 P51 RRO0167-24S1, MOD. 4
MSN L&S PRIMATE RES CTR | (144-U347) | 151,648.00- |
| 7) PROFESSIONAL ONCOLOGY EDUCATION PROGRAM
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AT A TOTAL COST OF \$134,311.00
AWARD # 2 R25 CA18397-10, MOD. 1
MSN HS-MED HUMAN ONCOLOGY | (144-U601) | 329.00 |
| 8) INTESTINAL TRANSPORT OF CARNITINE
FOR THE PERIOD 08-01-84 THROUGH 07-31-85
AWARD # 5 RO1 AM32667-02
MSN HS-MED MEDICINE GASTROENT | (144-U716) | 74,637.00 |
| 9) COMMUNITY CLINICAL ONCOLOGY PROGRAM
FOR THE PERIOD 09-01-84 THROUGH 08-31-85
AWARD # 5 U10 CA37401-02
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL | (144-U920) | 13,448.00 |
| 10) ECG COMMUNITY CLINICAL ONCOLOGY PROGRAM
FOR THE PERIOD 09-01-84 THROUGH 08-31-85
AWARD # 5 U10 CA37403-02
MSN HS-MED HUMAN ONCOLOGY EAST COOP | (144-U921) | 502,068.00 |
| 11) ENTERIC NEURON ABLATION; ALTERED MOTILITY AND
SECRETION
FOR THE PERIOD 09-01-84 THROUGH 08-31-85
AWARD # 5 RO1 AM32594-02
MSN HS-PHR PHARMACY | (144-U933) | 66,762.00 |
| 12) ALLERGIC DISEASE CENTER
FOR THE PERIOD 09-01-84 THROUGH 08-31-85
AWARD # 5 P50 AI10404-14
MSN HS-MED MEDICINE | (144-U936) | 265,197.00 |
| 13) THE CHEMISTRY OF SELENENIC ACIDS
FOR THE PERIOD 09-01-84 THROUGH 08-31-85
AWARD # 5 RO1 AM23042-06
MSN L&S CHEMISTRY | (144-U955) | 64,917.00 |
| 14) ANGIOGENESIS IN THE MOUSE EYE
FOR THE PERIOD 09-30-84 THROUGH 09-29-85
AWARD # 5 RO1 EYO3243-06
MSN L&S ZOOLOGY | (144-U991) | 118,525.00 |
| 15) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # 1 F32 HLO7052-01
MSN VET M STRUCT&FUNCT SCI | (144-W025) | 17,736.00 |

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- 16) CA AND THE PATHOPHYSIOLOGY OF THE ADULT HEART CELL
FOR THE PERIOD 09-30-84 THROUGH 09-29-85
AWARD # 1 RO1 HL33652-01
MSN HS-MED SURGERY THORACIC S (144-W030) 100,531.00
- 17) VIRULENCE OF M. TUBERCULOSIS, PATHOGENETIC
SIGNIFICANCE
FOR THE PERIOD 09-15-84 THROUGH 08-31-85
AWARD # 2 R22 AI17368-04
MSN HS-MED MED MICROBIOLOGY (144-W032) 77,038.00
- 18) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # 1 F32 GM10444-01
MSN HS-MED PHYSIOLOG CHEM (144-W037) 17,040.00
- 19) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # 1 F32 GM10445-01
MSN HS-MED PHYSIOLOG CHEM (144-W038) 18,468.00
- 20) SPECIFIC IMMUNE REACTIVITY TO TREPONEMAL
INFECTION
FOR THE PERIOD 09-30-84 THROUGH 08-31-85
AWARD # 1 RO1 AI22199-01
MSN HS-MED MED MICROBIOLOGY (144-W039) 121,063.00
- 21) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # 1 F32 GM09554-01A1
MSN GRAD MOLECULAR BIOL (144-W054) 17,040.00
- 22) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # 1 F32 NS07502-01
MSN GRAD MOLECULAR BIOL (144-W055) 17,736.00
- 23) RADIOIMMUNOASSAYS FOR DIAGNOSIS OF SEVERE
CANDIDIASIS
FOR THE PERIOD 09-30-84 THROUGH 08-31-85
AWARD # 2 RO1 AI15682-06
MSN HS-MED MEDICINE INFECT DIS (144-W057) 81,997.00
- 24) MAO #1 PHASE 1 CLINICAL TRIAL OF NATURAL AND
RECOMBINENT INTERLEUKEN-2 (IL-2)
FOR THE PERIOD 09-29-84 THROUGH 10-31-85
AWARD # ND1-CM-47669-01
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-W061) 266,552.00
- 25) METHODOLOGY AND ANALYSIS OF FIBER COMPONENTS
IN FOOD
FOR THE PERIOD 09-30-84 THROUGH 09-29-85
AWARD # NO1-CN-45181
MSN AG&LSC NUTRITIONAL SCI (144-W076) 219,908.00

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- 26) SENIOR INTERNATIONAL FELLOWSHIP AWARD (FOGARTY)
FOR THE PERIOD 12-01-84 THROUGH 06-30-85
AWARD # 1 F06 TWO0957-01
MSN HS-MED PHYSIOLOGY (144-W102) 19,633.00
31. COLUMBIA UNIVERSITY
NEW YORK, NY
PRIME CONTRACTOR WITH DHHS PHS NIH
PRESBYOPIA: THE AGING PROCESS OF
ACCOMMODATIVE MECHANISM
FOR THE PERIOD 04-01-84 THROUGH 03-31-85
AWARD # P.O. #CP 1760
MSN HS-MED OPHTHALMOLOGY (144-U366) 95,056.00
32. DOD, AIR FORCE
BOLLING AIR FORCE BASE, DC
AN EXPERIMENTAL AND THEORETICAL INVESTIGATION
OF OPTOGALVANIC EFFECTS
FOR THE PERIOD 09-30-84 THROUGH 09-29-85
AWARD # AFOSR-84-0328
MSN L&S PHYSICS (144-W013) 95,157.00
33. DOD, AIR FORCE
PATRICK AFB, FL
METEOROLOGICAL INTERACTIVE DATA DISPLAY SYSTEM
FOR THE CAPE CANAVERAL FORECAST FACILITY
FOR THE PERIOD 02-01-84 THROUGH 09-30-85
AT A TOTAL COST OF \$870,379.00
AWARD # FO8606-84-C-0007, MOD. 2
MSN GRAD SPACE SCI&ENGR CT (144-U103) 374,292.00
34. DOD, ARMY
FREDERICK, MD
PULMONARY ADAPTATION TO HIGH ALTITUDE
FOR THE PERIOD 11-30-83 THROUGH 11-30-85
AT A TOTAL COST OF \$158,188.00
AWARD # DAMD17-82-C-2259, MOD. 8
MSN HS-MED PREVENTIVE MED (144-T959) 96,332.00
35. DOD, ARMY
RESEARCH TRIANGLE PARK, NC
CLASSIFICATION OF SINGLE AND MULTI-DEGREE-OF-
FREEDOM MOTIONS
FOR THE PERIOD 09-10-84 THROUGH 09-09-85
AWARD # DAAG29-84-K-0182
MSN ENGR ENGR EXPER STA MECH ENGR (144-W017) 35,970.00
36. DOD, NAVY
ARLINGTON, VA
IN SUPPORT OF THE FOLLOWING:
- 1) ACOUSTICAL TECHNIQUES FOR THE STUDY OF NEKTON AND
ZOOPLANKTON AT WATER TYPE BOUNDARIES AND FRONTS IN
THE OCEANS
FOR THE PERIOD 09-01-79 THROUGH 09-30-84
AT A TOTAL COST OF \$687,011.00
AWARD # NO0014-79-C-0703, MOD. 8
MSN ENV ST MARINE STU CTR (144-N643) 8,749.00

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- 2) SCALE DEVELOPMENT AND CONSTRUCT VALIDATION
LABORATORY AND FIELD EXPERIMENTS ON JOB DESIGN
ASSESSING CLIMATE FOR ORGANIZATIONAL CHANGE
FOR THE PERIOD 07-28-83 THROUGH 09-30-84
AT A TOTAL COST OF \$169,500.00
AWARD # N00014-83-K-0653, MOD. 1
MSN BUS SCH OF BUSINESS (144-T497) 113,000.00
37. ENERGY, DEPT OF
ARGONNE, IL
EXPERIMENTAL AND THEORETICAL HIGH ENERGY PHYSICS
FOR THE PERIOD 04-01-60 THROUGH 12-31-84
AT A TOTAL COST OF \$40,959,876.00
AWARD # DE-ACO2-76ER00881, MOD. 23
MSN L&S PHYSICS (144-E164) 1,696,000.00
38. ENERGY, DEPT OF
OAK RIDGE, TN
DOE UNIVERSITY RESEARCH INSTRUMENTATION PROGRAM
FOR THE PERIOD 09-01-84 THROUGH 08-31-85
AWARD # DE-FG05-84ER75165
MSN ENGR ENGR EXPER STA NUCL ENGR (144-W012) 210,000.00
39. ENERGY, DEPT OF
OAKLAND, CA
RESEARCH ON ACTIVE SOLAR PROCESSES
FOR THE PERIOD 09-26-84 THROUGH 09-26-85
AWARD # DE-FG03-84SF15303
MSN ENGR ENGR EXPER STA SOLAR ENRG (144-W027) 100,000.00
40. SANDIA NATIONAL LABORATORIES
ALBUQUERQUE, NM
PRIME CONTRACTOR WITH DOE
S-BAND HMC FET MIXERS
FOR THE PERIOD 01-12-84 THROUGH 12-31-84
AT A TOTAL COST OF \$28,955.00
AWARD # 47-6397, MOD. 1
MSN ENGR ENGR EXPER STA EL&COMPUT (144-U070) 6,000.00
41. MARTIN MARIETTA ENERGY SYSTEMS, INC.
OAK RIDGE, TN
PRIME CONTRACTOR WITH DOE
EFFECTS OF FUEL COMPOSITION ON IGNITION DELAY
IN HOMOGENEOUS CHARGE AND DIRECT INJECTION
COMPRESSION IGNITION ENGINES
FOR THE PERIOD 09-15-84 THROUGH 09-14-85
AWARD # P O #19X-89677V
MSN ENGR ENGR EXPER STA MECH ENGR (144-W016) 75,000.00
42. INTERIOR, DEPT OF
BOSTON, MA
RECONSTRUCTION OF PAST PH CHANGES IN DUCK POND,
S. WELLFLEET: FOSSIL/DIATOM ANALYSIS
FOR THE PERIOD 06-07-83 THROUGH 10-31-85
AT A TOTAL COST OF \$5,000.00
AWARD # PX1600-3-0518, MOD. 1
MSN ENV ST CTR FOR CLIM RES (144-T424) 2,500.00

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43. INTER, FISH AND WILDLIFE SERVICE
ST. PAUL, MN
MOVEMENT AND SURVIVAL OF CANADA GEESE OF THE
MISSISSIPPI VALLEY POPULATION
FOR THE PERIOD 10-01-81 THROUGH 09-30-85
AT A TOTAL COST OF \$224,000.00
AWARD # 14-16-0003-82-005, MOD. 3
MSN AG&LSC N R-WILDLIF ECOL (144-R651) 56,000.00
44. INTER, FISH AND WILDLIFE SERVICE
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) ECOLOGY OF THE DOUBLE-CRESTED CORMORANT IN THE
APOSTLE ISLANDS WITH SPECIAL EMPHASIS ON FOOD
HABITS AND DEPREDATIONS ABATEMENT
FOR THE PERIOD 08-01-83 THROUGH 06-15-85
AT A TOTAL COST OF \$15,976.00
AWARD # 14-16-0009-1511-14, MOD. 2
MSN AG&LSC N R-WILDLIF ECOL (144-T719) 915.00
- 2) RAPTORIAL BIRD CONTROL
FOR THE PERIOD 09-26-84 THROUGH 09-06-85
AWARD # 14-16-0009-84-976
MSN AG&LSC N R-WILDLIF ECOL (144-W082) 5,000.00
45. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
IN SUPPORT OF THE FOLLOWING:
- 1) A SPACE TELESCOPE SCIENTIFIC INVESTIGATION USING
A HIGH SPEED PHOTOMETER
FOR THE PERIOD 03-02-78 THROUGH 01-31-85
AT A TOTAL COST OF \$6,816,824.00
AWARD # NAS5-24487, MOD. 37
MSN GRAD SPACE SCI&ENG CT (144-L324) 77,314.00
- 2) SUPPORT OF HIGH RESOLUTION SPECTROGRAPH
FOR THE PERIOD 05-16-79 THROUGH 04-30-85
AT A TOTAL COST OF \$207,000.00
AWARD # NAS5-25714, MOD. 10
MSN L&S AST-SPA AST LAB (144-N029) 25,000.00
- 3) ULTRAVIOLET STUDIES WITH THE IUE SATELLITE
FOR THE PERIOD 06-15-81 THROUGH 06-30-85
AT A TOTAL COST OF \$273,460.00
AWARD # NAG5-186, MOD. 7
MSN L&S ASTRONOMY (144-Q873) 35,523.00
- 4) THE GEOMETRIC STRUCTURE OF ECLIPSING SYMBIOTIC
BINARIES
FOR THE PERIOD 08-01-83 THROUGH 10-14-85
AT A TOTAL COST OF \$2,500.00
AWARD # NAG5-353, MOD. 1
MSN L&S ASTRONOMY (144-T489) 1,300.00

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- 5) DEPENDENCE OF WIND PROPERTIES ON LUMINOSITY
CLASS FOR B STARS IN NGC 3293
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AT A TOTAL COST OF \$10,251.00
AWARD # NAG 5-423, MOD. 1
MSN L&S ASTRONOMY (144-U542) 4,236.00
46. NASA, MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, AL
IN SUPPORT OF THE FOLLOWING:
- 1) APPLICATIONS OF THE AVE-SESAME DATA SETS TO
MESOSCALE STUDIES
FOR THE PERIOD 05-13-80 THROUGH 11-30-84
AT A TOTAL COST OF \$757,338.00
AWARD # NAS8-33799, MOD. 12
MSN GRAD SPACE SCI&ENG CT (144-P477) 15,000.00
- 2) WISCONSIN ULTRAVIOLET PHOTO-POLARIMETER EXPERIMENT
FOR THE PERIOD 09-04-81 THROUGH 09-30-88
AT A TOTAL COST OF \$4,011,160.00
AWARD # NAS5-26777, MOD. 16
MSN L&S AST-SPA AST LAB (144-R418) 915,000.00
- 3) DIAGNOSTICS OF OBSERVED AND NUMERICALLY SIMULATED
EXTRATROPICAL CYCLONES (II)
FOR THE PERIOD 06-15-81 THROUGH 04-30-86
AT A TOTAL COST OF \$648,099.00
AWARD # ATM-8110678, MOD. 5
MSN GRAD SPACE SCI&ENG CT (144-R041) 72,453.00
47. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) METEOROLGY SUBACCOUNT
FOR THE PERIOD 06-15-81 THROUGH 04-30-86
AT A TOTAL COST OF \$319,501.00
AWARD # ATM-8110678, MOD. 4
MSN L&S METEOROLOGY (144-R042) 197,547.00
- 2) CONTROLLING ELEMENTS IN MAIZE: AN EXAMINATION OF
THEIR EFFECT ON GENE FUNCTION
FOR THE PERIOD 08-15-82 THROUGH 01-31-86
AT A TOTAL COST OF \$224,589.00
AWARD # PCM-8207987, MOD. 3
MSN AG&LSC GENETICS (144-S313) 66,043.00
- 3) CONTINUED INVESTIGATION OF LOW INTENSITY EMISSION
LINES FROM THE INTERSTELLAR MEDIUM
FOR THE PERIOD 11-01-83 THROUGH 04-30-86
AT A TOTAL COST OF \$219,600.00
AWARD # AST-8341377, MOD. 1
MSN L&S PHYSICS (144-T886) 112,600.00

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|-----|--|------------|------------|
| 4) | LOW-RESOLUTION INTERACTIVE OCEAN-ATMOSPHERE
GENERAL CIRCULATION MODELING
FOR THE PERIOD 08-01-84 THROUGH 01-31-86
AWARD # ATM-8403033
MSN L&S METEOROLOGY | (144-U592) | 90,060.00 |
| 5) | THE PERFORMANCE OF ALGORITHMS FOR SHARED
RELATIONAL DATABASE SYSTEMS
FOR THE PERIOD 09-01-84 THROUGH 02-28-87
AWARD # DCR-8402818
MSN L&S COMPUTER SCI | (144-W010) | 114,086.00 |
| 6) | FUNDAMENTAL STUDIES IN APPLIED COMPUTER CONTROL
FOR THE PERIOD 09-15-84 THROUGH 02-28-86
AWARD # CPE-8407196
MSN ENGR ENGR EXPER STA CHEM ENGR | (144-W024) | 77,490.00 |
| 7) | ALKYLATION REACTIONS WITH ORGANOMETALLIC COMPOUNDS
(CHEMISTRY)
FOR THE PERIOD 09-01-84 THROUGH 02-28-86
AWARD # CHE-8406480
MSN L&S CHEMISTRY | (144-W070) | 82,000.00 |
| 8) | MEDICAL IMAGING USING ELECTRICAL IMPEDENCE
COMPUTED TOMOGRAPHY
FOR THE PERIOD 10-01-84 THROUGH 03-31-86
AWARD # ECS-8407402
MSN ENGR ENGR EXPER STA EL&COMPUT | (144-W086) | 46,820.00 |
| 9) | SPECTROSCOPIC STUDIES OF MIXED METAL OXIDE
CATALYSTS DURING THEIR GENESIS AND USE
FOR THE PERIOD 10-15-84 THROUGH 03-31-86
AWARD # CPE-8410387
MSN ENGR ENGR EXPER STA CHEM ENGR | (144-W108) | 87,000.00 |
| 48. | MARINE BIOLOGICAL LABORATORY
WOODS HOLE, MA
PRIME CONTRACTOR WITH NSF
RESPONSE OF ARCTIC FRESHWATER ECOSYSTEMS TO
ENVIRONMENTAL STRESS
FOR THE PERIOD 06-01-84 THROUGH 05-31-85
AWARD # P.O. #ADM84046-F
MSN L&S ZOOLOGY | (144-U519) | 16,994.00 |
| 49. | STATE, AGENCY FOR INTERNATIONAL DEVELOP
JAKARTA, INDONESIA
INSTITUT PERTANIAN BOGOR GRADUATE SCHOOL
DEVELOPMENT (LOAN)
FOR THE PERIOD 05-01-80 THROUGH 03-31-85
AT A TOTAL COST OF \$1,790,093.00
AWARD # 497-80-100.29, MOD. 4
MSN AG&LSC INTL AG PRGS-ADM | (144-P573) | 210,188.00 |
| 50. | STATE, AGENCY FOR INTERNATIONAL DEVELOP
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING: | | |

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1)	EGYPTIAN INSTRUMENTATION TECHNOLOGY AND EQUIPMENT (DELETION OF EQUIPMENT EXPENSE-NOT ENOUGH TIME LEFT TO DELIVER) FOR THE PERIOD 06-14-82 THROUGH 09-30-85 AT A TOTAL COST OF \$3,193,142.00 AWARD # NEB-0016-C-00-2036-00, MOD. 3 MSN ENGR ENGR EXPER STA INSTRM SYS (144-S187)	346,422.00-
2)	LAND TENURE RESEARCH ACTIVITIES FOR THE PERIOD 04-01-84 THROUGH 03-31-88 AT A TOTAL COST OF \$636,000.00 AWARD # DAN-5301-A-00-4033-00, MOD. 2 MSN AG&LSC LAND TENURE CTR (144-U329)	139,000.00
3)	LAND REGISTRATION AND TITLING IN AFRICA FOR THE PERIOD 04-01-84 THROUGH 03-31-88 AT A TOTAL COST OF \$20,712.00 AWARD # DAN-5301-A-00-4033-00, MOD. 2 MSN AG&LSC LAND TENURE CTR (144-U947)	4,712.00
51.	UNIVERSITY OF ARIZONA TUCSON, AZ PRIME CONTRACTOR WITH STATEAID CAPE VERDE-FOOD CROP RESEARCH FOR THE PERIOD 10-21-83 THROUGH 12-31-84 AT A TOTAL COST OF \$101,512.00 AWARD # P.O. #018054, MOD. 1 MSN AG&LSC INTL AG PRGS-ADM (144-U086)	10,796.00
52.	VETERANS ADMIN MADISON, WI SALARY SUPPORT OF RA TO PREPARE RADIOLABELLED FLUOROMETHANE FOR THE PERIOD 01-24-83 THROUGH 12-31-84 AWARD # 607/D4C398, MOD. 6 MSN HS-MED MEDICAL PHYSICS (144-S852)	3,626.06
53.	MULTIPLE DONORS KIDNEY DISEASE RESEARCH MSN HS-MED MEDICINE (133-A081)	15.00
54.	MULTIPLE DONORS JOHN NICHOLS CORN BREEDING RESEARCH FUND MSN AG&LSC AGRONOMY (133-A235)	24.97
55.	CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY (133-A250)	
	50.00 MULTIPLE DONORS	
	360.00 MULTIPLE DONORS IN MEMORY OF WAYNE THOMPSON	
	155.00 MULTIPLE DONORS IN MEMORY OF MARILYN B. RITZMAN	
	145.00 MULTIPLE DONORS	
	70.00 MULTIPLE DONORS	

780.00

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56.	MULTIPLE DONORS CANCER RESEARCH MSN HS-MED	(133-A251)	50.00
57.	HEART RESEARCH MSN HS-MED	(133-A252)	
	40.00 MULTIPLE DONORS 387.00 MULTIPLE DONORS IN MEMORY OF STEVE STURLAUGSON		427.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	(133-A525)	12,683.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ANESTHESIOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED ANESTHESIOLOGY	(133-A532)	10,219.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RADIATION ONCOLOGY RESEARCH & DEVELOPMENT FUND MSN HS-MED HUMAN ONCOLOGY RAD THERAP	(133-A536)	62,000.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC UTILITIES RESEARCH FOUNDATION PROFESSORSHIP IN ENERGY ENGINEERING MSN ENGR ENGR EXPER STA EL&COMPUT	(133-A816)	30,000.00
62.	MULTIPLE DONORS CLINICAL STUDY OF COUMADIN AND PERSANTINE THERAPY FOR GLOMERULOPATHIES MSN HS-MED MEDICINE NEPHROLOGY	(133-A890)	698.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARDIOPULMONARY STUDIES MSN AG&LSC VETERINARY SCI	(133-B408)	1,200.00
64.	FIELD CROP DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-B522)	
	10,000.00 MONSANTO COMPANY ST. LOUIS, MO 500.00 MULTIPLE DONORS		10,500.00

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65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF FOOD SCIENCE CHAIRMAN'S DISCRETIONARY FUND MSN AG&LSC FOOD SCIENCE	(133-B656)	4,000.00
66.	MULTIPLE DONORS RELEASING CAPTIVE CATHARTID VULTURES TO THE WILD MSN AG&LSC N R-WILDLIF ECOL	(133-B708)	500.00
67.	POTATO & OTHER VEGETABLE RESEARCH MSN AG&LSC EXP STA-HANCOCK	(133-C235)	
	1,000.00 UNIROYAL CHEMICAL COMPANY LEXINGTON, KY		
	500.00 MULTIPLE DONORS		
			1,500.00
68.	MULTIPLE DONORS WILDLIFE RESEARCH MSN AG&LSC N R-WILDLIF ECOL	(133-C298)	225.00
69.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN POLYURETHANE BLOCK POLYMERS RESEARCH MSN ENGR ENGR EXPER STA CHEM ENGR	(133-C370)	7,500.00
70.	MULTIPLE DONORS SOLAR ENERGY RESEARCH MSN ENGR ENGR EXPER STA SOLAR ENRG	(133-C535)	200.00
71.	SARA LEE DEERFIELD, IL STUDY OF THE EFFECTS OF YOGURT ON BREAD MSN AG&LSC FOOD SCIENCE	(133-C733)	1,640.76
72.	MULTIPLE DONORS LIVESTOCK AND MEAT DISTRIBUTION MSN AG&LSC MEAT& ANIMAL SCI	(133-C865)	480.00
73.	UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC. MORTON, IL CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-C975)	4,000.00
74.	MULTIPLE DONORS FEED SAMPLE ANALYSIS MSN AG&LSC DAIRY SCIENCE	(133-D130)	229.00
75.	REYNOLDS (R J) TOBACCO COMPANY WINSTON-SALEM, NC TOBACCO INVESTIGATIONS MSN AG&LSC HORTICULTURE	(133-D253)	4,500.00

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76.	MAYER (HAZEL MAE) TRUST MILWAUKEE, WI RESEARCH IN PULMONARY PATHOPHYSIOLOGY MSN HS-MED PREVENTIVE MED	(133-D367)	7,000.00
77.	WINTHROP LABORATORIES NEW YORK, NY WINTHROP RESEARCH FELLOW IN NEURORADIOLOGY MSN HS-MED RADIOLOGY	(133-D368)	25,000.00
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WOMEN'S STUDIES RESEARCH CENTER MSN L&S WOMEN'S STUDIES RESRCH CTR	(133-D392)	7,400.00
79.	SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	
	1,000.00 MULTIPLE DONORS 1,250.00 RORER (WILLIAM H), INC. FORT WASHINGTON, PA		2,250.00
80.	MULTIPLE DONORS KIDNEY AND DIABETES RESEARCH MSN HS-HSP ADMINISTRATION ADMIN	(133-D527)	102.88
81.	MULTIPLE DONORS SPECIAL COAGULATION STUDY MSN HS-MED MEDICINE HEMATOLOGY	(133-D535)	125.00
82.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VITAMIN D RESEARCH MSN AG&LSC BIOCHEMISTRY	(133-D547)	3,600.00
83.	ICI AMERICAS INC. WILMINGTON, DE ICI AMERICAS ANTI-ESTROGEN MSN HS-MED HUMAN ONCOLOGY	(133-D589)	3,316.25
84.	WISCONSIN TURFGRASS ASSOCIATION MARSHALL, WI INSECT PEST MANAGEMENT MSN AG&LSC ENTOMOLOGY	(133-D617)	3,100.00
85.	ALCON LABORATORIES, INC. FORT WORTH, TX DRUG DELIVERY AND ARTIFICIAL TEARS MSN HS-PHR PHARMACY	(133-D621)	5,000.00
86.	MADISON GENERAL HOSPITAL MADISON, WI DEFRAY SALARY COST OF ASSISTANT SCIENTIST MSN HS-MED PEDIATRICS	(133-D678)	5,265.94

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87.	MULTIPLE DONORS IMPROVING REPRODUCTIVE EFFICIENCY IN DAIRY CATTLE MSN AG&LSC DAIRY SCIENCE (133-D706)	288.45
88.	MULTIPLE DONORS INFECTIOUS DISEASE EDUCATION FUND MSN HS-MED MEDICINE INFECT DIS (133-D837)	200.00
89.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MODERN CONTROL THEORY RESEARCH MSN ENGR ENGR EXPER STA CHEM ENGR (133-D866)	10,000.00
90.	REYNOLDS (R J) TOBACCO COMPANY WINSTON-SALEM, NC TOBACCO FERTILITY INVESTIGATIONS MSN AG&LSC HORTICULTURE (133-D952)	6,000.00
91.	REYNOLDS (R J) TOBACCO COMPANY WINSTON-SALEM, NC TOBACCO INVESTIGATIONS MSN AG&LSC PLANT PATHOLOGY (133-D953)	10,000.00
92.	APPLIED RESEARCH GROUP, INC. CHARLOTTE, NC EPIDEMIOLOGY AND CONTROL OF VEGETABLE CROP DISEASES MSN AG&LSC PLANT PATHOLOGY (133-E035)	1,000.00
93.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH PROJECT SUPPORT MSN L&S HEBREW & SEM STU (133-E112)	5,500.00
94.	CADCO, INC. DES MOINES, IA TEST THE EFFECTIVENESS OF A BACTERIAL ADDITIVE ON CORN SILAGE FERMENTATION MSN AG&LSC DAIRY SCIENCE (133-E265)	8,765.00
95.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC MACHINES AND POWER ELECTRONICS ACCOUNT MSN ENGR ENGR EXPER STA EL&COMPUT (133-E273)	52,000.00
96.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GORDON FOX PROFESSORSHIP IN THE DEPARTMENT OF HISTORY MSN L&S HISTORY (133-E380)	27,691.40
97.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EFFECTS OF ANESTHETIC AGENTS ON AIRWAY SMOOTH MUSCLE MSN HS-MED ANESTHESIOLOGY (133-E473)	1,750.00

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98.	MULTIPLE DONORS SUPPORT STUDENT HOURLY HELP IN PROJECT RESEARCH INVOLVING THE COURTSHIP AND PARENTAL CARE INTERACTIONS IN FISHES MSN L&S ZOOLOGY	(133-E707)	200.00
99.	TOXIC SHOCK SYNDROME RESEARCH MSN AG&LSC FOOD MICRO&TOXIC	(133-E869)	
	5,000.00 TAMBRANDS LAKE SUCCESS, NY		
	16,250.00 PERSONAL PRODUCTS MILLTOWN, NJ		
			21,250.00
100.	KIMBERLY-CLARK CORPORATION NEENAH, WI TESTING AND EVALUATION OF NOVEL VIRUCIDAL COMPOSITIONS FOR THE PERIOD 10-01-81 THRU 10-01-85 AT A \$188,063 LEVEL AWARD # P.O. #KW 31121-1 MSN GRAD BIOPHYSICS	(133-E877)	56,063.00
101.	ABLEX PUBLISHING CORPORATION NORWOOD, NJ EDITORIAL SUPPORT FOR "LIBRARY RESEARCH": AN INTERNATIONAL JOURNAL MSN L&S LIB&INF ST	(133-E910)	1,500.00
102.	MERCK SHARPE AND DOHME RAHWAY, NJ DESIGNING AND SYNTHESIZING NEW CLASSES OF COMPOUNDS THAT INHIBIT THERAPEUTICALLY IMPORTANT ENZYMES BY TRANSITION STATE ANALOG MECHANISMS MSN HS-PHR PHARMACY	(133-E965)	20,000.00
103.	BELL LABORATORIES, INC. MADISON, WI RESEARCH AND DEVELOPMENT OF ANTICOAGULANT RODENTICIDES MSN HS-PHR PHARMACY	(133-F032)	10,220.00
104.	BADGER METER, INC MILWAUKEE, WI POLYMER PROCESSING CONSORTIUM MSN ENGR ENGR EXPER STA MECH ENGR	(133-F064)	15,000.00
105.	MULTIPLE DONORS GENERAL RESEARCH MSN HS-PHR PHARMACY	(133-F090)	60.00
106.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI EXPOSURE THERAPIST SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-F119)	6,951.00

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107.	CONOCO INC. PONCA CITY, OK ROCK PHYSICS RESEARCH FOR THE PERIOD 01-01-82 THRU 08-31-85 AT A \$48,000 LEVEL MSN L&S GEOL & GEOPHYSCS GEO&POL R (133-F192)	18,000.00
108.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PRACTICAL REACTION ENGINEERING MSN ENGR ENGR EXPER STA CHEM ENGR (133-F201)	25,208.54
109.	MOTOR-VEHICLE LABORATORY RESEARCH PROGRAM MSN ENGR ENGR EXPER STA EL&COMPUT (133-F282)	
	10,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
	4,000.00 AISIN SEIKI CO., LTD. LIVONIA, MI	
		14,000.00
110.	U.S. COMMITTEE FOR SCIENTIFIC COOPERATION WITH VIETNAM FULLERTON, CA PROGRAM FOR THE DEVELOPMENT OF A PREVENTIVE HEALTH SERVICE PROGRAM FOR VIETNAM MSN HS-MED PREVENTIVE MED (133-F298)	1,810.42
111.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARKETING MEASUREMENT THEORY PROJECT MSN BUS SCH OF BUSINESS (133-F353)	19,000.00
112.	MULTIPLE DONORS GENERAL FRUIT RESEARCH ACTIVITIES AT THE PENINSULAR STATION MSN AG&LSC EXP STA-PENINSLR (133-F369)	20.00
113.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI 3M POLYMER RESEARCH MSN ENGR ENGR EXPER STA CHEM ENGR (133-F377)	11,000.00
114.	AMERICAN LEGAL HISTORY, 1870-1950 MSN LAW LAW SCHOOL (133-F405)	
	7,105.00 MICHIGAN (UNIVERSITY OF) ANN ARBOR, MI	
	550.00 MULTIPLE DONORS	
		7,655.00
115.	MULTIPLE DONORS GENERAL RESEARCH MSN AG&LSC FOOD SCIENCE (133-F506)	410.00

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116.	MERCK SHARPE AND DOHME WEST POINT, PA CONTROLLED MULTICENTER STUDY TO EVALUATE THE ANTIHYPERTENSIVE EFFECTS OF HCTZ, MK-421 OR CATOPRIL IN HYPERTENSION MSN HS-MED PHARMACOLOGY	(133-F523)	19,173.33
117.	NATIONAL KIDNEY FOUNDATION OF WISCONSIN, INC. WAUWATOSA, WI ISCHEMIC ACUTE RENAL FAILURE IN THE ISOLATED PERFUSED RAT KIDNEY MSN HS-MED MEDICINE	NEPHROLOGY (133-F527)	3,000.00
118.	SHELL COMPANIES FOUNDATION INCORPORATED HOUSTON, TX SHELL DOCTORAL FELLOWSHIP MSN L&S GEOL & GEOPHYSICS	(133-F585)	12,521.00
119.	WISC DEPT OF ADMINISTRATION MADISON, WI DEVELOPMENT OF A VDT USER GUIDE FOR THE PERIOD 10-01-82 THRU 12-31-84 AWARD # P.O.# ADC-01077 MSN HS-MED PREVENTIVE MED	(133-F593)	7,700.00
120.	MIDWEST BREEDERS COOPERATIVE SHAWANO, WI GENETIC IMPROVEMENT OF RESISTANCE TO MASTITIS IN DAIRY CATTLE MSN AG&LSC DAIRY SCIENCE	(133-F603)	4,125.00
121.	NELSON INDUSTRIES, INC. STOUGHTON, WI ELECTROACOUSTICS RESEARCH MSN ENGR ENGR EXPER STA EL&COMPUT	(133-F648)	3,000.00
122.	EASTERN ARTIFICIAL INSEMINATION COOPERATIVE, INC. ITHACA, NY VIRAL INFECTIONS OF THE GENITAL TRACT MSN VET M PATHOBIOLOG SCI	(133-F663)	10,580.00
123.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MODERNIZATION OF LAND INFORMATION AND RECORD SYSTEMS MSN AG&LSC NR-LANDSCAP ARCH	(133-F705)	14,718.00
124.	MICROSURGERY RESEARCH TRAINING FUND MSN HS-MED SURGERY	(133-F729)	
	1,600.00	UNIVERSITY OBSTETRICS-GYNECOLOGY-ASSOCIATES MADISON, WI	
	1,050.00	MADISON OBSTETRICS & GYNECOLOGY - LTD. MADISON, WI	
			2,650.00

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125.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BIOENGINEERING RESEARCH MSN HS-MED ANESTHESIOLOGY	(133-F745)	3,000.00
126.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEFRAY COST OF SALARY AND FRINGE BENEFITS FOR RESEARCH FELLOW AWARD # 58-851 MSN HS-MED ANESTHESIOLOGY	(133-F750)	9,000.00
127.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAB ADVISORY COMMITTEE RESEARCH AWARDS MSN HS-MED HUMAN ONCOLOGY	(133-F811)	22,900.00
128.	GIBCO DIVISION DEXTER CORPORATION CHAGRIN FALLS, OH BASIC GENETICS RESEARCH MSN AG&LSC GENETICS	(133-F908)	3,500.00
129.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COON VALLEY NORSKEDALEN MSN AG&LSC NR-LANDSCAP ARCH	(133-F909)	625.00
130.	MULTIPLE DONORS BONE MARROW TRANSPLANTATION RESEARCH MSN HS-MED PEDIATRICS	(133-F923)	55.00
131.	WATERTOWN (CITY OF) WATERTOWN, WI APPLIED WATER POLLUTION RESEARCH CONSORTIUM MSN ENGR ENGR EXPER STA CIVIL&ENV	(133-F935)	750.00
132.	PFIZER, INC. PHARMACEUTICALS DIVISION NEW YORK, NY DOUBLE BLIND PARALLEL COMPARATIVE MULTIPLE SITE STUDY OF SAFETY AND EFFICACY OF 2-DEOXY-D-GLUCOSE IN TREATMENT OF PRIMARY HERPES SIMPLEX VIRUS INFECTIONS OF FEMALES AT A \$47,000.34 LEVEL AWARD # 83-N-0032 MSN HS-MED MEDICINE	INFECT DIS (133-G095)	32,000.34
133.	MULTIPLE DONORS ANATOMICAL RESEARCH MSN HS-MED SURGERY	(133-G101)	300.00
134.	RHODE ISLAND (UNIVERSITY OF) KINGSTON, RI CONSORTIUM FOR THE DEVELOPMENT OF TECHNOLOGY MSN AG&LSC FOOD SCIENCE	(133-G102)	1,050.00

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135.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROGRAM ENHANCEMENT FOR THE CARDIOLOGY SECTION OF THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE	CARDIOLOGY (133-G105)	100,000.00
136.	AISIN SEIKI CO., LTD. LIVONIA, MI CONTINUOUSLY VARIABLE TRANSMISSION MSN ENGR ENGR EXPER STA	EL&COMPUT (133-G167)	1,000.00
137.	WEISS (LEONARD W) MADISON, WI MISCELLANEOUS RESEARCH EXPENSE MSN L&S ECONOMICS	(133-G171)	300.00
138.	MADISON METROPOLITAN SEWERAGE DISTRICT MADISON, WI BIODEGRADATION OF PCB'S IN ORGANIC SLUDGE MSN ENGR ENGR EXPER STA	CIVIL&ENV (133-G272)	500.00
139.	SIEMENS ISELIN, NJ DUAL ENERGY PROJECT MSN HS-MED RADIOLOGY	(133-G284)	5,200.00
140.	RUNYON (DAMON) - WINCHELL (WALTER) CANCER FUND NEW YORK, NY POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 10-01-83 THRU 09-30-85 AT A \$35,000 LEVEL AWARD # DRG-694 MSN AG&LSC BACTERIOLOGY	(133-G329)	18,000.00
141.	GENERAL ELECTRIC COMPANY RICHMOND HEIGHTS, OH CRITICAL CURRENT EVALUATION OF NMR CONDUCTORS AWARD # 7240-77256-2,7640-34525-5 MSN ENGR ENGR EXPER STA	MET & MIN (133-G332)	838.75
142.	AGRIGENETICS CORPORATION MADISON, WI DEFRAY COST OF MAGNET FOR NEW HIGH RESOLUTION MASS SPECTROMETER MSN AG&LSC BIOCHEMISTRY	(133-G347)	5,000.00
143.	DERSE & SCHROEDER ASSOCIATES LTD. MADISON, WI PSYLLIUM LAXATIVE STUDY MSN AG&LSC NUTRITIONAL SCI	(133-G365)	12,000.00
144.	MICROBIOLOGICAL ASSOCIATES UNIT OF WHITTAKER CORPORATION BETHESDA, MD DROSOPHILA SLRL STUDIES MSN L&S ZOOLOGY	(133-G367)	28,400.00

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145.	DOW CORNING CORPORATION MIDLAND, MI FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR ENGR EXPER STA CHEM ENGR (133-G552)	16,900.00
146.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI INCREASED BEEF PRODUCTION FROM THE WISCONSIN DAIRY AND GRAIN INDUSTRIES MSN AG&LSC MEAT& ANIMAL SCI (133-G553)	2,500.00
147.	PFIZER, INC. GROTON, CT MULTI-CLINIC STUDY OF THE EFFECTS OF SORBINIL COMPARED TO PLACEBO ON THE DEVELOPMENT OF DIABETIC RETINOPATHY AND NEUROPATHY-READING CENTER AT A \$276,966.00 LEVEL MSN HS-MED OPHTHALMOLOGY (133-G555)	140,934.00
148.	STUDY TRANSFORMATION OF HEALTH SERVICES IN THE 1980'S ILLUSTRATIONS FROM DANE COUNTY, WI MSN HS-MED FAM MED & PRACT (133-G556)	
	5,000.00 MULTIPLE DONORS 2,000.00 GROUP HEALTH COOPERATIVE OF SOUTH CENTRAL WISCONSIN MADISON, WI	
		7,000.00
149.	MCDONALD'S CORPORATION OAK BROOK, IL CONTROL OF FOOD-BORNE PATHOGENS MSN AG&LSC FOOD MICRO&TOXIC (133-G561)	2,000.00
150.	WISC DEPT OF TRANSPORTATION MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 08-29-83 THRU 12-23-84 AT A \$12,189.71 LEVEL AWARD # P.O. # TREO2319 MSN BUS SCH OF BUSINESS (133-G594)	2,838.20
151.	WISCONSIN PORK PRODUCERS LANCASTER, WI EFFECT OF FAT SUPPLEMENTATION OF THE NEWBORN PIGLET ON GLYCOGEN UTILIZATION AND THE RATE OF PROTEIN BREAKDOWN MSN AG&LSC MEAT& ANIMAL SCI (133-G605)	2,300.00
152.	AMYOTROPHIC LATERAL SCLEROSIS SOCIETY OF AMERICA SHERMAN OAKS, CA THYROTROPIN-RELEASING HORMONE TREATMENT OF MURINE NEUROTROPIC RETROVIRUS INDUCED MOTOR NEURON DISEASE: A CLINICAL ELECTROPHYSIOLOGICAL PATHOLOGICAL AND BIOCHEMICAL STUDY FOR THE PERIOD 01-01-84 THRU 12-31-84 AT A \$40,902.00 LEVEL MSN HS-MED NEUROLOGY (133-G631)	20,902.00

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153.	NATIONAL LIVE STOCK & MEAT BOARD CHICAGO, IL BIOLOGICAL OXIDATION OF LIPOPROTEIN CHOLESTEROL AT A \$24,405 LEVEL MSN AG&LSC BIOCHEMISTRY	(133-G646)	11,810.00
154.	NEUROLOGY CLINICAL PRACTICE PLAN OF AFFILIATED UNIVERSITY PHYSICIANS MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	3,847.00
155.	CHEVRON RESEARCH COMPANY RICHMOND, CA RESEARCH IN PHOTOIONIZATION SPECTROSCOPY MSN L&S CHEMISTRY	(133-G716)	7,500.00
156.	UNION OIL COMPANY OF CALIFORNIA UNION SCIENCE AND TECHNOLOGY DIVISION BREA, CA RESEARCH IN ANCIENT CLASTIC SEDIMENTS IN THE WESTERN U.S. MSN L&S GEOL & GEOPHYSICS	(133-G722)	7,500.00
157.	STERLING-WINTHROP RESEARCH INSTITUTE RENSELAER, NY A 3-MONTH STUDY OF 0.2% TORNALATE (BITOLTEROL) SOLUTION IN TREATMENT OF STEROID AND NONSTEROID-DEPENDENT ASTHMA MSN HS-MED MEDICINE ALLRGY&IMM	(133-G723)	30,431.50
158.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND MSN HS-MED OPHTHALMOLOGY	(133-G810)	6,079.00
159.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND MSN HS-MED OPHTHALMOLOGY	(133-G811)	8,419.00
160.	ROLE OF REACTIVE OXYGEN METABOLITES IN CELL DIVISION MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-G909)	
	230.00 MULTIPLE DONORS 1,000.00 BAME (FRED H) MOUND, MN		
			1,230.00
161.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 04-01-84 THRU 03-31-85 AT A \$46,708.50 LEVEL MSN ENGR ENGR EXPER STA HLTH SYS'S	(133-G924)	2,644.50

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162.	KIMBERLY-CLARK CORPORATION ROSWELL, GA EVALUATION OF MILK FILTER MEDIA MSN AG&LSC FOOD SCIENCE	(133-G928)	4,125.00
163.	MULTIPLE DONORS LEUKEMIA HEMATOLOGY RESEARCH FUND MSN HS-MED MEDICINE HEMATOLOGY	(133-G947)	80.00
164.	RESOURCES MANAGEMENT INTERNATIONAL, INC. WASHINGTON, DC RESEARCH ON BARK AND AMBROSIA BEETLES MSN AG&LSC ENTOMOLOGY	(133-G981)	566.64
165.	UPJOHN COMPANY KALAMAZOO, MI RESEARCH PROGRAM SUPPORT MSN L&S ZOOLOGY	(133-G988)	1,500.00
166.	SOAP & DETERGENT ASSOCIATION NEW YORK, NY RESEARCH IN SANITARY ENGINEERING MSN ENGR ENGR EXPER STA CIVIL&ENV	(133-H006)	500.00
167.	GLAXO INC. RESEARCH TRIANGLE PARK, NC DOUBLE-BLIND PARALLEL STUDY OF EFFICACY OF ALBUTEROL ROTOCAPS VERSUS ALBUTEROL AEROSOL IN CHRONIC REVERSIBLE OBSTRUCTIVE AIRWAY DISEASE MSN HS-MED MEDICINE ALLRGY&IMM	(133-H014)	16,142.00
168.	WISCONSIN GINSENG GROWERS ASSOCIATION, INC. WAUSAU, WI RESEARCH ON REGISTRATION OF PESTICIDES ON GINSENG MSN AG&LSC PLANT PATHOLOGY	(133-H036)	3,000.00
169.	MULTIPLE DONORS NATURAL HISTORY COUNCIL AWARD MSN L&S ZOOLOGY	(133-H119)	40.00
170.	GLAXO INC. RESEARCH TRIANGLE PARK, NC SINGLE DOSE, DOUBLE BLIND, PLACEBO-CONTROLLED CROSSOVER STUDY OF THE EFFICACY OF ALBUTEROL AEROSOL AGAINST EXERCISE-INDUCED BRONCHOSPASM IN TRAINED ATHLETES MSN HS-MED MEDICINE ALLRGY&IMM	(133-H129)	6,270.00
171.	NAUTILUS RESEARCH CORPORATION MADISON, WI AN EVALUATION OF STOOL CHARACTERISTICS OF TWO DOSAGE REGIMENS OF A NEW BULK LAXATIVE VS. PLACEBO IN NORMAL HEALTHY HUMAN VOLUNTEERS MSN HS-MED MEDICINE GASTROENT	(133-H206)	12,703.00

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172.	SCHERING CORPORATION KENILWORTH, NJ USE OF A NEW ANTIHISTAMINE (SCH 29851) IN TREATMENT OF ALLERGIC RHINITIS MSN HS-MED MEDICINE ALLRGY&IMM (133-H207)	12,019.15
173.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELECTRIC POWER SYSTEM RESEARCH MSN ENGR ENGR EXPER STA EL&COMPUT (133-H209)	2,100.00
174.	MULTIPLE DONORS PEDIATRIC CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS (133-H233)	200.00
175.	LITTON INSTITUTE OF APPLIED BIOTECHNOLOGY KENSINGTON, MD SPECIFIC IMMUNOTHERAPY OF CANCER - EST 5283 AT A \$30,000 LEVEL MSN HS-MED SURGERY GEN SURG (133-H280)	3,000.00
176.	WISC DEPT OF NATURAL RESOURCES MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 06-04-84 THRU 12-31-84 AT A \$2,323 LEVEL MSN L&S LIB&INF ST (133-H284)	598.00
177.	WISC DEPT OF INDUSTRY LABOR AND HUMAN RELATIONS MADISON, WI GROUNDWATER MOUNDING UNDER A LARGE SCALE WASTEWATER SOIL ABSORPTION STUDY FOR THE PERIOD 06-01-84 THRU 08-31-85 AWARD # P.O. #ILE-00981 MSN AG&LSC N R-RSRC POLICY SS WASTE-G (133-H328)	14,041.00
178.	MULTIPLE DONORS DICTIONARY OF AMERICAN REGIONAL ENGLISH MATCHING MSN L&S ENGLISH (133-H337)	100.00
179.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PHASE DIAGRAM AND THERMODYNAMIC STUDIES MSN ENGR ENGR EXPER STA MET & MIN (133-H350)	5,000.00
180.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WALDEN PARK MSN AG&LSC NR-LANDSCAP ARCH (133-H363)	303.73
181.	GEOSYSTEM S.R.L. MILAN, ITALY STRAITS OF MESSINA SEISMIC PROJECT, PHASE 2: EXPLOSION STUDY MSN L&S GEOL & GEOPHYSCS GEO&POL R (133-H424)	31,580.00

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182.	SIMON (JENNIFER JONES) FOUNDATION FOR MENTAL HEALTH AND EDUCATION PASADENA, CA U.W. CYCLOTRON ACQUISITION FUND MSN HS-MED MEDICAL PHYSICS	(133-H461)	32,500.00
183.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AMOCO FOUNDATION FELLOWSHIP MSN AG&LSC BIOCHEMISTRY	(133-H475)	14,656.00
184.	WISC DEPT OF TRANSPORTATION MADISON, WI ASSESSING THE IMPACT OF PUBLIC INVESTMENT IN TRANSPORTATION ON WISCONSIN'S ECONOMY FOR THE PERIOD 08-27-84 THRU 06-30-85 AWARD # P.O. #TREQ1714 MSN L&S URBAN & REG PLAN	(133-H485)	27,238.00
185.	OFFICE OF THE STATE PUBLIC DEFENDER MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 08-27-84 THRU 05-26-85 MSN L&S SOCIAL WORK	(133-H493)	11,883.97
186.	SMITH, KLINE, AND FRENCH LABORATORIES PHILADELPHIA, PA "ANCEF" STUDY, AF-101 MSN HS-MED MEDICINE INFECT DIS	(133-H495)	26,685.00
187.	AMERICAN BAR FOUNDATION CHICAGO, IL HISTORY OF PROCESS OF DEVELOPMENT OF NEW MODEL RULES OF PROFESSIONAL CONDUCT BY ABA MSN LAW LAW SCHOOL	(133-H524)	20,000.00
188.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA INDOOR AIR QUALITY MODELING FOR EXPOSURE ASSESSMENT FOR THE PERIOD 09-11-84 THRU 03-31-85 AWARD # RP2378-12 MSN ENV ST CT HUMAN SYSTEMS	(133-H542)	39,150.00
189.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW FUND RESEARCH SUPPORT MSN GRAD ADMINISTRATION ADMIN	(133-H543)	10,000.00
190.	RADIATION MEASUREMENTS INCORPORATED MIDDLETON, WI RESEARCH AND DEVELOPMENT IN DIAGNOSTIC RADIOLOGY PHYSICS FOR THE PERIOD 10-01-84 THRU 09-30-85 MSN HS-MED MEDICAL PHYSICS	(133-H544)	10,000.00
191.	GRAYSON FOUNDATION, INC. LEXINGTON, KY AN ENDOSCOPIC, ELECTROPHYSIOLOGIC AND HISTOLOGIC STUDY OF THE EQUINE LARYNX FOR THE PERIOD 09-01-84 THRU 08-31-85 MSN VET M MEDICAL SCIENCES	(133-H545)	17,050.00

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192.	AMERICAN FARM PRODUCTS, INC. YPSILANTI, MI FORAGE MANAGEMENT AND UTILIZATION MSN AG&LSC AGRONOMY	(133-H546)	4,385.27
193.	AMERICAN MEAT INSTITUTE WASHINGTON, DC INVESTIGATION OF A MUTAGENESIS MODULATOR MSN AG&LSC FOOD MICRO&TOXIC	(133-H547)	10,000.00
194.	INSTITUTE OF INTERNATIONAL EDUCATION NEW YORK, NY GRADUATE STUDY SUPPORT MSN AG&LSC HORTICULTURE	(133-H548)	750.00
195.	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)	1,000.00
196.	CALIFORNIA STATE UNIVERSITY NORTHRIDGE, CA PUBLICATION SUPPORT FOR "THE LIFE AND THOUGHT OF JOSIAH ROYCE" BY JOHN CLENDENNING MSN GRAD U W PRESS	(133-H553)	2,500.00
197.	WISC DEPT OF DEVELOPMENT MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 09-24-84 THRU 01-11-85 MSN L&S PUBL POL&ADM RES	(133-H554)	2,935.28
198.	ABBOTT LABORATORIES NORTH CHICAGO, IL HORMONE RECEPTOR RESEARCH MSN HS-MED HUMAN ONCOLOGY	(133-H556)	7,000.00
199.	NATIONAL KIDNEY FOUNDATION OF WISCONSIN, INC WAUWATOSA, WI STUDIES OF THE POSSIBLE ROLE OF REACTIVE OXYGEN METABOLITES IN ALLOGRAFT REJECTION MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-H557)	6,500.00
200.	BRADY (W H) CO. MILWAUKEE, WI THIN FILM DEVICE RESEARCH MSN ENGR ENGR EXPER STA EL&COMPUT	(133-H561)	49,900.00
201.	STERLING-WINTHROP RESEARCH INSTITUTE RENSSELAER, NY SAFETY AND EFFICACY OF TORNALATE (BITOLTEROL) IN THE TREATMENT OF CHILDHOOD ASTHMA MSN HS-MED MEDICINE ALLRGY&IMM	(133-H563)	20,000.00

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202.	PARK CITY MUNICIPAL CORPORATION PARK CITY, UT SPIRO TUNNEL MAINTENANCE FOR HIGH ENERGY PHYSICS RESEARCH MSN L&S PHYSICS	(133-H565)	10,272.88
203.	WISCONSIN PORK PRODUCERS LANCASTER, WI VALUE OF RAW SOYBEANS IN GESTATION AND LACTATION DIETS MSN AG&LSC MEAT& ANIMAL SCI	(133-H569)	1,500.00
204.	AMERICAN COUNCIL OF LIFE INSURANCE WASHINGTON, DC POSTDOCTORAL FELLOWSHIP MSN HS-MED ONCOLOGY	(133-H575)	5,000.00
205.	PITOMETER ASSOCIATES CHICAGO, IL WATER SUPPLY ENGINEERING MSN ENGR ENGR EXPER STA CIVIL&ENV	(133-H576)	3,700.00
206.	RADIATION MEASUREMENTS INCORPORATED MIDDLETON, WI QUALITY ASSURANCE PHANTOMS FOR DIAGNOSTIC RADIOLOGY FOR THE PERIOD 10-01-84 THRU 09-30-85 MSN HS-MED MEDICAL PHYSICS	(133-H580)	13,593.00
207.	LILLY (ELI) AND COMPANY INDIANAPOLIS, IN MOXALACTAM STUDY MSN HS-MED MEDICINE INFECT DIS	(133-H581)	11,861.50
208.	AMERICA-MIDEAST EDUCATIONAL & TRAINING SERVICES, INC. WASHINGTON, DC AMIDEAST PEACE FELLOWSHIP PROGRAM FOR EGYPT FOR THE PERIOD 08-12-84 THRU 05-11-86 MSN GRAD ENZYME INSTITUTE	(133-H582)	6,000.00
209.	AMERICAN OCCUPATIONAL THERAPY FOUNDATION, INC. ROCKVILLE, MD CLINICAL REASONING OF PSYCHOSOCIAL OCCUPATIONAL THERAPISTS MSN HS-A H ADMINISTRATION	(133-H583)	3,000.00
210.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 09-15-84 THRU 02-14-85 AWARD # 84-1 BROECKEL MSN AG&LSC NAT RSRCS- ADMIN	(133-H599)	1,800.00
211.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 09-01-84 THRU 12-31-84 AWARD # 84-1 MEYER MSN AG&LSC NAT RSRCS- ADMIN	(133-H600)	500.00

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212.	INTERNATIONAL MINERALS & CHEMICAL CORPORATION TERRE HAUTE, IN EFFECTS OF RALGRO ON PERFORMANCE AND CARCASS CHARACTERISTICS OF HOLSTEIN STEERS MSN AG&LSC MEAT& ANIMAL SCI (133-H601)	6,000.00
213.	SORENSEN (DR. AAGE B) MADISON, WI COMPLETION OF SOCIAL CHANGE AND AGE GRADED LIFE EVENTS PROJECT MSN GRAD INST-AGING&ADULT (133-H603)	4,727.00
214.	VIRAL ANTIGENS, INC. MEMPHIS, TN TESTING DIAGNOSTIC REAGENT FOR DETERMINATION OF ANTIBODY TO PSEUDORABIES MSN VET M PATHOBIOLOG SCI (133-H604)	1,300.00
215.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN STAPHYLOCOCCUS SURVEILLANCE STUDY MSN HS-MED MEDICINE INFECT DIS (133-H608)	3,500.00
216.	MULTIPLE DONORS IN MEMORY OF LARRY HALE LEUKEMIA RESEARCH MSN HS-MED (133-H609)	500.00
217.	POTASH CORPORATION OF SASKATCHEWAN SASKATOON, SASKATCHEWAN, CANADA SOIL COMPACTION AND PLANT NUTRIENT INTERACTION MSN AG&LSC SOIL SCIENCE (133-H610)	10,500.00
218.	WISCONSIN SOCIETY FOR JEWISH LEARNING, INC. MILWAUKEE, WI PARTIAL PUBLICATION SUPPORT FOR "EGYPTIAN LOVE SONGS" BY MICHAEL V. FOX MSN GRAD U W PRESS (133-H611)	1,000.00
219.	WHIRLPOOL CORPORATION BENTON HARBOR, MI BRUSHLESS DC MOTOR SYSTEM CONTROL MSN ENGR ENGR EXPER STA EL&COMPUT (133-H613)	13,810.00
220.	WHIRLPOOL CORPORATION BENTON HARBOR, MI MODELING OF A DIRECT CURRENT ELECTRIC MOTOR DRIVE MSN ENGR ENGR EXPER STA EL&COMPUT (133-H614)	13,810.00
221.	BOEHRINGER INGELHEIM LTD. CHICAGO, IL PHASE I STUDY OF METHOTREXATE AND DIPYRIDAMOLE MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-H690)	10,000.00
222.	ALCOHOLIC BEVERAGE MEDICAL RESEARCH FOUNDATION BALTIMORE, MD CEREBROSPINAL FLUID CATECHOLAMINE MEASURES AND ALCOHOL CONSUMPTION IN MONKEYS FOR THE PERIOD 01-01-85 THRU 12-31-85 MSN HS-PSY PSYCHIATRIC INST (133-H691)	25,500.00

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223.	WESTINGHOUSE ELECTRIC CORPORATION PITTSBURGH, PA TURBULENT CONDENSATION HEAT TRANSFER AWARD # P.O.#546-BSM-454769-SN MSN ENGR ENGR EXPER STA NUCL ENGR (133-H692)	37,500.00
224.	INTERNATIONAL BUSINESS MACHINES CORPORATION DEUTSCHLAND GMBH STUTTGART, FEDERAL REPUBLIC OF GERMANY STUDIES IN NUMERICAL INTEGRATION USING AUTOMATIC DIFFERENTIATION AND AN OPTIMAL COMPUTER ARITHMETIC FOR THE PERIOD 10-15-84 THRU 08-31-85 MSN L&S MATH RES CTR (133-H695)	23,615.00
225.	GENERAL MOTORS CORPORATION WARREN, MI DIE AND MOLD MANUFACTURING CELL RESEARCH AWARD # P.O. #PM000753 MSN ENGR ENGR EXPER STA MECH ENGR (133-H696)	49,480.00
226.	WORLD HEALTH ORGANIZATION GENEVA, SWITZERLAND ANIMAL MODELS FOR STUDY OF VIRULENCE AND PROTECTIVE IMMUNITY MSN HS-MED MED MICROBIOLOGY (133-H697)	20,000.00
227.	AGDIA, INC. GRANGER, IN RESEARCH ON VIRUSES IN POTATOES: POTATO SPINDLE TUBER VIROID, RINGROT MSN AG&LSC PLANT PATHOLOGY (133-H698)	1,000.00
228.	AMERICAN NURSES' FOUNDATION, INC. KANSAS CITY, MO 1-25 DIHYDROXYVITAMIN D OF MOTHER/DAUGHTER PAIRS FOR THE PERIOD 10-01-84 THRU 09-30-85 MSN HS-NUR (133-H700)	2,500.00
229.	AMERICAN SOCIETY OF PREVENTIVE ONCOLOGY MEMORIAL SLOAN-KETTERING CANCER CENTER NEW YORK, NY ADMINISTRATIVE SUPPORT FOR THE AMERICAN SOCIETY OF PREVENTIVE ONCOLOGY FOR THE PERIOD 07-01-84 THRU 06-30-85 MSN HS-MED HUMAN ONCOLOGY CAN C-REGN (133-H702)	9,008.00
230.	STUDY OF BASIC AND CLINICAL ASPECTS OF EXPERIMENTAL FLUORINE TOXICOSIS MSN AG&LSC BIOCHEMISTRY (133-3220)	
	4,000.00 ARCO METALS COMPANY ARLINGTON HEIGHTS, IL	
	4,000.00 ANONYMOUS DONOR	
		8,000.00

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231.	MULTIPLE DONORS IN MEMORY OF HEIDI LUDWIG LEUKEMIA RESEARCH-DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-3535)	800.00
232.	MULTIPLE DONORS UNRESTRICTED FUND TO BE USED AT THE DISCRETION OF THE CHAIRMAN OF THE DEPARTMENT OF GENETICS (MEDICAL) AS APPROVED BY THE DEAN OF THE MEDICAL SCHOOL MSN HS-MED GENETICS	(133-4379)	200.00
233.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	
	1,500.00	ROHM AND HAAS COMPANY PHILADELPHIA, PA	
	1,500.00	UNIROYAL CHEMICAL COMPANY LEXINGTON, KY	
	2,500.00	AMERICAN CYANAMID COMPANY PRINCETON, NJ	
	8,000.00	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI	
			13,500.00
234.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC	(133-5328)	257,000.00
235.	WISCONSIN COUNCIL OF THE BLIND, INC. MADISON, WI RESEARCH IN DIABETIC RETINOPATHY MSN HS-MED OPHTHALMOLOGY	(133-5612)	1,000.00
236.	FMC CORPORATION PRINCETON, NJ TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY	(133-6855)	1,500.00
237.	SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	
	750.00	MULTIPLE DONORS	
	1,800.00	ROHM AND HAAS COMPANY PHILADELPHIA, PA	
	1,000.00	UNIROYAL CHEMICAL COMPANY LEXINGTON, KY	
	8,000.00-	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI	
			4,450.00-

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238.	ORE-IDA FOODS, INC. ONTARIO, OR POTATO RESEARCH MSN AG&LSC HORTICULTURE	(133-7371)	2,400.00
239.	MULTIPLE DONORS GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-8218)	225.69
240.	WILDLIFE MANAGEMENT INSTITUTE WASHINGTON, DC COOPERATIVE WILDLIFE RESEARCH MSN AG&LSC N R-WILDLIF ECOL	(133-8821)	500.00
241.	MULTIPLE DONORS ADULT NEPHROTIC SYNDROME STUDY MSN HS-MED MEDICINE NEPHROLOGY	(133-8979)	170.00
242.	MULTIPLE DONORS HERBICIDE RESEARCH PROGRAM MSN AG&LSC AGRONOMY	(133-9070)	630.00
243.	MULTIPLE DONORS IN MEMORY OF JOYCE KLINE PULETTI SUPPORT CANCER RESEARCH IN THE CLINICAL CANCER CENTER MSN HS-MED HUMAN ONCOLOGY	(133-9268)	375.00
244.	BRUNSWICK FOUNDATION SKOKIE, IL BRUNSWICK FOUNDATION FELLOWSHIP IN THE DEPARTMENT OF MECHANICAL ENGINEERING MSN ENGR ENGR EXPR STA MECH ENGR	(133-9631)	5,000.00
245.	PIONEER HI-BRED INTERNATIONAL, INC. DES MOINES, IA WISCONSIN AGRONOMY CORN GENETICS RESEARCH FUND MSN AG&LSC AGRONOMY	(133-9931)	3,000.00

STUDENT AID

1.	CALIFORNIA FIRST BANK SAN DIEGO, CA MANCHESTER, JOHN D. MANCHESTER, JOHN D. MSN G SERV FELLOWS & SCHOLS	(LOANS)	30,190.34
2.	SALMON, CHARLES MADISON, WI OWEN, RAY AND THEO--SCHOLARSHIP MSN ENGR CIVIL & ENV ENGR	(TRUST)	25.00
3.	CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN DENNE TRUST SCHULTE, HELEN DENNE--LOAN FUND MSN HS-NUR	(TRUST)	11,003.63

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4.	CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN DENNE TRUST SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR	(TRUST)	11,003.62
5.	AT & T BELL LABORATORIES MORRISTOWN, NJ BELL LABORATORIES (AT & T) PH.D. SCHOLARSHIP PROGRAM MSN L&S COMPUTER SCI	(TRUST)	443.63
6.	MULTIPLE DONORS PHI OMEGA PI SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC	(TRUST)	150.00
7.	ANONYMOUS DONOR BUNGE, HELEN L.--SCHOLARSHIP MSN HS-NUR	(TRUST)	2,000.00
8.	PRUDENTIAL INSURANCE COMPANY POLICY DIVIDENDS- HARRY J. ROWE UW-MADISON LEADERSHIP TRUST MSN G SERV FELLOWS & SCHOLS	(TRUST)	60.11
9.	BERKSHIRE BANK & TRUST COMPANY PITTSFIELD, MASS SHORT, JENOSIE B. ESTATE BROWN, LEWIS RAYMOND--SCHOLARSHIP MSN ENGR ADMINISTRATION	(TRUST)	40,000.00
10.	ALTHEIMER, ALAN J. EXECUTOR CHICAGO, IL - FREIDMAN, CHARLOTTE A. BEQUEST INCOME ONLY FOR SCHOLARSHIPS TO STUDENTS IN THE LIBRARY SCHOOL FREIDMAN, CHARLOTTE A. SCHOLARSHIP FUND--LIBRARY SCHOOL MSN L&S LIB&INF ST	(TRUST)	11,944.00
11.	PETERSON, H. ISABELLE SCHOLARSHIP FUND MSN HS-MED	(TRUST)	
	695.00 MULTIPLE DONORS		\$ 545.00
			ZU-RHEIN, DR. GABRIELE-MADISON, WI 50.00
			FROLAND, VIRGINIA M.-MADISON, WI 50.00
			WALKER, DUARD L.-MADISON, WI 50.00
	200.00		CLARK, ALLEN W.-MADISON, WI \$ 50.00
			MOFFET, HUGH L. M.D.-MADISON, WI 50.00
			ANGEVINE, MARK M.D.-MADISON, WI 50.00
			LOBECK, CHARLES C.-MADISON, WI 50.00
	400.00		EICHMAN, PETER L. M.D.-MADISON, WI \$ 100.00
			FRAZER, SAMUEL L. .M.D.-MADISON, WI 100.00
			KEENE, JAMES S. M.D.-MADISON, WI 100.00
			LAXOVA, RENATA M.D.-MADISON, WI 100.00
	200.00		HARKNESS, DONALD M.D.-MADISON, WI \$ 50.00
			OLSON, DR. RONALD W.-MADISON, WI 50.00
			FREEMAN, D. J. M.D.-WAUSAU, WI 50.00
			THOMAS, CORETTA S.-MADISON, WI 50.00
			1,495.00

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12.	DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM ROCKVILLE, MD PREDOCTORAL FELLOWSHIP AWARD FOR THE PERIOD 09-19-84 THROUGH 09-18-85 AWARD # 1 F31 MHO9217-01 MSN GRAD L&S	SOCIAL WK (144-W056)	8,292.00
13.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI MR. & MRS. HARRY A. BULLIS SCHOLARSHIP MSN L&S ECONOMICS	(135-0064)	4,000.00
14.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GEORGE KOEPPPEL MEMORIAL SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEANS OFF	(133-A738)	12,250.00
15.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RONALD W. ZINNS MEMORIAL SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEANS OFF	(133-A739)	10,500.00
16.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIP IN MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR	(133-A754)	5,300.00
17.	GENERAL MOTORS CORPORATION DETROIT, MI GENERAL MOTORS SCHOLARSHIP PLAN MSN ENGR ADMINISTRATION	(133-B280)	10,574.50
18.	BAKER (ROBERT EARL) ESTATE PITTSBURGH, PA VIOLA JURGERSON BAKER MEMORIAL FUND MSN FR&CS FAM RSRC&CNSM SC	(133-B967)	1,214.28
19.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI A. H. EDGERTON MEMORIAL FUND MSN EDUC GENERAL ADMIN DEANS OFF	(133-D034)	500.00
20.	AMERICAN CAN COMPANY NEENAH, WI UNDERGRADUATE SCHOLARSHIPS IN CHEMICAL OR MECHANICAL ENGINEERING MSN ENGR	(133-D270)	3,500.00
21.	CONGOLEUM CORPORATION PORTSMOUTH, NH CONGOLEUM CORPORATION SCHOLARSHIPS MSN BUS SCH OF BUSINESS	(133-D279)	3,000.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TOUCHE ROSS & CO. SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-D281)	800.00

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23.	WISCONSIN AGLIME ASSOCIATION FORT ATKINSON, WI WISCONSIN AGLIME ASSOCIATION SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-D769)	250.00
24.	WAUKESHA COUNTY PHARMACEUTICAL ASSOCIATION PEWAUKEE, WI UNDERGRADUATE SCHOLARSHIPS MSN HS-PHR PHARMACY (133-D965)	300.00
25.	UNIVERSITY LEAGUE, INC. MADISON, WI SCHOLARSHIPS FOR MEDICAL STUDENTS MSN HS-MED (133-E014)	700.00
26.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTHUR H. CARTER SCHOLARSHIP FUND MSN BUS SCH OF BUSINESS (133-E050)	2,500.00
27.	INSTITUTE OF NUCLEAR POWER OPERATIONS ATLANTA, GA INPO FELLOWSHIP IN NUCLEAR ENGINEERING AT A \$67,854.16 LEVEL MSN ENGR ENGR EXPER STA NUCL ENGR (133-E059)	18,000.00
28.	AMERICAN VACUUM SOCIETY GAINESVILLE, FL AVS SCHOLARSHIP MSN ENGR ENGR EXPER STA MET & MIN (133-E082)	500.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI O. R. ZEASMAN MEMORIAL SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-E258)	226.11
30.	TRANE COMPANY FOUNDATION, INC. LA CROSSE, WI SCHOLARSHIP IN MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR (133-E726)	300.00
31.	EASTMAN KODAK COMPANY ROCHESTER, NY FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR (133-E746)	5,530.50
32.	SPECIAL EDITION COMMITTEE MADISON, WI JOHN WYNGAARD SCHOLARSHIP MSN L&S JOURN & MASS COM (133-E769)	1,200.00
33.	WISCONSIN ASSOCIATION OF MANUFACTURER'S AGENTS, INC. MEQUON, WI WISCONSIN ASSOCIATION OF MANUFACTURER'S AGENTS, INC. SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-E810)	500.00

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34.	HERTZ (FANNIE AND JOHN) FOUNDATION LIVERMORE, CA FANNIE AND JOHN HERTZ FOUNDATION FELLOWSHIP FOR THE PERIOD 08-31-81 THRU 08-31-85 AT A \$116,943.77 LEVEL MSN GRAD	(133-E820)	48,301.50
35.	GRACE (W R) & CO. COLUMBIA, MD GRADUATE FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY	(133-F143)	9,000.00
36.	GRACE (W R) & CO. COLUMBIA, MD FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR ENGR EXPER STA CHEM ENGR	(133-F189)	9,000.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VIRCHOW KRAUSE & CO. SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-F253)	150.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DOCTORAL FELLOWSHIP SUPPORT MSN L&S GEOL & GEOPHYSCS	(133-F581)	25,000.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR ENGR EXPER STA CHEM ENGR	(133-F608)	5,000.00
40.	WISCONSIN CLAIMS COUNCIL WAUKESHA, WI WISCONSIN CLAIMS COUNCIL SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-F732)	1,000.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WES HANSCHER MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-G550)	547.88
42.	BAIRD (ROBERT W) & CO., INC. MILWAUKEE, WI ROBERT W. BAIRD & CO. INVESTMENT RESEARCH SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-G584)	1,000.00
43.	EASTMAN KODAK COMPANY ROCHESTER, NY SCHOOL OF BUSINESS UNDERGRADUATE SCHOLARSHIPS MSN BUS SCH OF BUSINESS	(133-G691)	899.26
44.	EASTMAN KODAK COMPANY ROCHESTER, NY COLLEGE OF LETTERS AND SCIENCE UNDERGRADUATE SCHOLARSHIPS MSN L&S ADMINISTRATION	(133-G692)	899.26

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45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNIVERSAL OIL PRODUCTS FELLOWSHIP MSN ENGR ENGR EXPER STA CHEM ENGR (133-G710)	11,000.00
46.	WISCONSIN GOLF COURSE SUPERINTENDENTS ASSOCIATION BROOKFIELD, WI WISCONSIN GOLF COURSE SUPERINTENDENTS ASSOCIATION SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-G773)	250.00
47.	RUTH MILLER KUHLMAN SCHOLARSHIP MSN L&S CLASSICS (133-G890)	
	240.00 MULTIPLE DONORS 1,800.00 KUHLMAN (MYRON G) BEAUMONT, TX	
		2,040.00
48.	WISCONSIN TURFGRASS ASSOCIATION MARSHALL, WI WISCONSIN TURFGRASS ASSOCIATION SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-G938)	250.00
49.	INTERNATIONAL BUSINESS MACHINES CORPORATION SAN JOSE, CA IBM PREDOCTORAL FELLOWSHIP MSN L&S CHEMISTRY (133-H474)	12,000.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNDERGRADUATE SCHOLARSHIP IN ELECTRICAL AND COMPUTER ENGINEERING MSN ENGR ELEC & COMP ENGR (133-H550)	1,800.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JUDSON FELLMAN SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-H562)	50.00
52.	CONOCO, INC. HOUSTON, TX CONOCO PETROLEUM PRODUCTS SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-H572)	2,000.00
53.	CAPELLE (FRED H) SALINA, KS FRED H. CAPELLE/AG JOURNALISM FUND MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-H574)	500.00
54.	MULTIPLE DONORS SCHOOL OF PHARMACY UNDERGRADUATE SCHOLARSHIP FUND MSN HS-PHR PHARMACY (133-1078)	300.00

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55.	BATES & ROGERS FOUNDATION CHICAGO, IL BATES AND ROGERS CIVIL ENGINEERING SCHOLARSHIP AWARDS MSN ENGR CIVIL & ENV ENGR (133-1129)	1,300.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALEXANDER GRANT ACCOUNTING SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-2971)	500.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BETA ALPHA PSI ALUMNI FUND-ACCOUNTING EDUCATIONAL PROGRAM MSN BUS SCH OF BUSINESS (133-3090)	150.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALTA T. AND DANIEL B. STRALEY SCHOLARSHIP FOR ASSISTING STUDENTS INTERESTED IN BECOMING TEACHERS MSN EDUC GENERAL ADMIN DEANS OFF (133-3563)	2,700.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ACCOUNTANCY FELLOWSHIP MSN BUS SCH OF BUSINESS (133-3632)	1,800.03
60.	WISCONSIN FERTILIZER & CHEMICAL ASSOCIATION EVANSVILLE, WI AGRICULTURAL STUDIES AWARD MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-4185)	1,500.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT OF GRADUATE ACCOUNTING SCHOLARSHIPS MSN BUS SCH OF BUSINESS (133-4253)	1,200.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIPS TO GRADUATE OR UNDERGRADUATE STUDENT MAJORING IN ACCOUNTING MSN BUS SCH OF BUSINESS (133-4294)	1,000.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTHUR YOUNG AND COMPANY SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-4295)	1,800.00
64.	GRANT (HARRY J) FOUNDATION MILWAUKEE, WI SCHOOL OF JOURNALISM AND MASS COMMUNICATION SCHOLARSHIP AID MSN L&S JOURN & MASS COM (133-4740)	12,000.00

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65.	WISCONSIN ROAD BUILDERS ASSOCIATION MADISON, WI SCHOLARSHIP IN CIVIL & ENVIRONMENTAL ENGINEERING MSN ENGR CIVIL & ENV ENGR (133-4867)	500.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ERNST & WHINNEY SCHOOL OF BUSINESS SCHOLARSHIP- FELLOWSHIP MSN BUS SCH OF BUSINESS (133-5281)	700.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT ARTS ADMINISTRATION PROGRAM OF THE GRADUATE SCHOOL OF BUSINESS MSN BUS SCH OF BUSINESS (133-6975)	10,000.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHRISTIAN JOHN OTJEN SCHOLARSHIP MSN LAW LAW SCHOOL (133-7354)	1,800.00
69.	BRANN (ETHEL M) FOUNDATION, INC GREEN BAY, WI SCHOLARSHIP FOR GRADUATE STUDY IN THE AREA OF PUBLIC LIBRARIANSHIP MSN L&S LIB&INF ST (133-7541)	750.00
70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIP OR GRANT-IN-AID TO BE MADE TO A STUDENT MAJORING IN ACCOUNTING AND INFORMATION SYSTEMS AND SELECTED BY THAT DEPARTMENT MSN BUS SCH OF BUSINESS (133-7712)	300.00
71.	BANKERS LIFE COMPANY DES MOINES, IA UNDERGRADUATE ACTUARIAL SCHOLARSHIP FUND-HIGH SCHOOL SCHOLARSHIP PROGRAM MSN BUS SCH OF BUSINESS (133-8377)	1,400.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI A. GERTRUDE ANTHONY SCHOLARSHIP IN THE SCHOOL OF EDUCATION MSN EDUC GENERAL ADMIN DEANS OFF (133-8700)	5,945.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANNE L. MARCH SCHOLARSHIP IN THE SCHOOL OF EDUCATION MSN EDUC GENERAL ADMIN DEANS OFF (133-8701)	2,300.00
74.	PARK & ASSOCIATES, S.C. WISCONSIN RAPIDS, WI SCHOOL OF NURSING SCHOLARSHIP FUND MSN HS-NUR (133-8872)	2,000.00

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75.	TENNECO AUTOMOTIVE BANNOCKBURN, IL STUDENT FINANCIAL AID OFFICE-MADISON CAMPUS UNRESTRICTED FUND MSN AC SVC STU FINAN AIDS STU F AIDS (133-8892)	1,000.00
76.	NATIONAL FOOD BROKERS ASSOCIATION EDUCATION FOUNDATION WASHINGTON, DC UNDERGRADUATE SCHOLARSHIP IN AGRICULTURE MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-9494)	1,000.00
77.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI UNDERGRADUATE SCHOLARSHIPS FOR NEEDY YOUNG PERSONS FROM WISCONSIN FAMILY FARMS WHO HAVE FINANCIAL NEED AND WHO ARE ENTERING OR CONTINUING STUDY AT THE UNIVERSITY OF WISCONSIN-MADISON SCHOOL OF FAMILY RESOURCES AND CONSUMER SCIENCES MSN FR&CS FAM RSRC&CNSM SC (133-9594)	750.00
78.	HEATING, PIPING, COOLING COUNCIL MADISON, WI SCHOLARSHIP IN MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR (133-9646)	2,000.00

TOTAL MADISON	17,587,054.01
	=====

INSTRUCTION	441,760.32
LIBRARIES	16,780.13
MISCELLANEOUS	1,642,812.52
PHYSICAL PLANT	498,683.00
RESEARCH	14,603,382.39
STUDENT AID	383,635.65

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UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. SANFORD BAIM
WHITEFISH BAY, WI
GIFT OF 1971, 20 FOOT O'DAY YNGLING SAILBOAT, HULL
NO. 25897 WITH TRAILER, JIB & MAINSAIL, DECK COVER
ANCHOR AND LINE, COMPASS, AND BOAT FENDERS DONATED
TO THE UWM SAILING CLUB
MIL STU AF UNION OPERATIONS UNION OPNS
2. VARIOUS DONORS
GIFT OF VARIOUS BIBLIOGRAPHIC ITEMS DONATED TO THE
UWM GOLDA MEIR LIBRARY DURING THE FISCAL YEAR
1984/85.
MIL LIBR LIBRARY
3. JANE DICUS
MILWAUKEE, WI
GIFT OF SEARS LADY KENMORE STOVE DONATED TO THE
SCHOOL OF EDUCATION EARLY CHILDHOOD CENTER
MIL EDUC EARLY CHILDHD CT
4. SMITH KLINE & FRENCH LABORATORY
MEDICINAL CHEMISTRY - DR. DAVID HILL
PHILADELPHIA, PA
GIFT OF 10 GRAMS OF TRIETHYHPHOSPHINE GOLD (I)
CHLORIDE (SKF 36914), A PRECURSOR FOR GOLD-BASED
ANTI-ARTHRITIC DRUGS DONATED TO THE CHEMISTRY
DEPARTMENT.
AWARD # NONE
MIL L&S CHEMISTRY

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, D. C.
IN SUPPORT OF THE FOLLOWING:
 - 1) MIDWEST NATIONAL ORIGIN DESEGREGATION ASSISTANCE
CENTER
FOR THE PERIOD 07-01-84 THROUGH 09-30-84
AWARD # GO08402059
MIL EDUC CULTURAL FDNS-ED (144-U704) 64,804.00
 - 2) NATIVE AMERICAN GRADUATE EDUCATION PROGRAM,
EDUCATION PERSONNEL DEVELOPMENT
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # GO08420125
MIL EDUC CULTURAL FDNS-ED (144-W049) 159,782.00
2. UNIVERSITY OF NORTH CAROLINA-CHAPEL HILL
CHAPEL HILL, NC
PRIME CONTRACTOR WITH DHHS PHS NIH
EDUCATIONAL PROGRAM FOR NURSES TO INCREASE THEIR
SKILLS RELATED TO ENVIRONMENTAL HEALTH
FOR THE PERIOD 09-14-84 THROUGH 03-31-85
AWARD # UNC NO. 35012
MIL NURS HLTH MAINTENANCE (144-W019) 31,955.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

3. NATIONAL SCIENCE FOUNDATION
WASHINGTON, D. C.
REVITALIZING MATHEMATICS TEACHING WITH HISTORY
FOR THE PERIOD 10-01-84 THROUGH 09-30-86
AWARD # DPE-8470243
MIL L&S MATH SCIENCES (144-W043) 76,572.00
4. INTERNATIONAL BUSINESS MACHINES
ARMONK, N.Y.
IBM PROPOSAL PLANNING GRANT
FOR THE PERIOD 09/01/84 THROUGH 01/15/85
MIL BUS AD MGMNT RESRCH CTR (133-H180) 5,000.00

MISCELLANEOUS

1. VARIOUS GOVERNMENTAL AGENCIES
MILWAUKEE, WI
MILWAUKEE HUMANITIES PROGRAM PUBLICATION RECEIPTS
AWARD # N.A.
MIL L&S HUMANITIES HUMANIT (144-P108) 590.99
2. ST. NORBERT COLLEGE
DE PERE, WI
UWM - OFFICE OF SPONSORED RESEARCH INFORMATION
CENTER ACCOUNT.
MIL GRAD RES & SPONS PRGS RES DEVEL (133-B748) 550.00
3. UWM FOUNDATION
MILWAUKEE, WI
SALARY SUPPORT FOR UWM FOUNDATION
MIL U REL ASST CHAN OFFICE (133-D742) 26,705.00
4. PURPLE LOOSESTRIFE TASK FORCE
WEST BEND, WI
GIFT DONATED TO THE UWM FIELD STATION
MIL L&S FIELD STATION (133-D756) 62.24
5. VARIOUS
DISCRETIONARY USE BY: UWM WOMEN'S GYMNASTICS
MIL STU AF INTRCL ATH-WOMEN GYMNASTICS (133-H132) 106.00
6. MULTIPLE DONORS
MILWAUKEE, WI
BLACK ARTS SUMMER EXPERIENCE, 1984
FOR THE PERIOD 08/01/84 THROUGH 06/30/85
MIL URBN O ADMINISTRATION ADMIN (133-H158) 175.00
7. WATER SERVICES OF AMERICA, INC.
MILWAUKEE, WI
INDUSTRY/STUDENT TEAM DESIGN COURSE
MIL ENG&AS MECHANICAL ENGR (133-8722) 300.00

GIFTS, GRANTS AND CONTRACTS
 NOV 09, 1984

UNIVERSITY OF WISCONSIN - MILWAUKEE

PHYSICAL PLANT

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

RESEARCH

1. FOREST SERVICE
 IRONWOOD, MI
 A CULTURAL RESOURCES SURVEY ON THE OTTAWA
 NATIONAL FOREST
 FOR THE PERIOD 09-14-84 THROUGH 02-15-85
 AWARD # P.O. 43-54A7-734
 MIL L&S ANTHROPOLOGY (144-W033) 3,816.00

2. EDUCATION, DEPT OF
 WASHINGTON, D. C.
 NEUROPSYCHOLOGICAL ASSESSMENT AND TRAINING OF
 COGNITIVE PROCESSING STRATEGIES FOR READING
 RECOGNITION AND COMPREHENSION: A COMPUTER
 ASSISTED PROGRAM FOR LEARNING DISABLED STUDENTS
 FOR THE PERIOD 01-01-85 THROUGH 12-31-85
 AWARD # GO08302986
 MIL EDUC EDUC PSYCHOLOGY (144-W044) 200,046.00

3. WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION
 MADISON, WI
 PRIME CONTRACTOR WITH DED
 USE OF HIGH SCHOOL EQUIVALENCY DIPLOMA TO MEASURE
 READINESS FOR POST SECONDARY EDUCATION AND
 EMPLOYMENT IN WISCONSIN
 FOR THE PERIOD 09-01-84 THROUGH 06-30-85
 AWARD # P.O. PAE 00941
 MIL URBN O ADMINISTRATION ADMIN (144-W036) 19,410.00

4. DOD, AIR FORCE OFFICE OF SCIENTIFIC RESEARCH
 BOLLING AFB, WASHINGTON, D. C.
 SIEVES AND FILTERS FOR GAUSSIAN PROCESSES
 FOR THE PERIOD 09-30-84 THROUGH 09-29-85
 AWARD # AFOSR-84-0329
 MIL L&S MATH SCIENCES (144-W042) 14,758.00

5. ENVIRONMENTAL PROTECTION AGENCY
 WASHINGTON, D.C.
 HISTORICAL RECORDS OF POLLUTANTS IN RECENT
 AQUATIC SEDIMENTS
 FOR THE PERIOD 09-01-83 THROUGH 08-31-85
 AWARD # R-810419-02-0
 MIL ENG&AS CIVIL ENGINEER'G (144-T782) 68,874.00

6. WISCONSIN DEPARTMENT OF NATURAL RESOURCES
 MADISON, WI
 LIFE HISTORY AND DISTRIBUTION OF NORTHERN
 MONKSHOOD
 FOR THE PERIOD 10-01-84 THROUGH 09-30-85
 AWARD # P.O. NRE 93759
 MIL L&S BIOLOGICAL SCI (144-W080) 6,987.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

7. NATIONAL SCIENCE FOUNDATION
 WASHINGTON, D.C.
 RESEARCH IN GRAVITY, QUANTIZED FIELDS AND
 RELATIVISTIC ASTROPHYSICS
 FOR THE PERIOD 06-01-83 THROUGH 11-30-85
 AWARD # PHY-8303597-01
 MIL L&S PHYSICS (144-T204) 19,705.00
8. FEDERAL HIGHWAY ADMINISTRATION
 WASHINGTON, D. C.
 DEVELOPMENT OF A TECHNOLOGY TRANSFER TRAINING
 COURSE (PHASE I)
 FOR THE PERIOD 09-27-84 THROUGH 09-26-85
 AWARD # DTFH61-84-C-00095
 MIL ENG&AS URBN TRANS RES C (144-W041) 77,952.00
9. WISCONSIN SOCIETY FOR JEWISH LEARNING
 MILWAUKEE, WISCONSIN
 RESEARCH PROJECT ON NON-STANDARD ARABIC
 FOR THE PERIOD 09/01/84 THROUGH 08/31/85
 MIL L&S HEBREW STU (133-A455) 1,750.00
10. WISCONSIN SOCIETY FOR JEWISH LEARNING
 MILWAUKEE, WI
 ANNOTATED ENGLISH TRANSLATION OF THE TARGUM
 ONKELOS TO THE PENTATEUCH
 FOR THE PERIOD 09/01/84 THROUGH 08/31/85
 MIL L&S HEBREW STU (133-C663) 1,750.00
11. REXNORD
 MILWAUKEE, WI
 COMPRESSION TESTING OF ROCKS
 FOR THE PERIOD 09/05/84 THROUGH 09/14/84
 AWARD # MC-031984
 MIL ENG&AS CIVIL ENGINEER'G (133-C667) 280.00
12. AN ARCHAEOLOGICAL SURVEY OF A PROPOSED STORM SEWER
 FOR THE VILLAGE OF ROUND LAKE, LAKE COUNTY,
 ILLINOIS
 MIL L&S ANTHROPOLOGY (133-E567)
- 711.00 VILLAGE OF LINDENHURST
 LINDENHURST, IL
 412.00 RICHARD A. MILLER & ASSOCIATES
 CHICAGO, IL
 422.00 CITY OF HARVARD
 HARVARD, IL
- 1,545.00
13. MIDWEST RESEARCH MICROSCOPY
 MILWAUKEE, WI
 SAMPLE ANALYSIS AND CONSULTATION
 MIL L&S PHYSICS (133-E596) 975.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

14.	ALLEN BRADLEY MILWAUKEE, WI EXPERIMENTAL STRESS ANALYSIS FOR THE PERIOD 09/01/84 THROUGH 08/31/85 MIL ENG&AS CIVIL ENGINEER'G	(133-E617)	9,396.00
15.	UNRESTRICTED RESEARCH OF PETER KOVACIC MIL L&S CHEMISTRY	(133-G394)	
	2,200.00 CHEVRON, CHEMICAL CO. RICHMOND, CALIFORNIA		
	2,000.00 SHELL OIL CO. PORTLAND, OR		
			4,200.00
16.	UPJOHN KALAMAZOO, MI CLINICAL EVALUATION STUDY MIL STU AF STUDENT HEALTH ADMIN	(133-G405)	300.00
17.	ACTION FOR GOALS 2000 MILWAUKEE, WI ASSESSING PROGRESS TOWARDS GOALS 2000 FOR THE PERIOD 07/01/84 THROUGH 06/30/85 MIL GRAD URBAN RESRCH CTR	(133-G413)	2,915.50
18.	GREEN BAY METROPOLITAN SEWERAGE DISTRICT GREEN BAY, WI EFFLUENT MIXING ZONE STUDY FOR THE PERIOD 05/01/84 THROUGH 04/30/85 MIL ENG&AS CIVIL ENGINEER'G	(133-H136)	35,399.00
19.	WISCONSIN DEPARTMENT OF DEVELOPMENT MADISON, WI COMBINED FORCED AND NATURAL CONVECTION IN PASSAGES OF COMPLEX GEOMETRY FOR THE PERIOD 06/30/84 THROUGH 06/30/86 AWARD # TDF 1-4 MIL ENG&AS MECHANICAL ENGR	(133-H175)	27,072.00
20.	WISCONSIN DEPARTMENT OF TRANSPORTATION MADISON, WI MULTIPLE OBJECTIVE DECISION MAKING FOR THE PERIOD 08/20/84 THROUGH 06/30/85 AWARD # P.O. TRE01593 MIL ARC&UP URBAN PLANNING	(133-H177)	27,465.00
21.	WEBER EXECUTIVE ALUMNI ASSOCIATION MILWAUKEE, WI EMBA FACULTY RESEARCH SUPPORT MIL BUS AD MGMNT RESRCH CTR	(133-H181)	5,000.00
22.	MCCLURE ENGINEERING ASSOCIATES EAST MOLINE, IL ARCHAEOLOGICAL SURVEY OF A PORTION OF THE RAPIDS CITY SANITARY SEWER ROUTE, ROCK ISLAND COUNTY, ILLINOIS AWARD # RC-21-23-84-045 MIL L&S ANTHROPOLOGY	(133-H182)	1,208.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

23.	AMERICAN NURSES FOUNDATION, INC. KANSAS CITY, MO FACTOR'S RELATED TO REGISTERED NURSE JOB SATISFACTION FOR THE PERIOD 10/01/84 THROUGH 10/01/85 MIL NURS HLTH RESTORATION	(133-H184)	2,500.00
24.	KEULKES, (GEORGE W.) MILWAUKEE, WI LIBRARY RESEARCH MIL GRAD DEANS OFFICE ADMIN	(133-H185)	350.00
25.	AMERICAN NURSES FOUNDATION KANSAS CITY, MO ADAPTATION TO FATHERING: THE FIRST SIX WEEKS OF LIFE FOR THE PERIOD 10/01/84 THROUGH 09/30/85 MIL NURS HLTH RESTORATION	(133-H186)	2,494.00
26.	AMERICAN NURSES FOUNDATION KANSAS CITY, MO URINARY INCONTINENCE DIGANOSED AND MANAGED BY NURSES FOR THE PERIOD 10/01/84 THROUGH 09/30/85 MIL NURS FNDTNS OF NURS'G	(133-H187)	2,494.00
27.	AMERICAN PETROLEUM INSTITUTE DALLAS, TX FLEXURAL CAPACITY OF FABRICATED PIPE AT FIXED ENDS FOR THE PERIOD 09/01/84 THROUGH 08/31/85 AWARD # PRAC #84-54 MIL ENG&AS CIVIL ENGINEER'G	(133-H188)	50,000.00
28.	COMPUTERIZED STRUCTURAL DESIGN MILWAUKEE, WI SKYLIGHT TESTS AWARD # CHECK #18025 MIL ENG&AS CIVIL ENGINEER'G	(133-9372)	643.40

STUDENT AID

1.	EDUCATION, DEPT OF WASHINGTON, D.C. PELL GRANT ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-83 THROUGH 06-30-86 AWARD # RO08402948 MIL STU AF FINANCIAL AID PROV'L&SUP	(144-U408)	2,285.00
2.	UWM FOUNDATION #670 MILWAUKEE, WI SCHOOL OF ARCHITECTURE AND URBAN PLANNING SCHOLARSHIP FUND MIL ARC&UP ADMINISTRATION ADMIN	(133-A492)	4,600.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

STUDENT AID

3.	WAUSAU INSURANCE COMPANIES WAUSAU, WI OCCUPATIONAL HEALTH NURSING SCHOLARSHIP MIL NURS NURSING	(133-D725)	5,000.00
4.	UWM FOUNDATION - FREDERICK LAYTON ENDOWMENT MILWAUKEE, WI FREDERICK LAYTON FELLOWSHIP MIL F ARTS ADMINISTRATION ADMIN	(133-H176)	22,000.00
5.	LYNN RAEBEL UWM ATHLETIC GRANT-IN-AID MIL STU AF INTRCL ATH-WOMEN GYMNASTICS	(133-6363)	50.00
	TOTAL MILWAUKEE		1,035,242.13 =====

INSTRUCTION	338,113.00
MISCELLANEOUS	28,489.23
PHYSICAL PLANT	45,420.00
RESEARCH	589,284.90
STUDENT AID	33,935.00

GIFTS, GRANTS AND CONTRACTS
NOV 09, 1984

UNIVERSITY OF WISCONSIN - EAU CLAIRE

INSTRUCTION

1. EDUCATION, DEPT OF WASHINGTON, DC SPECIAL SERVICES FOR DISADVANTAGED STUDENTS FOR THE PERIOD 09-01-84 THROUGH 08-31-85 AWARD # GO08400957 EAU G AC A EDUCATIONL OPPOR	(144-4040)	129,627.00
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RESEARCH

1. CHIRON CORPORATION EMERYVILLE, CA RESEARCH IN BACTERIAL CELL GROWTH OF DNA AWARD # CHIRON 7/30/84 EAU ART&SC BIOLOGY	(133-5006)	6,148.00
2. WISC DEPT OF TRANSPORTATION EAU CLAIRE, WI HISTORICAL REPORT OF GRAND AVENUE BRIDGE IN NEILLSVILLE, WI AWARD # DOT-8-1-84 EAU ART&SC GEOGRAPHY	(133-5007)	1,121.00

TOTAL EAU CLAIRE		136,896.00 =====
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INSTRUCTION	129,627.00
RESEARCH	7,269.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - GREEN BAY

MISCELLANEOUS

1. MULTIPLE DONORS SCHOOL SERVICES BUREAU GBY AC AFF SCH SVCS BUREAU	(133-C550)	2,846.65
2. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRANKENTHAL AWARD GBY G E A CHANCELLORS OFF ADMIN	(133-E698)	7,820.35
3. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRANKENTHAL PROFESSORSHIP GBY CR COM HUMANISTIC STU	(133-H693)	30,000.00

RESEARCH

1. DOOR (COUNTY OF) LAND CONSERVATION COMMITTEE STURGEON BAY, WI UPPER DOOR PRIORITY WATERSHED PROJECT FOR THE PERIOD 10-18-84 THRU 07-31-85 GBY ENV SC SCI & ENVIR CHG	(133-H699)	14,156.00
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TOTAL GREEN BAY

54,823.00

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MISCELLANEOUS
RESEARCH40,667.00
14,156.00

GIFTS, GRANTS AND CONTRACTS
NOV 09, 1984

UNIVERSITY OF WISCONSIN - LACROSSE

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
SUPPORT FOR SYMPOSIUM ON FUTURISM
FOR THE PERIOD 08-01-84 THROUGH 12-31-84
AWARD # F482-104-R992(L)
LAC EX DIV DEVELOPMENT OFF DEVEL OFF (144-0503) 1,200.00
2. PHI DELTA KAPPA
LACROSSE, WI
SUPPORT FOR CONFERENCE ON EXCELLENCE
IN EDUCATION
LAC EDUC CTR-ED PROFESSNS (133-1201) 1,300.00

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
1984-85 SPECIAL EDUCATION PERSONNEL
PREPARATION GRANT
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # GO08401750
LAC L&S PSYCHOLOGY (144-7890) 64,500.00

RESEARCH

1. WI STATE HISTORICAL SOCIETY
MADISON, WI
PRIME CONTRACTOR WITH INTER
1984-85 REGIONAL ARCHAEOLOGIST GRANT AWARD
FOR THE PERIOD 07-15-84 THROUGH 07-14-85
AWARD # HSE-322
LAC L&S SOCIOL & ANTHROP (144-8825) 20,000.00
2. DE PAUL UNIVERSITY
CHICAGO, IL
PRIME CONTRACTOR WITH NEH
TRANSLATION OF HEIDIGGER PAPERS
FOR THE PERIOD 09-01-84 THROUGH 08-31-85
AWARD # RL-20522-84
LAC L&S PHILOSOPHY (144-7250) 9,132.00
3. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
GRANT TO RESEARCH RIDGED-FIELD AGRICULTURE
IN PREHISTORIC WESTERN WISCONSIN
FOR THE PERIOD 07-15-84 THROUGH 11-30-85
AWARD # BNS-8406863
LAC L&S SOCIOL & ANTHROP (144-8833) 69,580.00
4. MULTIPLE DONORS
1984-85 OPERATING BUDGET FOR MISSISSIPPI VALLEY
ARCHAEOLOGY CENTER BASED ON LOCAL FUND RAISING
LAC L&S SOCIOL & ANTHROP (133-8822) 33,948.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - LACROSSE

RESEARCH

5.	DAIRYLAND POWER COOPERATIVE LACROSSE, WI ARCHAEOLOGICAL SURVEY AT KRAUSE SUBSTATION AWARD # A-099187 LAC L&S SOCIOL & ANTHROP	(133-8835)	2,000.00
6.	DAIRYLAND POWER COOPERATIVE LACROSSE, WI ARCHAEOLOGICAL SURVEY AT HARPERS FERRY POWER STATION AWARD # 099814 LAC L&S SOCIOL & ANTHROP	(133-8840)	500.00
7.	DAIRYLAND POWER COOPERATIVE LACROSSE, WI ARCHAEOLOGICAL SURVEY AT OAKDALE POWER SUBSTATION AWARD # 099890 LAC L&S SOCIOL & ANTHROP	(133-8841)	2,000.00
	TOTAL LACROSSE		204,160.00 =====
	EXTENSION AND PUBLIC SERVICE		2,500.00
	INSTRUCTION		64,500.00
	RESEARCH		137,160.00

GIFTS, GRANTS AND CONTRACTS
NOV 09, 1984

UNIVERSITY OF WISCONSIN - OSHKOSH

INSTRUCTION

- | | | | |
|----|---|------------|-----------|
| 1. | WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
TRAINING IN NUTRITION FITNESS FOR ELEMENTARY
AND SPECIAL EDUCATION PERSONNEL
FOR THE PERIOD 09-19-84 THROUGH 01-31-85
AWARD # PAE 01119
OSH EDUC INSTRUCTION | (144-4428) | 4,981.00 |
| 2. | DHHS, OFFICE OF HUMAN DEVELOPMENT SERVICES
CHICAGO, IL
PURCHASE OF 4 VANS FOR TRANSPORTATION
OF CHILDREN IN HEAD START PROGRAM
FOR THE PERIOD 07-01-84 THROUGH 06-30-84
AWARD # O5CH4232/18
OSH EDUC INSTRUCTION | (144-4425) | 44,000.00 |
| 3. | FOX CITIES ARTS ALLIANCE
APPLETON, WI
AWARD TO ALLEN PRIEBE GALLERY AT UW-OSHKOSH
IN SUPPORT OF THE EXHIBITION "MODERN MASTERS
OF CLASSICAL REALISM"
OSH L&S ART | (133-3325) | 1,200.00 |

STUDENT AID

- | | | | |
|----|--|------------|--------|
| 1. | MULTIPLE DONORS
KING-GARVEY SCHOLARSHIP AND LOAN FUND
PROVIDING ASSISTANCE TO BLACK STUDENTS
OSH STU A MISC FEL & SCHOL | (133-3326) | 840.00 |
|----|--|------------|--------|

TOTAL OSHKOSH	51,021.00
	=====

INSTRUCTION	50,181.00
STUDENT AID	840.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - PARKSIDE

GIFT-IN-KIND

1. ANONYMOUS
PDP 11/70 COMPUTER, TAPE DRIVE, DISK DRIVE, DISK
PACK, SYSTEM CONSOLE TERMINAL, 8 DEC TERMINALS,
8 DEC PRINTERS AND MISCELLANEOUS HARDWARE.
GIFT IN KIND
PKS MOD IN ENGINEERING SCI ADMIN

MISCELLANEOUS

1. MULTIPLE DONORS
FORUM FOR READING
PKS SC&SOC EDUCATION (133-G832) 220.00
2. MULTIPLE DONORS
REPAIR AND MAINTENANCE OF SCIENCE DIVISION
EQUIPMENT
PKS SC&SOC SCIENCE ADMIN (133-H334) 100.00
3. MULTIPLE DONORS
BUSINESS AND ADMINISTRATIVE SCIENCE
DIVISION UNRESTRICTED GRANT
PKS MOD IN BUS & ADMIN SCI ADMIN (133-H541) 500.00
4. MULTIPLE DONORS
CONFERENCE: "A SENSE OF THE PAST: HISTORICAL
DIMENSIONS OF HUMANISM IN RENAISSANCE BRITAIN,
C. 1450-1625"
PKS SC&SOC HUMANITIES ENGLISH (133-H605) 594.00

RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
AGED PARENTS EVALUATIONS OF ASSISTANCE
FROM CHILDREN
FOR THE PERIOD 09-28-84 THROUGH 09-27-85
AWARD # 1 R03 AG05013-01
PKS SC&SOC BEHAVIORAL SCI PSYCHOLOGY (144-W091) 18,557.00
2. MAYO FOUNDATION
ROCHESTER, MN
SYNTHETIC PEPTIDE SUBSTRATES RESEARCH
PKS SC&SOC SCIENCE CHEMISTRY (133-C946) 1,000.00

STUDENT AID

1. KENOSHA FOUNDATION
KENOSHA, WI
KENOSHA FOUNDATION SCHOLARSHIP FUND
PKS BUS SV FELLOWS & SCHOLS (133-G542) 5,400.00
2. MULTIPLE DONORS
ALUMNI ANNUAL FUND
PKS BUS SV FELLOWS & SCHOLS (133-G893) 50.00

TOTAL PARKSIDE 26,421.00
=====

MISCELLANEOUS 1,414.00
RESEARCH 19,557.00
STUDENT AID 5,450.00

GIFTS, GRANTS AND CONTRACTS
NOV 09, 1984

UNIVERSITY OF WISCONSIN - STOUT

RESEARCH

1.	EDUCATION, DEPT OF WASHINGTON, DC DEMONSTRATION OF A SCHOOL-BASED VOCATIONAL PREPARATION MODEL FOR TRANSITION FROM SCHOOL TO WORK FOR THE PERIOD 09-01-84 THROUGH 08-31-85 AWARD # GO08430008 STO EDUC STO VOC REH INST RES&TRNG C (144-0510)	125,842.00
2.	STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI STUDENTS AND COMMUNITY RESOURCES: AN ATTITUDINAL STUDY AWARD # 050984C STO LIB ST SOCIAL SCIENCE (133-0373)	1,982.00
	TOTAL STOUT	127,824.00 =====
	RESEARCH	127,824.00

GIFTS, GRANTS AND CONTRACTS
 NOV 09, 1984

UNIVERSITY OF WISCONSIN - SUPERIOR

EXTENSION AND PUBLIC SERVICE

- 1. MULTIPLE DONORS
 SUPPORT FOR STUDENTS TO ATTEND SUMMER
 EDUCATIONAL PROGRAM "YOUTH SUMMER 84"
 SUP U RES OFF OF EXTRM PLG (133-0271) 7,618.10

GIFT-IN-KIND

- 1. ESTATE OF PAUL E HOLDEN
 SUPERIOR, WI
 COLLECTION OF BOOKS OF PAUL E HOLDEN'S LIBRARY
 FOR THE JIM DAN HILL LIBRARY AT UNIVERSITY OF
 WISCONSIN-SUPERIOR
 SUP

RESEARCH

- 1. ENVIRONMENTAL PROTECTION AGENCY
 WASHINGTON, DC
 ORGANIC CHEMICAL AQUATIC TOXICITY DATA BASE
 FOR DEVELOPMENT OF PREDICTIVE TOXICITY MODELS
 FOR THE PERIOD 04-01-84 THROUGH 03-31-85
 AWARD # CR811590-01-1
 SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0270) 200,000.00

TOTAL SUPERIOR 207,618.10
 =====

EXTENSION AND PUBLIC SERVICE 7,618.10
 RESEARCH 200,000.00

GIFTS, GRANTS AND CONTRACTS
NOV 09, 1984

UNIVERSITY OF WISCONSIN - WHITEWATER

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN ARTS BOARD
MADISON, WI
PRIME CONTRACTOR WITH NEA
WISCONSIN-PAN PROJECT IN THE PERFORMING
ARTS SERIES
FOR THE PERIOD 09-01-84 THROUGH 04-30-85
AWARD # CONTRACT 7/9/84
WTW AUX OP OTHER AUX OPNS STU SVCS (144-0594) 18,246.00

TOTAL WHITEWATER 18,246.00
=====

EXTENSION AND PUBLIC SERVICE 18,246.00

GIFTS, GRANTS AND CONTRACTS
NOV 09, 1984

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. DR. AND MRS. FREDERICK P. NAUSE
SHEBOYGAN, WI
ASSORTED PRINTS
GIFT IN KIND
CNS SHEBOY ART
2. DR. AND MRS. CHRISTOPHER A. GRAF
SHEBOYGAN, WI
ASSORTED PRINTS
GIFT IN KIND
CNS SHEBOY ART
3. PATTI ANDERSON
WEST BEND, WI
128 BOOKS AND JOURNALS
GIFT IN KIND
CNS WASH LIBRARY
4. MR. R. BRUCE GROVER
KOHLEH, WI
OBSERVATORY, TELESCOPES & BOOKS
GIFT-IN-KIND
CNS SHEBOY PHYSICS

MISCELLANEOUS

1. WISCONSIN DEPT OF INDUSTRY, LABOR & HUMAN
RELATIONS
MADISON, WI
PRIME CONTRACTOR WITH LABOR
WORK INCENTIVE PROGRAM
FOR THE PERIOD 09-19-83 THROUGH 09-15-84
AT A TOTAL COST OF \$15,729.32
AWARD # 268-83-PSE-2, MOD. 1
CNS MARIN LIBRARY (144-T794) 1,314.80
2. WISCONSIN ARTS BOARD
MADISON, WI
PRIME CONTRACTOR WITH NEA
LECTURE AND CONCERT SERIES 1984-85
FOR THE PERIOD 09-01-84 THROUGH 04-30-85
AWARD # 185 CP
CNS MARSH STUDENT AFFAIRS LECT & F A (144-W058) 10,000.00
3. AFFILIATED STATE ARTS AGENCIES OF THE UPPER
MIDWEST
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
LECTURE AND CONCERT SERIES 84-85
FOR THE PERIOD 09-01-84 THROUGH 04-30-85
AWARD # AGR DTD 05-02-84
CNS MARSH STUDENT AFFAIRS LECT & F A (144-W034) 2,259.00
4. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
THE ROLE OF THE HUMANITIES IN THE CRIMINAL JUSTICE
SYSTEM
FOR THE PERIOD 03-16-84 THROUGH 06-30-85
AT A TOTAL COST OF \$12,849.00
AWARD # G-FY82-62-(P), MOD. 2
CNS SYS SV INSTRNL SERVICES PREP PROG (144-U335) 3,191.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - CENTER SYSTEM

MISCELLANEOUS

5. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
STUDY OF AMERICAN NOBEL PRIZE WINNERS IN
LITERATURE
FOR THE PERIOD 09-01-84 THROUGH 11-30-84
AWARD # FY-82-113 (L)
CNS MANIT LIBERAL STUDIES LIBERAL ST (144-W045) 556.00
6. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
HUMANITIES INSTITUTE FOR TEACHERS: THOMAS MANN AND
DOCTOR FAUSTUS
FOR THE PERIOD 10-01-84 THROUGH 08-31-85
AWARD # FY82-127 (T)
CNS ROCK MUSIC (144-W093) 6,760.30
7. BARES (GEORGE C)
MILWAUKEE, WI
DEFRAY COST OF PURCHASE OF A CADAVER
CNS WASH BIOLOGY (133-H567) 350.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
FOR THE PERIOD 07-01-83 THROUGH 06-30-84
AT A TOTAL COST OF \$1,901,116.00
AWARD # PO08402949, MOD. 4
CNS (148-R084) 85,400.00
2. WISCONSIN RURAL REHABILITATION CORPORATION
MADISON, WI
NURSING SCHOLARSHIPS AT THE UW-MARSHFIELD
CENTER FOR HEALTH SCIENCES
CNS MARSH STUDENT AFFAIRS FELL & SCH (133-E659) 1,250.00

TOTAL CENTER SYSTEM 111,081.10
=====

MISCELLANEOUS 24,431.10
STUDENT AID 86,650.00

GIFTS, GRANTS AND CONTRACTS
NOV 09, 1984

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. AGRICULTURE, DEPT. OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) CHANGING AND IMPLEMENTING CREDIT POLICIES FOR
AGRICULTURAL SUPPLY COOPERATIVE
FOR THE PERIOD 09-24-84 THROUGH 09-30-85
AWARD # 58-3J31-4-0006
EXT COOP E AGRIC & AGRI-BUS U CTR-COOP (144-W065) 18,453.00
 - 2) VERTICAL ORGANIZATION AND ECONOMIC PERFORMANCE IN
GRAIN MARKETING COOPERATIVES
FOR THE PERIOD 09-24-84 THROUGH 09-30-85
AWARD # 58-3J31-4-0002
EXT COOP E AGRIC & AGRI-BUS U CTR-COOP (144-W066) 28,617.00
 - 3) RATIONALE FOR ESTABLISHING PLANT CHANGES FOR SHORT
SEASON MILK SALES TO DEFICIT AREAS
FOR THE PERIOD 09-24-84 THROUGH 09-30-85
AWARD # 53-3J31-4-0004
EXT COOP E AGRIC & AGRI-BUS U CTR-COOP (144-W067) 19,250.00
 - 4) AN EQUITY CAPITAL ACQUISITION AND REDEMPTION
STRATEGY WHICH TREATS COOPERATIVE MEMBERS EQUITABLY
FOR THE PERIOD 09-24-84 THROUGH 09-30-85
AWARD # 58-3J31-4-0005
EXT COOP E AGRIC & AGRI-BUS U CTR-COOP (144-W068) 22,786.00
2. INTER, FISH AND WILDLIFE SERVICE
WASHINGTON, DC
PREPARATION OF "A BIBLIOGRAPHY OF COOPERATIVE
EXTENSION SERVICE PUBLICATIONS ON WILDLIFE,
FISH AND FOREST RESOURCES, 2ND EDITION"
FOR THE PERIOD 09-15-84 THROUGH 09-15-85
AWARD # 14-16-0009-84-981
EXT COOP E UW MSN-AG & L SC WLFIE ECOL (144-W092) 5,000.00
3. WI DEPT OF INDUSTRY, LABOR AND
HUMAN RELATIONS
MADISON, WI
PRIME CONTRACTOR WITH LABOR
SUPPORT FOR TRAINING OF SOUTHEAST ASIANS AS
FOOD/NUTRITION EDUCATION AIDS
FOR THE PERIOD 07-30-84 THROUGH 05-02-85
AWARD # 84-6124-03
EXT COOP E FAMILY LIV'G ED FAM LIVNG (144-W071) 2,112.00
4. NATIONAL ENDOWMENT FOR THE ARTS
WASHINGTON, DC
JAZZ CLASS
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # 42-5170-0102
EXT TELCOM WHA TELEVISION (144-W095) 18,750.00
5. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
THE LONG AND SHORT OF IT, HUMANITIES ON WISCONSIN
PUBLIC RADIO
FOR THE PERIOD 11-01-84 THROUGH 10-31-85
AWARD # FY82-123 (L)
EXT TELCOM WHA RADIO (144-W078) 12,560.00

GIFTS, GRANTS AND CONTRACTS
NOV 09, 1984

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

- | | | |
|-----|---|------------|
| 6. | STATE, DEPT. OF
WASHINGTON, DC
COURSE DEVELOPMENT IN DISASTER MANAGEMENT
PHASE II
FOR THE PERIOD 09-15-84 THROUGH 09-14-85
AWARD # 1037-420069
EXT G EXT UW - MADISON ENGINEERNG (144-W081) | 80,000.00 |
| 7. | WI DEPT OF TRANSPORTATION
MADISON, WI
PRIME CONTRACTOR WITH TRANS
DEVELOPMENT OF RURAL TRANSPORTATION ISSUES
TRAINING COURSE
FOR THE PERIOD 09-28-84 THROUGH 06-30-87
AWARD # ID681-42-21, MOD. 1
EXT G EXT UW - MILWAUKEE TRANSPORTN (144-W079) | 398,877.00 |
| 8. | TENNESSEE VALLEY AUTHORITY
MUSCLE SHOALS, AL
FERTILIZER TESTS FY85
FOR THE PERIOD 10-01-84 THROUGH 09-30-85
AWARD # WISC 511.6
EXT COOP E UW MSN-AG & L SC SOIL SCI (144-W031) | 12,800.00 |
| 9. | MULTIPLE DONORS
PROFESSIONAL IMPROVEMENT OF THE RECREATION
RESOURCE CENTER STAFF
EXT COOP E UW MSN-AG & L SC RECR RSRCS (133-D074) | 100.00 |
| 10. | WISCONSIN HIGH SCHOOL FORENSIC ASSOCIATION
SOUTH WAYNE, WI
ADMINISTRATIVE SUPPORT OF THE WISCONSIN
HIGH SCHOOL FORENSIC ASSOCIATION FOR THE
PERIOD 07-01-82 THRU 06-30-86 AT A
\$225,981 LEVEL
EXT G EXT UW - MADISON ARTS (133-F659) | 64,307.00 |
| 11. | OGILVY & MATHER PUBLIC RELATIONS
NEW YORK, NY
GLAD DEMONSTRATION GARDENS
EXT COOP E CO&AREA OFC-S E (133-G091) | 1,000.00 |
| 12. | JOURNAL OF EXTENSION
MADISON, WI
ADMINISTRATIVE SUPPORT OF THE JOURNAL OF
EXTENSION FOR THE PERIOD 01-01-84 THRU 12-31-84
EXT COOP E JRNL OF EXT (133-G749) | 9,500.00 |
| 13. | PUBLIC BROADCASTING SERVICE
WASHINGTON, DC
CABLE ROYALTY FEES FOR STATION SUPPORT
EXT TELCOM WHA TELEVISION (133-H016) | 34,119.13 |
| 14. | EDUCATIONAL COMMUNICATIONS BOARD
MADISON, WI
PROGRAMMING ON ECB LICENSED STATIONS FOR THE
PERIOD 07-01-84 THRU 06-30-85 AT A \$434,518
LEVEL
AWARD # P.O. #ECE00378
EXT TELCOM WHA RADIO (133-H297) | 4,518.00 |

GIFTS, GRANTS AND CONTRACTS
NOV 09, 1984

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

- | | | | |
|-----|---|------------|-----------|
| 15. | EDUCATIONAL COMMUNICATIONS BOARD
MADISON, WI
PERFORMANCE PROGRAMMING - MUSIC/ART FUND
FOR THE PERIOD 07-01-84 THRU 06-30-85 AT
A \$52,287 LEVEL
AWARD # P.O. #ECE00378
EXT TELCOM WHA RADIO | (133-H298) | 2,287.00 |
| 16. | EDUCATIONAL COMMUNICATIONS BOARD
MADISON, WI
INFORMATIONAL PROGRAMMING FOR THE PERIOD
07-01-84 THRU 06-30-85 AT A \$50,211 LEVEL
AWARD # P.O. #ECE00378
EXT TELCOM WHA RADIO | (133-H299) | 211.00 |
| 17. | FRIENDS OF WHA-TV, INC.
MADISON, WI
PRODUCTION OF "FLW: THE RISK WORTH TAKING"
EXT TELCOM WHA TELEVISION | (133-H342) | 5,770.00 |
| 18. | OHMEDA
MADISON, WI
STUDY TO DETERMINE WARRANTY AND SERVICE COSTS
IN MANUFACTURING INDUSTRIES
EXT G EXT UW - MADISON MGT INSTIT | (133-H375) | 1,000.00 |
| 19. | EDUCATIONAL COMMUNICATIONS BOARD
MADISON, WI
SUPPORT THE MUSIC AND ARTS NETWORK FOR
THE PERIOD 07-01-84 THRU 06-30-85
AWARD # P.O. #ECE00378
EXT TELCOM WHA RADIO | (133-H429) | 48,472.00 |
| 20. | CORPORATION FOR PUBLIC BROADCASTING
WASHINGTON, DC
FY 1985 TELEVISION COMMUNITY SERVICE GRANT
FOR THE PERIOD 10-01-84 THRU 09-30-86 AT A
\$520,211 LEVEL
AWARD # CPB NO. 5221-50015
EXT TELCOM WHA TELEVISION | (133-H525) | 90,658.00 |
| 21. | CORPORATION FOR PUBLIC BROADCASTING
WASHINGTON, DC
FY 1985 RADIO COMMUNITY SERVICE GRANT
FOR THE PERIOD 10-01-84 THRU 09-30-86
AT A \$241,191 LEVEL
AWARD # CPB NO. 5231-50025
EXT TELCOM WHA RADIO | (133-H526) | 53,899.00 |
| 22. | CORPORATION FOR PUBLIC BROADCASTING
WASHINGTON, DC
FY 85 TELEVISION INTERCONNECTION SUPPORT FOR
DISTRIBUTION OF PUBLIC TELECOMMUNICATIONS SERVICES
EXT TELCOM WHA TELEVISION | (133-H528) | 24,817.00 |

GIFTS, GRANTS AND CONTRACTS
NOV 09, 1984

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

23.	GRASSROOTS AMERICA WILMINGTON, DE GRASSROOTS AMERICA/INFOTEXT: INFORMATION DELIVERY EXT COOP E UW MSN-AG & L SC AG JOURN (133-H539)	9,000.00
24.	JOYCE FOUNDATION CHICAGO, IL LOCAL GOVERNMENT AND GROUNDWATER PROTECTION FOR THE PERIOD 10-01-84 THRU 09-30-85 EXT COOP E UW MSN-AG & L SC ENV RSRC U (133-H564)	29,219.00
25.	WISCONSIN DAIRY HERD IMPROVEMENT COOP MADISON, WI ADMINISTRATION OF THE OFFICIAL DAIRY HERD IMPROVEMENT PROGRAM 1984-85 EXT COOP E UW MSN-AG & L SC DAIRY SCI (133-H570)	32,000.00
26.	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI NORMAN MICHIE/PRODUCTION SERVICES FOR THE PERIOD 07-01-84 THRU 06-30-85 AWARD # P.O. #ECE00378 EXT TELCOM WHA RADIO (133-H607)	18,174.00
27.	MULTIPLE DONORS SUPPORT PROGRAMS OF THE DEPARTMENT OF BUSINESS AND MANAGEMENT EXT G EXT UW - MADISON MGT INSTIT (133-4539)	162.50
28.	MULTIPLE DONORS UNIVERSITY EXTENSION FELLOWSHIP FUND EXT COOP E PROFESSNL DVLPM T PRFNL DVL P (133-7462)	50.00
29.	AMERICAN CYANAMID COMPANY PRINCETON, NJ SUPPORT WEED CONTROL RESEARCH PROGRAM EXT COOP E UW MSN-AG & L SC AGRONOMY (133-7714)	1,300.00
	TOTAL EXTENSION	1,049,768.63 =====
	EXTENSION AND PUBLIC SERVICE	1,049,768.63

GIFTS, GRANTS AND CONTRACTS SUMMARY
ITEMS PROCESSED 09-18-84 THROUGH 10-22-84

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTER SYSTEM	-0-	-0-	-0-	24,431	-0-	-0-	86,650	-0-	111,081
EAU CLAIRE	-0-	129,627	-0-	-0-	-0-	7,269	-0-	-0-	136,896
EXTENSION	1,049,769	-0-	-0-	-0-	-0-	-0-	-0-	-0-	1,049,769
GREEN BAY	-0-	-0-	-0-	40,667	-0-	14,156	-0-	-0-	54,823
LA CROSSE	2,500	64,500	-0-	-0-	-0-	137,160	-0-	-0-	204,160
MADISON	-0-	441,760	16,780	1,642,813	498,683	14,603,382	383,636	-0-	17,587,054
MILWAUKEE	-0-	338,113	-0-	28,489	45,420	589,285	33,935	-0-	1,035,242
OSHKOSH	-0-	50,181	-0-	-0-	-0-	-0-	840	-0-	51,021
PARKSIDE	-0-	-0-	-0-	1,414	-0-	19,557	5,450	-0-	26,421
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STOUT	-0-	-0-	-0-	-0-	-0-	127,824	-0-	-0-	127,824
SUPERIOR	7,618	-0-	-0-	-0-	-0-	200,000	-0-	-0-	207,618
WHITEWATER	18,246	-0-	-0-	-0-	-0-	-0-	-0-	-0-	18,246
TOTAL NOV 1984	1,078,133	1,024,181	16,780	1,737,814	544,103	15,698,633	510,511	-0-	20,610,155
PREVIOUSLY REPORTED	4,758,545	11,918,042	590,730	2,876,847	308,341	64,287,349	34,870,149	7,800	119,617,803
GRAND TOTAL	5,836,678	12,942,223	607,510	4,614,661	852,444	79,985,982	35,380,659	7,800	140,227,958
TOTAL NOV 1983	21,621,251	1,938,566	65,135	1,567,460	-0-	12,313,780	392,638	400	37,899,229
PREVIOUSLY REPORTED	3,300,520	7,859,375	285,879	3,398,608	209,993	61,938,242	38,194,766	7,900	115,195,283
GRAND TOTAL	24,921,771	9,797,940	351,013	4,966,069	209,993	74,252,022	38,587,404	8,300	153,094,512
FEDERAL TOTAL NOV 1984	638,651	986,135	-0-	1,015,914	151,103	13,022,977	95,977	-0-	15,910,757
PREVIOUSLY REPORTED	661,604	11,397,940	-0-	1,118,893	223,791	44,882,148	33,603,498	-0-	91,887,874
FEDERAL GRAND TOTAL	1,300,255	12,384,075	-0-	2,134,807	374,894	57,905,125	33,699,475	-0-	107,798,631
FEDERAL TOTAL NOV 1983	759,037	1,845,407	9,780	1,041,457	-0-	9,975,780	46,183	-0-	13,677,644
PREVIOUSLY REPORTED	956,296	7,487,835	102,146	1,136,426	209,443	43,688,232	36,759,476	-0-	90,339,854
FEDERAL GRAND TOTAL	1,715,333	9,333,242	111,926	2,177,883	209,443	53,664,012	36,805,659	-0-	104,017,498

FINAL REPORT

UNIVERSITY OF WISCONSIN SYSTEM
BIENNIAL WORKING GROUP ON FACULTY AND ACADEMIC STAFF
COMPENSATION FOR 1985-87

OCTOBER 26, 1984

FINAL REPORT
UNIVERSITY OF WISCONSIN SYSTEM
BIENNIAL WORKING GROUP ON FACULTY AND ACADEMIC STAFF
COMPENSATION FOR 1985-87

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Transmittal Letter

Access and the Quality of Education in Wisconsin

Impact of Faculty and Academic Staff Loss on Access and Quality

- A. Problems of Student Access
- B. Economic Impact of Faculty Loss to the State of Wisconsin
- C. Impact on the Reputation of Nationally Ranked Departments and Centers
- D. Impact of Loss of Academic Support, Services and Student Counseling

Findings of the Working Group

- A. Competitors Real Income Expected to Rise
- B. The Real Income of UW Faculty and Academic Staff Has Declined
- C. UW Faculty and Academic Staff Salaries Do Not Compare Favorably With Other Professional and Technical Groups
- D. Continued Examination of Fringe Benefits Needed

Record of Support for Higher Education in Wisconsin

Summary

Recommendations

The University of Wisconsin System



October 26, 1984

TO: President Robert M. O'Neil

FROM: The Biennial Working Group on Faculty and Academic Staff
Compensation for 1985-87

RE: Report of the Biennial Working Group

Attached is the report of the Biennial Working Group which you appointed to examine the current status of faculty and academic staff compensation, identify the issues and problems and make recommendations for consideration by the University Administration and the Board of Regents in developing their 1985-87 compensation proposals to state government.*

During the current 1983-85 biennium, Governor Earl's Faculty Salary Study Committee recommended that "a special one-time provision should be included in the 1985-87 executive budget which would make faculty salaries more competitive." The Academic Staff Salary Study Committee, created upon direction of the Board of Regents, recommended that the same provision be applied to academic staff in order to make their salaries competitive. Following your guidelines, our examination of salary needs for 1985-87 has assumed that such "catch-up" provisions will be approved in the biennium. Therefore, the Working Group has focused its attention on what will be needed in the 1985-87 pay plan to provide salaries sufficient to "keep-up" with faculty and academic staff competition in the biennium. We cannot overemphasize the importance of "keep-up" salary adjustment that will maintain the competitive positions of the institutions in the UW System; otherwise, the state should anticipate a repeat of the disastrous problems which have occurred in recent years.

The Faculty and Academic Staff Study Committees also recommended changes in the pay plan process. This submission of the UW System pay plan proposal at an earlier date than has been the practice in the past follows those recommendations. The Study Committees recommended that the University "submit and discuss its proposal for adjusting compensation and employe benefits along

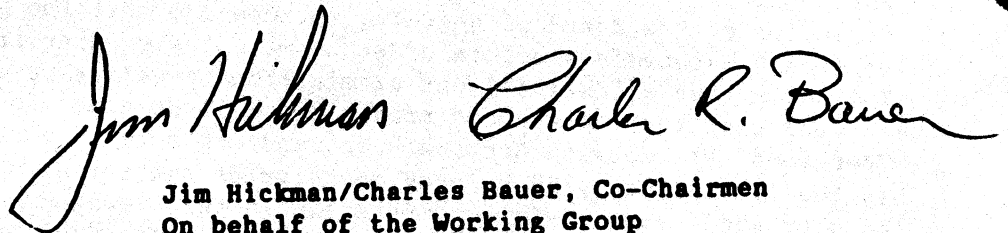
*Sec. 230.12(3)(e), Wisconsin Statutes, provides that the Secretary of Employment Relations, after receiving recommendations from the Board of Regents, shall submit a proposal to the Legislative Joint Committee on Employment Relations for adjusting compensation and employe benefits for faculty and academic staff. The proposal may recommend across-the-board pay adjustments, merit or other adjustments and employe benefit improvements. The proposal as approved by the Joint Committee on Employment Relations and the Governor shall be based upon a percentage of the budgeted salary base. The amount included in the proposal for merit and adjustments, other than across-the-board pay adjustments, shall be available for discretionary use by the Board of Regents.

Page 2
President O'Neil
October 26, 1984

with its operating budget request to the Department of Administration prior to the establishment of the State compensation reserve in the Governor's biennial budget bill." In other respects, the study committee recommendations provide that the Department of Employment Relations continue to be responsible for recommending a compensation request and the Joint Committee on Employment Relations establish the State pay plan amount for UW faculty and academic staff and the Board of Regents be responsible for the allocation of pay plan funds.

Given these proposals on the pay plan process by the salary study committees, the Biennial Working Group has developed its recommendations to the President so that they may be included in the 1985-87 biennial budget considerations by the Board of Regents. We would suggest that a negotiating team, including Regents, representatives of the Working Group and System Administration, be appointed to be available for discussions and negotiations as the biennial budget is considered by the Governor and the Legislature and the DER recommends and JOCER establishes a pay plan.

We are prepared to meet and discuss this report with you at your pleasure.



Jim Hickman Charles R. Bauer

Jim Hickman/Charles Bauer, Co-Chairmen
On behalf of the Working Group

ACCESS AND THE QUALITY OF EDUCATION IN WISCONSIN

The 1985-87 Compensation Plan will determine whether the University of Wisconsin System, competing for expertise in national and international markets, can recruit and retain quality personnel and whether the Universities can encourage and reward meritorious teaching, scholarship, and service. Therefore, this report on faculty and academic staff compensation discusses the future accessibility and quality of public higher education in Wisconsin.

In the middle of the coming biennium the "Class of 1990" will enroll. That poses a formidable challenge for those charged with making compensation decisions that affect the ability of the UW System to produce and deliver quality educational services in the next biennium. Their decisions and actions will significantly influence the course of higher education in Wisconsin through the next decade and well into the 21st century.

The faculty and academic staff have been, and still are, the lifeblood of the University System. They have contributed to the intellectual and economic welfare of Wisconsin as transmitters of knowledge, and as providers of research and technical assistance to virtually all sectors of the economy. Through the expertise of its faculty and academic staff, the UW System has supported economic development in the state and also has acted to attract new knowledge dependent enterprises to the state, a vital service given the economic outlook for the next few years. Post secondary education has been an economic investment that has paid off handsomely for Wisconsin.

University research has produced new technological and problem solving methodologies, which have had a positive effect on the state's economy. Likewise, provided with a renewed commitment by the state, the research performed by the System's faculty and academic staff will continue to serve the economy and attract new research funds to the state. This is significant since approximately \$197 million dollars a year is attracted to the state by the UW System in federal and gift funds. Economically, higher education has helped make Wisconsin competitive in the national and international marketplace.

In providing relatively unrestricted access to higher education, Wisconsin's University System has helped to create a highly educated and competent work force that has attracted business investment. The opportunity for continuing education has been accessible to virtually all high school graduates and to an increasingly large number of non-traditional students. While access to high quality education may appear to some to be a luxury, it actually fuels the progress that will maintain the state's quality of life into the twenty-first century.

Even more important in the long run is the contribution of the UW System to nurturing the values that enhance the quality of our cultural environment and that ensure future generations will have a civilization worth maintaining. The University has taken seriously its responsibility to promote not only the material well-being but also the intellectual and aesthetic enrichment of the state's citizens. Despite more than a decade of austerity, the University System has fulfilled its traditional mission by helping to create a citizenry that is rich in ability, productivity, and creativity.

What kinds of educational programs will the sons and daughters of today's taxpayers need in 1990 and beyond? This question is difficult to answer. But responding to it has been and will continue to be the primary responsibility of the faculty and academic staff of the University.

University personnel must be able to respond to the new educational needs created by the changes that have affected the economy of the United States in recent years. They bear a responsibility to provide the opportunity for Wisconsin's young men and women to acquire the intellectual and creative skills necessary in tomorrow's society. It is essential that System personnel help to maintain and enhance Wisconsin's most valuable economic resource: its very productive and highly skilled labor force. The development of academic programs, research, and quality teaching is crucial in determining the future productivity of Wisconsin's work force.

The ability of the University System to continue to respond to the needs of the state is now more than ever dependent upon recruiting and retaining competent faculty and academic staff and on rebuilding staff morale. Low non-competitive starting salaries, minimal pay increases, and salary compression over the last decade have all contributed to the deterioration of faculty and academic staff morale. The seriousness of this compensation problem for the University faculty and academic staff is reflected in the loss of some of its most qualified personnel, and by the declining ability of the University to attract and recruit highly capable individuals. Competitors from industry and other universities have raided the UW System to such an extent that the current faculty and academic staff are finding it very difficult to continue fulfilling their mission. As a result, the traditional high quality and wide accessibility of the University of Wisconsin System is now imperiled. The quality of the faculty and academic staff will determine whether the UW System can continue to deliver outstanding educational services, generate cost-defraying extramural support for System operations, and contribute to the economic vitality of the State. The compensation needs of the System cannot be ignored without seriously damaging the overall quality of its programs.

To construct a quality university system takes generations of public-spirited support and sacrifice. To weaken such an institution takes a lack of attention for only a short time. The current erosion of quality will continue unless the challenge of supporting higher education is once again met by the citizens of Wisconsin.

While it is the faculty and academic staff who are being asked to prepare to meet society's challenges to the "Class of 1990" and beyond, it is today's citizens and political decision-makers who will determine the capability of the University's personnel to respond to the task at hand. The decisions they make will be decisive for the future of quality higher education in the State of Wisconsin.

IMPACT OF FACULTY AND ACADEMIC STAFF LOSS
ON ACCESS AND QUALITY

The continuing deterioration in compensation which has weakened the competitive position of UW institutions has resulted in growing difficulties in recruiting and retaining UW faculty and academic staff. The Report on Compensation-Induced Problems by the 1983-85 Working Group, the Governor's Faculty Compensation Study Committee and the Academic Staff Salary Study Committee have documented in detail for every institution, "low salary increases, low starting salaries and better promotional activities elsewhere" as the primary cause of the recruitment and retention problems. UW institutions continue to report compensation-induced problems with increasing departures of critical staff and inability to adequately recruit replacements. This continued erosion will increasingly have an impact on the quality of education. With this concern in mind the Working Group, in the course of its review of compensation, completed a survey to determine the impact of faculty and academic staff loss on the ability of the Universities to provide quality education, research and service to the State. The review of campus experience clearly demonstrates that the continued academic reputation and the ability to perform research and public service depends on retaining and recruiting quality faculty and academic staff.

The consequences of faculty and academic staff leaving due to salary restraints have been summarized in four categories including: problems of student access, economic loss to the state, threat to reputation of departments and loss of academic staff service.

A. Problems of Student Access

Because of loss of faculty, rapid turnover, and difficulty of recruitment for some positions, students often have not been able to enroll in classes necessary to complete a major or have had to remain at school for extra semesters in order to fit the limited spaces in infrequently or erratically offered courses. When class size is enlarged to accommodate more students with fewer faculty, the consequence is less individual attention in the classroom, in the office and in career conferences. Off-campus students have fewer choices and opportunities for education in their home communities as more professors are unable to take on the added burdens of extra preparation and travel.

The following are some of the examples that have been reported:

- * UW-Oshkosh Only one of the three departing chemistry professors has been replaced. Therefore, two areas of specialization are currently unavailable to students. UW-Oshkosh also reports similar staffing problems in mathematics, management information systems, social work, accounting, computer science, psychology, religion and philosophy. UW-Oshkosh has dealt with some problems by the use of overloads and ad-hoc hiring. While people so-hired are good teachers, other difficulties accompany such adjustments: "Faculty overloads compress the time available for research, service and class preparation. Ad-hoc faculty often can only teach in the evening hours, limiting student access; eliminating regular office hours; and lessening opportunities for individualized assistance to students."
- * UW-Eau Claire reports that access to Management Information Systems (MIS) Department courses has been restricted because of salary related losses of MIS faculty. This ten-member department lost six faculty members, two at mid-year and four at the conclusion of the 1983-84 academic year, to industry and other higher education institutions. MIS is a relatively new discipline; consequently the supply of new faculty is exceedingly small. This has led it to limiting the number of students it can accept and still "teach with the quality we believe appropriate for academic excellence."
- * UW-La Crosse indicates they are losing "highly accomplished, tenured professors" to business schools across the country. The magnitude of losses and turnovers cannot be withstood if the "business administration programs are to remain viable and creditable." UW-La Crosse also has noticed "a decline in the number of candidates for academic staff positions in sociology, anthropology, and speech and theatre." The Director of Extended Education at UW-La Crosse reported fewer faculty volunteering to teach off-campus courses. This trend will limit the availability of many courses in communities across the state.
- * UW-Stout reports increasing difficulty in recruiting faculty for their unique programs. Consequently, they are reducing the number of students admitted to their industry-oriented programs.
- * UW-Platteville The Computer Science Department has been seriously impacted by salary related resignations and salary related recruitment problems. Four faculty members, two of whom held doctorates and two with masters degrees, left the department in May, 1984. The two who had Ph.D.'s in computer science accepted positions with academic year salary increases amounting to \$11,000 to \$12,000 over their 1984-85 salaries.

The vacant positions were advertised nationally twelve different times as tenure track positions at the Associate Professor or Professor rank and, in fact, a department chair position was also advertised. None of the applicants for the positions held a doctorate in computer science. All applicants with master's degrees in computer science were invited to interview and those that accepted the interview, with one exception, were offered a position at a salary substantially above the current average for the rank at UW-Platteville. All but one rejected the offer because UW-Platteville's salaries were far lower than those offered elsewhere.

- * UW-Green Bay has had difficulty in recruiting in highly competitive fields and consequently has unfilled positions. This endangers its graduate program in Community Health Services and its undergraduate program in Community Nutrition.

The chairperson of Business Administration reported that growing enrollments and insufficient numbers of faculty forces enrollment limits on key advanced courses. Although only one course out of 61 was closed in the fall of 1981, by spring 1984, 29 out of 56 were closed, thereby severely reducing the access of students to needed work. The only alternative would have been to expand class size to 80 or more which would result in a reduction in the quality of the programs.

In the area of public service and off-campus teaching, UW-Green Bay has had success with its Associate Arts degree program at the Green Bay Correctional Institution, but recent resignations threaten "program scope and sequence." In regard to the two American Indian communities nearby (Oneida, Menominee), a few devoted faculty continue to offer courses at Oneida, but "all credit programming at Keshena was suspended after 1980-81" because of lack of faculty resources.

- * UW-Madison reports that only about a third of the freshmen entering the university with a pre-business classification and indicating they would like to major in Business, can be admitted to the School of Business in their junior year. The School of Business has lost five faculty in the past year and recruitment and retention of the faculty needed to maintain their program is becoming an increasingly serious problem.
- * UW-Stevens Point reports several departments were unable to hire qualified faculty and academic staff after conducting nation-wide searches. The Department of Psychology was unable to hire an individual in testing and measurements. Three different candidates were offered contracts but all declined, accepting positions at other universities. Eight other openings at UW-Stevens Point could not be filled, and the courses associated with those openings are being taught by part-time teaching academic staff.

- * UW-Milwaukee continues to experience difficulty recruiting and retaining highly qualified faculty in a wide variety of academic fields and disciplines. During fiscal 1983-84, the university lost almost fifty faculty. The problem is particularly severe in Architecture, Engineering, Business Administration, the health sciences, and selected departments in the College of Letters and Science. The Economics Department, for example, reports the resignation of four and one quarter faculty (one person on joint appointment with the Department of Urban Affairs) in the past six months and their replacement by ad hoc instructors has resulted in lower quality teaching in both undergraduate and graduate courses, and a disruption in the research program. Areas affected are urban economics, industrial organization, natural resources and energy economics, and public finance -- all crucial to the department's teaching, research and service mission. These faculty resigned to take higher paying positions in other universities, business and government. In some instances, personal preference played a role. Further, the department was unable to hire two faculty in authorized positions in labor and in monetary theory.

B. Economic Impact of Faculty Loss to the State of Wisconsin

The technical expertise and reputation of the University of Wisconsin System faculty has generated millions of dollars in research grants, but the University's ability to obtain grants is jeopardized by the loss of key faculty. UW-Madison reports that of 164 faculty who reported this year receiving "substantial" offers from other institutions or industry, 42 left, some agreed to stay, others have not decided. Those who departed had active gifts and grants totaling over \$2 million. Of the total of \$158 million that came to UW-Madison for research and development, \$40 million was generated by 50 of the highest paid faculty members.

This situation was further exemplified in the Department of Bacteriology and Microbiology at UW-Madison when three renowned faculty members left, resulting in a loss of 42 percent of the Department's outside research funds, or \$1.5 million dollars in extramural grants. These outside research funds supported 17 of the Department's 54 graduate students. The loss of another noted microbiologist has just been announced. In moving to the University of California-Irvine, he will take with him 20 employes and \$990,000 in outside funding.

The support work provided by academic staff is also frequently key to maintaining the University's ability to attract large outside grants to Wisconsin. For example, the UW-Madison Space Science and Engineering Center must have electrical engineers and computer programmers to continue work on its contracts with NASA for the Manned Space Flights (\$6 million), and the MCIDAS (Man-Computer-Interactive-Data-Access-System) weather forecasting system (\$1 million). The Physics Department has a \$4 million dollar grant in high energy physics whose development was hindered by the loss of two experts who specialized in building particle detectors for accelerators. The Clinical Cancer Center has had difficulty recruiting and retaining the statisticians and computer programmers needed to support their analysis of the patterns in the occurrence of cancer.

Highly specialized teams of research and Extension staff have provided vital technical assistance in building Wisconsin's agricultural production and marketing system. Recently the Department of Meat and Animal Science at UW-Madison lost their nationally recognized team of beef cattle nutrition and breeding scientists. This team has assisted Wisconsin's beef producers in building the nation's leading dairy-beef and special veal feeding program and increased beef cow numbers over 49 percent from 1972 to 1980. Without available faculty, the state wide beef management Extension programs had to be eliminated, the research field days cancelled, UW Performance Testing dropped, and critical research studies interrupted. Wisconsin beef organizations have requested immediate assistance from the University as Wisconsin became a fed beef deficit state and state meat packers were forced to import thousands of fed cattle to meet processing needs. This situation is at least partially due to the loss of these UW leaders and researchers.

The technical knowledge and resources of the University are utilized by the State of Wisconsin to attract, expand and retain industry. For example, the UW-Madison Electrical Engineering School has worked closely with numerous biomedical firms throughout Wisconsin on

applications of digital computers to this field. Nicolet Instrument Company is working with faculty members on a \$100,000 instrument which analyzes brain waves and helps diagnose hearing and vision defects in new born infants. Other biomedical firms which have sought advice include the Burdick Company, Ohio Medical, Tracor Northern and Astronautics. The Department reports a great scarcity of people with the expertise to help these firms; it lost a key faculty member in the field of computer architecture last year and is having great difficulty in recruiting, particularly in computer related fields.

Not only are the faculty in Electrical Engineering in demand, but also more and more industries have expressed a need for more engineering graduates who can help adapt Wisconsin industries to changing technology. For example, the Trane Corporation of LaCrosse has expressed a need for electrical engineering graduates who can help them put microprocessors into their air-conditioning units, as the Japanese do. Small engine manufacturing, an industry in which Wisconsin leads the nation (firms include Briggs and Stratton, Tecumseh Products, Kohler Company, Mercury Marine, Evinrude Motors, Johnson Outboards and the Waukesha Engine Division of Dresser Industries), has similar needs in order to remain competitive.

At UW-Milwaukee, the College of Engineering and Applied Science in the past year has lost a number of highly qualified and capable faculty members who now could have been providing invaluable assistance in the industrial and economic recovery of the state. In all instances, inadequate economic support, and particularly very low salary levels, were the primary reasons for these resignations. Of the numerous losses, two deserve special mention as representative. The first was a faculty member with exceptional expertise in foundaries, an area of specialization essential to Milwaukee based industry. The second was the Department of Electrical Engineering and Computer Science's only professor and recognized expert in the field of digital signal processing, an area critical to the development of the medical systems industry in Milwaukee.

C. Impact on the Reputation of Nationally Ranked Departments and Centers

The University of Wisconsin-Milwaukee School of Architecture and Urban Planning contains the only accredited professional architectural program in the State of Wisconsin and has been designated as a Center of Excellence. The School has earned a national and international reputation in its short 15-year history. The School contains a number of high quality programs, its faculty and students are winning increasing numbers of research and design awards, and the School undertakes teaching, research and public service directed toward the University's urban mission. The School of Architecture and Urban Planning is relatively small, with only 32 full-time faculty members, and to lose four highly specialized key people to other universities and the private sector, as has happened during the past two and one-half years, affects the ability to maintain high-quality programs. Replacing exceptionally skilled persons in today's market for top designers and specialists is proving especially difficult. The expanding reputation of the School will mean even more outside offers and increased competition for the School's highly talented faculty. The resultant need to appoint visitors, part-time faculty and junior faculty members will impact on the School's ability to maintain a national reputation and to capitalize on the momentum that this young School has generated in recent years.

UW-Madison's Sociology Department, which was top-ranked according to the recent comprehensive study of quality done by the National Research Council, lost five key faculty members in 1983-84. In the last three years, the Department has lost a total of nine faculty, all to other universities. This year, the Department lost its two mathematical sociologists, a field which is called the "high tech version of sociology," its expert in the theory of complex organizations, its coordinator of the undergraduate internship in analysis and research gives students "hands on" experience in state government, and one of the key people in the Center for the Study of Social Structure and Change.

D. Impact of Loss of Academic Support, Services and Student Counseling

Trained, professional counselors, program coordinators, student financial aid and admission counselors can make a great difference in student decisions on whether they can afford to attend college, whether the curriculum of a particular institution fits their needs, what courses they should be taking to enter college, and many other factors. In short, good counseling can be a key factor in access to higher education.

The UW-Waukesha Center lost all of its four student counselor/advisors in a period of six months. All went elsewhere for salary increases from 30 to 60 percent. These individuals performed the financial aids and admissions counseling for UW-Waukesha. When they resigned, many of the financial aid forms for the Center were delayed because they had to be sent to the UW Center's Madison office for processing. In addition, the limited experience of staff used during the interim hindered their ability to provide students with on-site advice in applying for financial aid, the technicalities of filling out forms, the kind of requirements which must be met, etc. Similar problems were encountered with admissions advising and with advising relating to transferring to another institution after two years at UW-Waukesha. While each of the individuals have been or will be replaced, the knowledge which they had of the workings of the financial aids system, or of the credit transfer requirements, will take several years to replace. In the meantime, it is really the students who are adversely affected.

Similar losses of academic staff student counselors who resigned for higher salaries have occurred at UW-Madison Pharmacy School, UW-Parkside and UW-Milwaukee's engineering programs. These counselors advise students, teachers and parents of prospective students about enrollment possibilities, course requirements, costs, financial aids, etc.

FINDINGS OF THE WORKING GROUP

A. COMPETITORS REAL INCOME EXPECTED TO RISE

With political leaders in many states seeking to strengthen their public universities in order to promote economic growth and development, the recent improvement in real salaries nationwide should be expected to continue, at least through the coming biennium. In other words, university salaries nationwide should be expected to again rise in real terms.

University salaries in competitive institutions have begun to rise across the country in real terms in contrast to the continued decline in real income of UW faculty:

- * In 1983-84 average faculty salaries nationally grew about 1% in real income while UW salaries lost about 3%.
- * Average faculty salary increases for peer institutions in the analysis groups used by the Governor's Faculty Salary Study Committee have increased by 2-3% more than the estimated inflation rate for 1984-85.

The consensus of economic forecasts for the next biennium (1985-87) project an inflation rate of over five percent in the first year and approximately 6% in the second year and a real growth rate of about three and one-half percent each year.

B. THE REAL INCOME OF UW FACULTY AND ACADEMIC STAFF HAS DECLINED.

Real income of UW faculty and academic staff continued to decline in the 1983-85 biennium. In all but one year since 1972-73, the total percentage increase authorized for UW salaries has not been sufficient to cover the increase in the cost of living let alone reward meritorious accomplishments, fund promotions and meet competitive market conditions or other compensation needs. As a result, the real income of faculty and academic staff has declined significantly compared to professional groups and non-farm groups.

Figure 1
PERCENT CHANGE IN AVERAGE SALARIES
 UW PROFESSORS, COMPARABLE PROFESSIONALS, & NON-FARM WORKERS
 (ADJUSTED FOR INFLATION SINCE 1966-67)

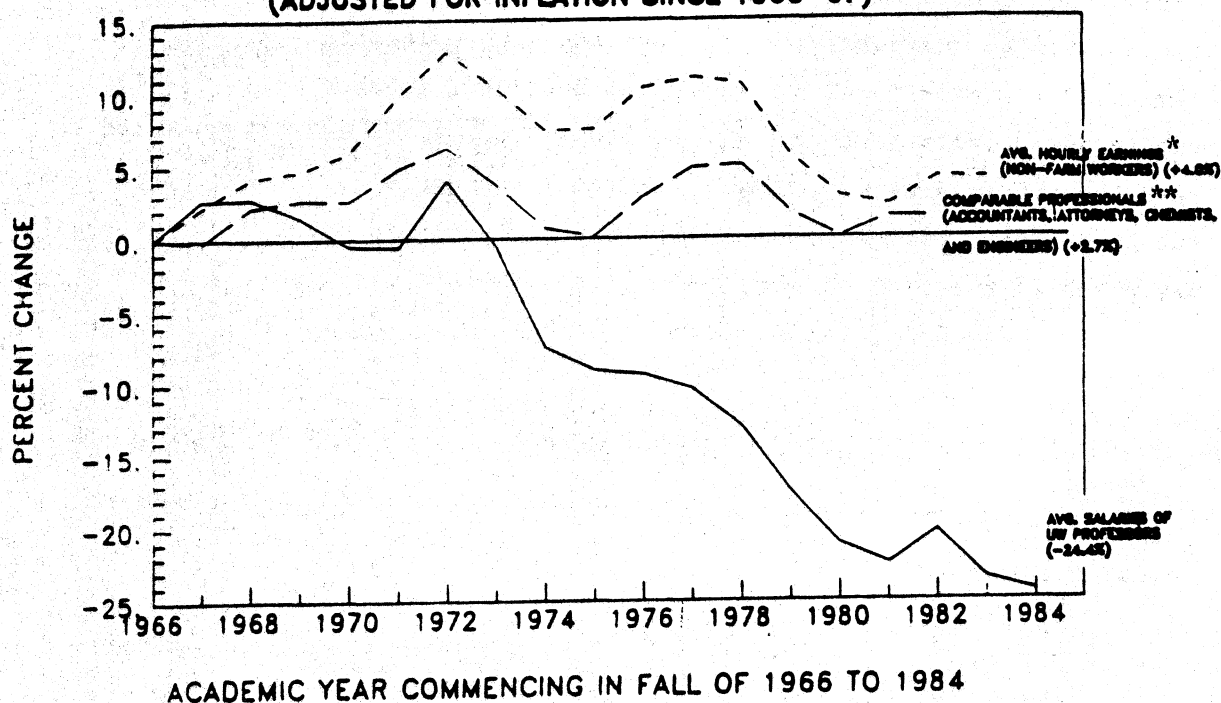


Figure 1 compares the changes in real income of UW System professors to comparable professionals, and to private non-farm workers in the United States for the period from 1966-67 through 1982-83. For simplicity, only data for UW System professors are shown in the chart. Other faculty ranks have experienced similar declines during this period. Academic staff have been included in the same pay plan as faculty and have been affected relatively the same over the period.

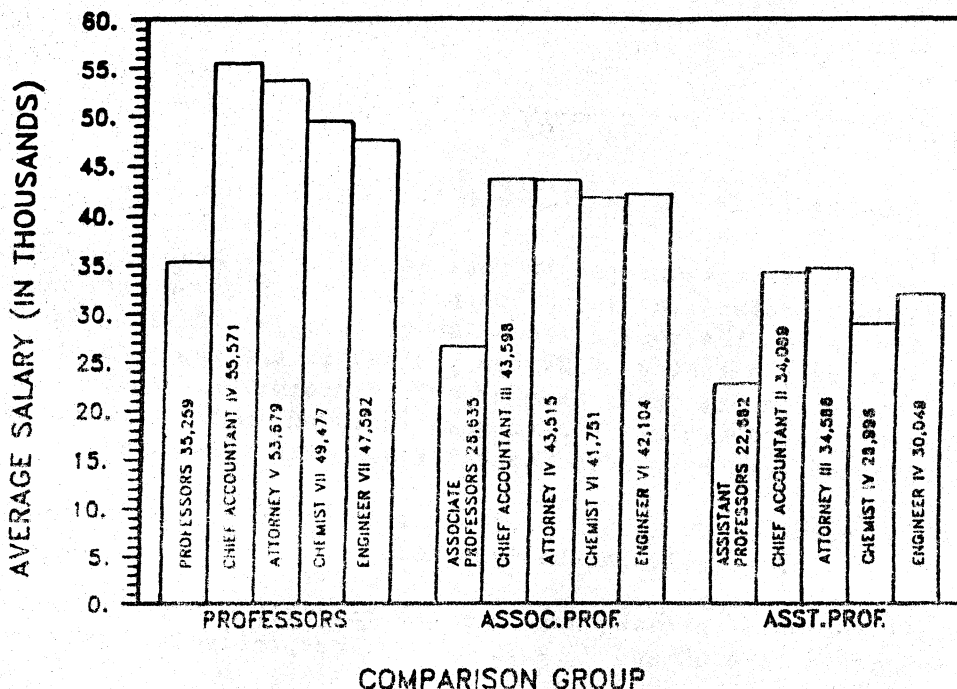
- * Real income of UW System professors declined by about 25% since 1966-67, especially in the last decade.
- * Real income of private non-farm and comparable professionals increased by 4.0% and 2.7% (1982-83), respectively, since 1966-67.
- * Real income of UW System professors again dropped significantly in 1982-83 and 1983-84 following a brief increase due to the lessening of inflation in 1981-1982.

* Employment and Earnings, published monthly by U.S. Department of Labor.
 ** National Survey of Professional, Administrative, Technical and Clerical Pay, U.S. Department of Labor.

C. UW FACULTY AND ACADEMIC STAFF SALARIES DO NOT COMPARE FAVORABLY WITH OTHER PROFESSIONAL AND TECHNICAL GROUPS

The UW System competes for faculty and academic staff not only with other educational institutions but also with public and private sector employers. Demands for qualified staff are exacerbated by increased enrollments in fields such as business, computer science and engineering and also by demands for professional and technical personnel in these same fields in the public and private sectors. The UW System institutions have attempted to meet these pressures by reallocating their resources to the extent possible, but they have stretched their capability to the limit because of inadequate pay plans in the last decade, particularly in this biennium.

**Figure 2
1982-83 AVERAGE SALARY
UW FACULTY AND PROFESSIONALS IN PRIVATE INDUSTRY**



Private industry salaries from March, 1983 NATIONAL SURVEY OF PROFESSIONAL, ADMINISTRATIVE, TECHNICAL & CLERICAL PAY and have been converted to an academic year basis.

Figure 2 compares the 1982-83 average salaries of UW System faculty in each rank to those of accountants, attorneys, chemists and engineers with similar responsibilities and training.

* Salaries in the private sector for positions with comparable responsibilities are from \$7,000 to \$20,000 higher on an academic year basis.

Figure 3

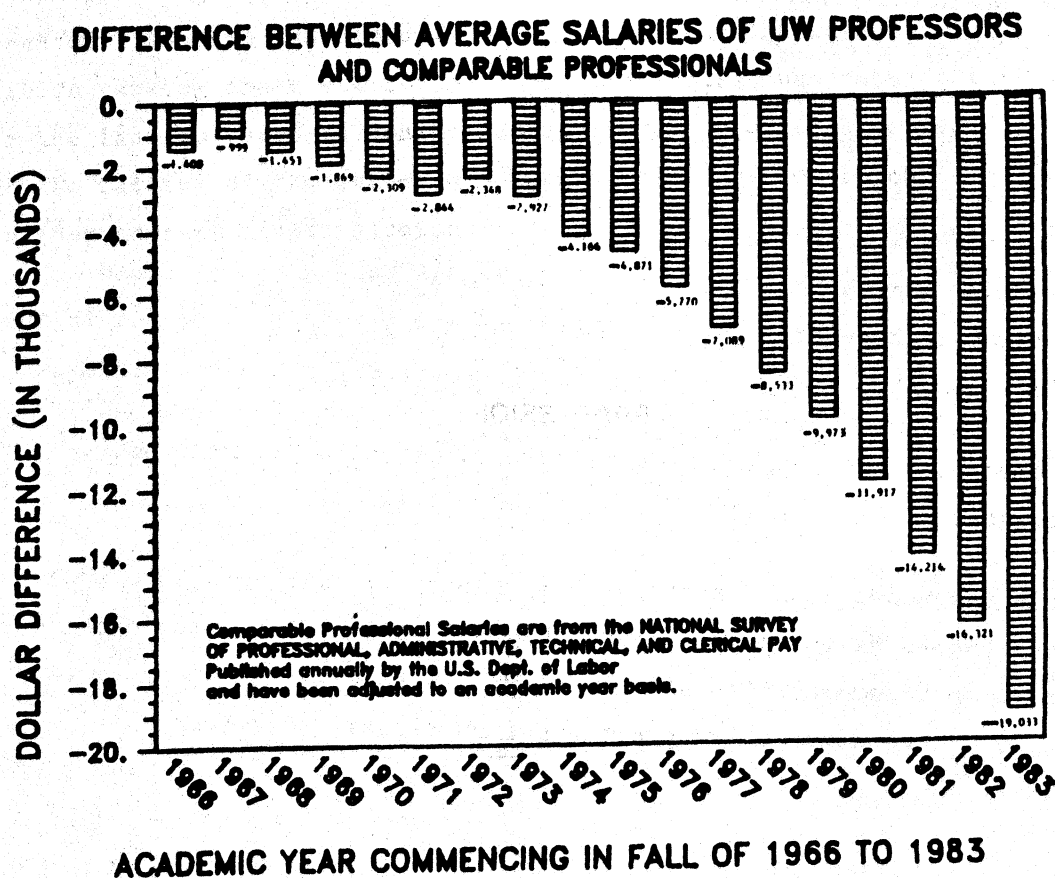


Figure 3 expresses the dollar differences between average salaries of UW professors and those paid to comparable professionals.

- * The gap between faculty salaries and salaries of comparable professionals in the private sector has increased steadily since 1966-67 and dramatically since 1972-73.
- * In 1967-68, average salaries of professors were \$999 less than those in the private sector; by 1983-84, the gap had grown to \$19,033.
- * In 1967-68 average salaries of professors were 94% of salaries of comparable professionals; by 1983-84 the difference dropped to 64.8%.
- * The dollar gap can be expected to again widen in 1984-85 as a result of a salary increase (3.84%) less than the inflation rate.

D. CONTINUED EXAMINATION OF FRINGE BENEFITS NEEDED

In its 1983-85 report the Working Group identified two fringe benefit problems which contributed to a poor competitive position in UW faculty and academic staff fringe benefit compensation. Improvements approved by the Governor and Legislature in this biennium in the retirement formula multiplier has moved the State's standing nearer to the median of other states. However, these improvements will cost employes an additional 1% contribution beginning January 1, 1986. Also, changes in the state health insurance program approved by the Governor and Legislature have begun to stabilize the skyrocketing increases in costs which preempted funds available for compensation and other needs.

We commend the Governor for his declared intention to make health insurance savings available for salary adjustments.

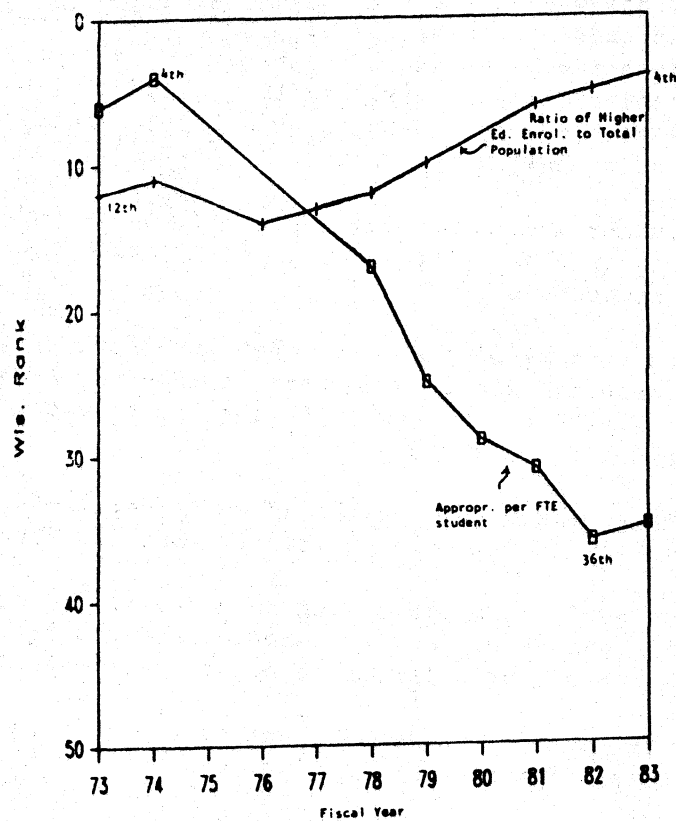
While there are elements of the retirement and life insurance programs which should be improved because they act as impediments to recruitment, the major recommendation of this report is to give top priority to improving the competitive position of UW System salaries.

RECORD OF SUPPORT FOR HIGHER EDUCATION IN WISCONSIN

Historically, higher education in Wisconsin has been greatly prized by the residents of the state who have placed a high priority on access to higher education. Despite the historical commitment to higher education, our relative ranking among state-supported universities has substantially declined over the last 10 years in financial support per student enrolled. At the same time the ranking of the state in the percent of the total population enrolled in higher education has increased.

Figure 4

WISCONSIN'S RANKING AMONG 50 STATES
IN APPROPRIATIONS PER FTE STUDENT AND
IN RATIO OF PUBLIC HIGHER ED. ENROLLMENTS TO TOTAL POPULATION



Source: Washington State's Council for Postsecondary Education

As Figure 4 shows, Wisconsin's ranking among the states in appropriations per FTE student in higher education dropped from a high of fourth among the 50 states in 1973-74, to 36th in 1981-82, and increased slightly to 35th in 1982-83, the last year for which data are available. This occurred in the same period that Wisconsin's ranking among the states in the percent of the total population enrolled in higher education increased from 12th in 1973-74 to fourth in 1982-83 (also shown on Figure 4).

SUMMARY

The deterioration in faculty and academic staff compensation which was documented in great detail in the Report of the 1983-85 Working Group has worsened in this biennium. The Report this year of the Governor's Faculty Salary Study Committee and the Academic Staff Salary Study Committee provide further and later evidence of the declining competitive salary position of UW System institutions. Drawing upon information from these studies and its own analyses and survey, this Report of the 1985-87 Working Group presents a current review of the status of faculty and academic staff compensation and assesses its importance and impact on the quality of UW System programs. The following statements summarize the findings of this report.

- * The future accessibility and quality of public higher education in Wisconsin as well as the ability of the UW System to respond to the needs of the state are more than ever dependent upon recruiting and retaining competent faculty and academic staff.
- * The growing inability to keep pace with competition in recruiting and retaining faculty and academic staff because of the erosion in compensation has begun to noticeably impact upon the ability of the Universities to provide quality education, research and service to the state. Institutional experience indicates the following impacts:
 - On student access when students are unable to enroll in required classes or class size is enlarged to accommodate more students with fewer faculty.
 - On the economy of the state when key faculty leave and take with them research grants and other employes or when the loss of key staff limits the University's ability to respond to the needs of the state's industries.
 - On the strength and ranking of major departments often critical to a special mission of a university when its faculty leave.
 - On the advice and counseling so essential to students' decisions about their academic plans when expert and knowledgeable staff leave for higher salaries at other institutions or public schools.
- * University salaries nationwide can be expected to continue to rise in the immediate future at a level somewhat above the rate of inflation.
- * UW institutions increasingly report inability to retain critical staff in the face of competitive salary offers. The real income salary of faculty and academic staff has declined significantly in the last decade, especially when compared with the experience of other professional or private non-farm workers, and has left Wisconsin's universities in a poor position to compete in the retention and recruitment of faculty and academic staff.

- * Serious difficulties are being encountered in recruiting competent faculty and academic staff. Where recruitment has been successful, it has often required the appointment of new personnel at salary levels substantially in excess of that of current personnel of comparable or greater experience, rank and ability.
- * Faculty and academic staff salaries in the UW System have significantly deteriorated in relation to other educational institutions and other professionals in private industry with comparable experience and education.
- * While the improvement in the retirement formula multiplier in this biennium has moved the state's standing nearer to the median of other states, the cost to the employe will increase by 1% beginning in January 1, 1986.
- * The compensation needs of faculty and academic staff of the UW System can no longer be ignored without threatening public higher education in Wisconsin. Salaries must be brought up to a competitive level. Once "caught-up" the biennial pay plan should provide salaries sufficient to "keep-up" with competition in the biennium.

RECOMMENDATIONS

Improving the competitive position of UW System salaries should be the primary goal and priority in the 1985-87 UW System biennial budget.

The Working Group assumes that the "catching-up" of faculty and academic staff salaries will be a matter of high priority which will occur during the 1985-87 biennium.

The Working Group makes the following recommendations aimed solely at "keeping-up" faculty and academic staff salaries with academic and professional competition in the biennium:

1. An 8.5% increase in the first year of the 1985-87 biennium.
2. A 9.5% increase in the second year of the 1985-87 biennium.
3. The Board of Regents be authorized to allocate the funds appropriated for salary increases.

The University of Wisconsin System



OFFICE OF THE PRESIDENT

1700 Van Hise Hall
Madison, Wisconsin 53706
(608) 262-2321

October 30, 1984

TO: Board of Regents
FROM: Robert M. O'Neil *RM*
RE: 1985-87 Biennial Operating Budget Request

A biennial budget request offers a unique opportunity to describe hopes and aspirations as well as to request needed resources. This request does both. It represents our assessment not only of continuing needs in many areas of university activity, but also our sense of ways in which we might help to improve the quality of life in Wisconsin, the economy of the state, and strengthen the links between the University System and the citizenry. It is, in short, a statement of potential as well as of priorities for the next two years.

The materials which follow reflect many months of effort on the part of hundreds of faculty members and administrators at the campus and system level. In the course of preparing this request, we reviewed many more meritorious proposals than could be included in a budget of reasonable dimensions. Even those items which do appear here have been reduced in scale, tempering hope with realism to produce what we believe to be a responsible biennial budget package.

This request differs in several ways from those that preceded it. Some of the differences are procedural, while others are substantive. In the last biennium, for example, only about 25% of our proposals reflected major substantive priorities and initiatives (in contrast to essentially technical adjustments); in this request, almost 60% of the total amount is requested for such purposes. Perhaps the most significant departure from prior practice is the combining of general operating and compensation requests; in the past, salary proposals have been deferred until the late spring of the following year, possibly implying that compensation was less urgent than other needs. For 1985-87, following the unanimous recommendation of the Faculty Compensation Study Committee, we are submitting together the requests for both operating and salary budgets.

The content of the compensation request also differs markedly, since it includes a substantial item for "catch up" as well as the regular proposal for pay plan supplements. Indeed, much of our attention in recent months has focussed on the "catch-up" issue, following the widespread public

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appreciation last year of the serious erosion of our faculty and academic staff salaries. Building on the findings and conclusions of the Faculty Compensation Study Committee we have developed specific recommendations which, if implemented within the biennium, would effect significant improvement in our salary structure by 1987--although, for reasons noted later, would not fully redress the historical erosion of faculty salaries.

If compensation is our first and most urgent priority, as clearly it is, we have also identified several other critical needs in this proposal. Since 1983, we have made substantial progress in improving support for libraries, equipment and supplies, and other instructional support areas--reflecting the central mission of our University System. Even if enrollments had remained static or had declined (as earlier predicted), substantial needs of this sort would remain after the splendid start we have now made. But the enrollments, as you well know, have been anything but static. In fact, the addition of some 5500 students beyond those for whom we budgeted two years ago has compounded our needs in those areas that are at the core of our educational mission.

Later in this document we will detail some of the enrollment-generated problems. Let me simply mention here one of the most dramatic indicia. An undergraduate student in the UW System, we have found, now takes an average of nearly one and one half semesters longer to complete a baccalaureate degree than was the case in 1978-79--a result mainly of the unavailability of needed courses, with costs both tangible and intangible for students, their families, the university and the state. For these and other reasons, we have again placed major emphasis on the "workload" dimension of our instructional request, and would seek relief both in additional faculty positions and related supporting funds.

The instructional portion of our request reflects other critical needs. Library materials remain the lifeblood of a university. In the current biennium, with substantial increases which Governor Earl and the Legislature made possible in our library budgets, we have already increased the acquisition rate from 30 volumes per faculty member to 31.5. The request now before you would improve the acquisition rate to 35-38 volumes per faculty member by 1987.

Similar considerations apply to the balance of our instructional budget request. We recommend modest support to begin implementing the recommendations of the Teacher Education Task Force, of which you received a summary last month from former Executive Vice President Kauffman. Full implementation will be more costly, but we felt we should begin with an initial installment upon which we could build in the future, while assessing progress in improving the preparation and continuing education of teachers.

Finally, we include here a significant item for continued improvement in instructional laboratory equipment and academic computing--two especially critical needs which have been well documented in preparing our request, and will be fully described in the materials which follow.

Beyond the instructional category, we have combined additional needs into several major separate headings. Within "Advanced Technology and Service," for example, we grouped proposals as diverse as economic development programs, telecommunications equipment and other UW-Extension priorities, support for the Agriculture and Natural Resources Consortium and for the La Follette Institute for Public Affairs. The recently created UW-Madison Biotechnology Center would receive state funding under this proposal. Here the theme is unmistakably one of economic development, reflecting the current needs and hopes of the state, and building on unique strengths of faculty and other resources already in place. A relatively modest additional investment would yield substantial benefits for economic growth and development.

A major request for improving the recruitment and retention of minority and disadvantaged students should come as no surprise. In July you received and approved the Joint UW System/DPI Committee report on this subject, with the clear expectation of a biennial budget request to follow. The current proposal is below the level envisioned by the Committee report simply because the figures contained there (including both UW System and Department of Public Instruction programs) presupposed a full biennium of operation. With approval of such a request not likely until the late spring of 1985, we would anticipate substantial implementation in the second year of the biennium, and primarily for that reason have modified the total request. Nonetheless, the improvement of our minority recruitment and retention remains a critical priority; we would anticipate additional requests and continued efforts in future biennia.

The School of Veterinary Medicine is now in operation, and has enrolled its first two classes. The coming biennium will complete the staffing and enable the School to serve all four classes, with clinical programs both at Madison and at River Falls. For that purpose additional positions and a modest budget increase are requested.

The remaining items in the operating budget request are of a more technical nature, though clearly related to our ability to serve additional numbers of students, meet mounting costs of instructional and other materials, open and staff new facilities now nearing completion, and meet our ongoing obligations for utilities and debt service. The nature of each of these requests is fully explained in the accompanying materials.

While the level of this proposed increase--some \$41.9 million GPR--may seem substantial, it represents (exclusive of compensation adjustments) only 3.7% of the current biennial base budget. Of the recommended increase, in fact, roughly 40% or \$17 million is essentially for "costs to continue" which reflect little discretion or imagination. It is the remaining 60% (about \$25 million GPR) which responds directly to critical needs of the time--economic development and related research and service, better support of disadvantaged students, expansion of library collections, improved telecommunications equipment, and the several other priority areas.

I. Unclassified Staff Compensation: Becoming Competitive

The request for faculty and academic staff compensation comes to you in two parts. The first part is a proposal to make University of Wisconsin System faculty and academic staff salaries more competitive with those of peer institutions in other states. This request results directly from the work of two groups—the Faculty Compensation Study Committee appointed by Governor Earl in the fall of 1983 (through its report last spring), and the Academic Staff Salary Study Committee which I appointed at your direction last summer and which reported in September. Both bodies found that current salaries of our faculty and academic staff were seriously out of line with appropriate peers, and that the disparity would worsen during the current biennium. Accordingly, they urged that steps be taken as soon as possible to remedy the deficit. Both committees also urged that salaries, once "caught up," be "kept up" through systematic review in future biennia.

We have approached the "catch-up" issue with several goals. First, it seemed essential to complete the process by the end of the coming biennium—so that our salaries would be "caught up" not later than June 30, 1987. Despite earlier concerns that a disparity which had developed during a decade or more might require more than two years to redress, we now hope that this initial goal can be achieved. Second, it seemed essential to begin the process within the first year of the biennium. Third, however, it seemed unlikely—despite the strong commitment for this purpose by the Governor and legislative leaders—that full "catch up" could begin at the start of the biennium, but would need to be phased in during the biennium. Fourth, it is apparent that not all persons within the academic staff can be included to the same extent in the "catch-up" process. Finally, we have assumed that the Governor and legislature would expect a reasonably detailed proposal from the Regents regarding the internal distribution of "catch-up" funds, limited by the dollar target which we understand to be the maximum likely to receive requisite support from the Governor and the legislative leadership.

Before outlining the details of our proposal, one cautionary comment seems essential. While we have used throughout our discussion the term "catch up," it is for several reasons a misnomer. For one, the target set by the two compensation study committees was only the midpoint of the chosen peer groups—not a higher target which many would argue the superior quality of our institutions, their faculties and staff would warrant. Second, the peer groups used by the two committees were themselves chosen from alternatives, some of which would have been more favorable to and arguably more representative of the quality of our institutions. Third, becoming competitive with mean salaries in the academic profession means at best parity within a depressed sector; the recent report of the National Task Force on Excellence in Higher Education noted, for example, that the faculty salaries nationally now lag at least 20% behind those of other professions and occupations. Finally, of course, being "caught up" for the future includes no redress for the years of deprivation which both study committees found through their longitudinal analysis. Yet, while "catch up" does not mean that complete redress can be achieved by implementing the proposals of

the two compensation committees, it is nonetheless a vital step for which Governor Earl's support is both essential and deeply appreciated by the University community.

The specific proposals which follow reflect in principal part, and are consistent with, the findings and recommendations of the two compensation study committees. The targets for "catch up" adjustments are the midpoints of the appropriate peer groups, refined by data recently gathered about actual 1984-84 salary levels of peer institutions, and with several modifications described more fully in the notes which follow.

In order to assess this proposal, several questions and brief answers to them may be helpful:

1. How would the catch up proposed here be phased during the biennium, if the rates are to reach the target levels by the end of the biennium?

Answer: The first installment would be 40% of the total catch up and would occur on January 1, 1986 (or at the start of the spring semester). A second installment of an additional 30% would occur on July 1, 1986 (or at the start of the fall semester), and the final installment of the remaining 30% would occur on January 1, 1987 (or at the start of the spring semester). Thus the rates would be at the target levels by the middle of the second year of the biennium, and 70% of the rate increase would occur by the start of that fiscal year.

The attached table outlines the estimated cost of the plan according to the phasing schedule just described.

2. What groups of academic staff would be included in the proposed "catch up"?

Answer: Since the available funding does not make it possible to include all members of the academic staff within the "catch up" proposed for the coming biennium, priority should be given to those academic staff whose qualifications and responsibilities most closely resemble those of faculty, and whose functions are most unique to the academic community and most directly supportive of the instructional, research and service missions of the university.

3. Why is a uniform percentage increase not recommended for UW-Extension faculty?

Answer: Provision should be made for UW-Extension faculty "catch up" on an essentially geographical basis. Those persons who are based in Madison, and/or presently or potentially integrated with the UW-Madison, should generate the "catch up" adjustment designated for UW-Madison faculty. Those based in Milwaukee would generate the "catch up" level designated for the UW-Milwaukee, and so on throughout the UW System.

4. Is not the increase proposed for University Cluster faculty substantially higher than the figure envisioned by the Faculty Compensation Study Committee?

Answer: It is in fact somewhat higher, and for several reasons. For one, a technical recalculation (including such factors as conversion of all personnel to a common calendar for base salary purposes) would produce a University Cluster increase of at least 6% vis-a-vis the peer group, rather than the less than 5% which the initial data generated. More importantly, the University Cluster Chancellors and their faculty leaders have argued convincingly that the distinctive contributions of their institutions to teaching, scholarship and service in Wisconsin were insufficiently recognized by the initial comparisons. The use of alternative peer groups (such as those contained in an Appendix to the Report of the Faculty Compensation Study Committee) would also have yielded a higher catch-up figure for University Cluster faculties.

5. Would this proposal increase the dollar differential between University Cluster and Doctoral Cluster salaries?

Answer: Yes, it might, although the actual extent to which the gap would widen depends upon the internal distribution at each institution. If, for example, the doctoral institutions favored junior faculty, as they did in allocating the Faculty Recognition Fund two years ago, the differential would presumably be mitigated. Moreover, any increase such as the normal pay plan supplements would cause some widening of the dollar differential.

6. Is the current dollar differential the result of historic favoritism to the doctoral institutions, and especially to UW-Madison?

Answer: If anything, the reverse may be the case. In 1967, for example, the ratio of Madison:University Cluster full professor salaries was 1.33:1. Today that ratio is 1.21:1. The principal factor in that narrowing was a conscious state policy in the years between 1967 and 1973 to raise salaries for the Wisconsin State Universities faculty by a larger percentage than for the University of Wisconsin faculty—a total differential of more than 9% during those years in favor of the WSU institutions. Since merger, all institutions in the UW System have received the same percentage of the salary base for annual increments (with the exception of some \$250,000 allocated under the Faculty Recognition Fund in 1983). Had the post-merger parity applied prior to merger (as it did before 1967) the current differential between doctoral and university clusters—at least the former WSU institutions—would presumably be greater than it now is.

7. What is the policy of other states toward such differentials?

Answer: The differentials vary, although we have found no state in which a substantial difference between public doctoral or major research campus salaries and those of other state universities does not exist. In some states, the full professor differential is larger—\$11,460 in Illinois, \$11,103 in North Carolina, \$9,866 in Texas, and \$8,504 in Washington (using 1983-84 figures, the latest available). Moreover, the difference in dollars at the associate and assistant professor ranks is typically larger than are these differentials in Wisconsin. Clearly these

other states recognize the educational soundness of such variations, appropriate to mission and relevant institutional characteristics.

8. Would the proposed catch-up plan put the Wisconsin salary structure out of line with other states?

Answer: Because we do not know the details of current pay plans in other states, extrapolations are problematic. But we would expect, for example, that the California differentials would widen markedly as a result of the substantially different increases proposed for University of California and California State Universities faculty. For other states we have assumed a uniform pay plan in the coming biennium at all state institutions; the resulting Wisconsin differential would be well within the range of peer states and systems, both in dollars and in percentages. (Here again, we assume that the same share of the "catch up" would go to all ranks across the System--an assumption which, for reasons noted earlier, may not be accurate.)

With this background and explanation, we present a major recommendation for making our faculty and academic staff salaries more competitive through the 1985-87 biennium. Implementation of this proposal would represent a most welcome response by state government to a condition which is clearly not the product alone of the last biennium, but which desperately needs to be redressed as soon as possible. Such a response would undoubtedly enhance morale and commitment among our faculty and academic staff colleagues, who have remained in Wisconsin despite uncertain salary prospects in this and previous biennia. Most important, such a response would offer tangible evidence that state government values a priceless human resource, on which the future welfare, growth, vitality and humanity of Wisconsin critically depend.

UNIVERSITY OF WISCONSIN SYSTEM
COST OF PHASED PLAN FOR SALARY CATCH-UP TO COMPETITIVE LEVELS

REVISED 11/8/84 TO REFLECT
INCREASE IN UNIVERSITY
ACADEMIC STAFF PERCENTAGE
FROM 2.2% TO 6.0%

	COST (IN MILLIONS)				Funding Required For 1987-89	% INCREASE IN BASE SALARY BY CLUSTER						
	1985-86	1986-87 Incr. Over 1985-86	1986-87 Cum.	Biennial Total		Madison	Milwaukee	Univ. Cluster	Univ. Centers	Univ. Extension	System Average	
FACULTY												
1/1/86	40%	\$ 6.4	\$ 6.4	\$ 12.8	\$ 19.2		6.0%	4.4%	3.6%	6.0%	*	4.8%
7/1/86	30%		10.7	10.7	10.7		4.5	3.3	2.7	4.5	*	3.7
1/1/87	30%		5.1	5.1	5.1	\$ 10.1	4.5	3.3	2.7	4.5	*	3.6
Total		6.4	22.2	28.6	35.0	10.1	15.0	11.0	9.0	15.0	*	12.1
ACADEMIC STAFF												
1/1/86	40%	1.9	1.9	3.8	5.7		5.6	4.1	2.4	7.0	*	4.7
7/1/86	30%		3.3	3.3	3.3		4.2	3.1	1.8	5.3	*	3.5
1/1/87	30%		1.5	1.5	1.5	3.0	4.1	3.0	1.8	5.3	*	3.5
Total		1.9	6.7	8.6	10.5	3.0	13.9	10.2	6.0	17.6	*	11.7
COMBINED UNCLASSIFIED SALARY CATCH-UP				45.5	13.1							
SOURCE OF FUNDS												
GPR				26.0	7.8							
FEES				9.4	2.9							
Other Program Revenue				7.5	2.3							
Base Reallocation				2.6	.1							
Total				45.5	13.1							

* Percentage adjustments for faculty and academic staff will correspond to the percentage adjustments for the campuses with which Extension personnel will be integrated.

11/9/84

III. RE

I-2
II-1
III-1

D. UW-PLATTEVILLE (cont.)

2. 1983-85 Institutional Road Relocation (8406-24)

a. General Work
Iverson Construction, Inc. - Platteville \$ 55,770.00

b. Electrical Work
Westphal & Company, Inc. - Janesville 3,600.00

TOTAL CONTRACT AWARDS: \$ 59,370.00

E. UW-RIVER FALLS

1. 1984-85 Nursery Plot Pole Storage Building (8407-30)

a. All Work
Lester's Inc. - Lester Prairie, MN \$ 11,300.00

F. UW-STEVENS POINT

1. 1983-85 Steam Distribution System Repairs (8405-31)

a. All Work
Accurate Mechanical Contractors, Inc. - Kaukauna \$ 74,257.00

G. UW-WHITEWATER

1. 1983-85 Center for the Arts Masonry Repairs (8311-61)

a. All Work
Pukall Co., Inc. - Cedarburg \$ 12,400.00

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

A. UW-EAU CLAIRE

1. 1981-83 Four Building Masonry/Caulking Repairs (Fine Arts Center/
Hibbard Humanities Building/Thomas Residence Hall/Central Heating
Plant Chimney)

a. R & P Industrial Chimney Co., Inc. - Lexington, KY ADD \$ 31,208.00

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT).

A. Lease agreements for the following UW-Madison Experimental Farms residences have been signed by the Vice Chancellor for Administration. The agreements are for the two-year period beginning July 1, 1984 and have been prepared in accordance with the rate methodology established by the Joint Committee on Finance:

Experimental Farms/Station

REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT).

A. (Cont.)

III-2

Two-year farms residence lease agreements beginning 7/1/84

Farm Residence (Bldg. No.)

*for several UW-Madison
Locations
nonpersonal
actor A
Lessee*

Arlington Experimental Farm Swine and Sheep House (#812)	Robert K. Dorsey
Arlington Experimental Farm Sheep House (#825)	James F. Elphick
Arlington Experimental Farm Headquarters Residence #1 (#845)	Raymond R. Hofer
Arlington Experimental Farm Turkey House (#847)	Richard A. Neabit
Arlington Experimental Farm Dairy Farm Residence #1 (#855)	Robert F. Elderbrook
Arlington Experimental Farm Swine and Soils House (#880)	Duane L. Gangwish
Arlington Experimental Farm Horticulture House (#912)	Kenneth A. Kmiecik
Arlington Experimental Farm Beef Nutrition/Truss Frame (#961)	Steven C. Arp
Ashland Experiment Station Herdsman's Residence (#252)	Richard D. Joanis
Hancock Experiment Station Superintendent's Residence (#345)	Thomas H. Wright
Kemp Biological Station Caretakers Residence (#715)	Raymond P. Kennedy
Lancaster Experiment Station Assistant Superintendent's House (#162)	Daniel E. Peschel
Lancaster Experiment Station Superintendent's House (#181)	William H. Paulson
Madison Experiment Station Hill Farms West Residence (#215)	Robert D. Vogelzang
Madison Experiment Station Mandt Farm Residence (#626)	Alfred A. Gerbitz
Madison Experiment Station Charmany Residence (#656)	Glen R. Moen
Marshfield Experiment Station Model Farm House (Supt.) (#314)	Garit H. Tenpas
Peninsular Experiment Station Foreman's Residence (#376)	Brian H. Schauske

11/9/84

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT).

III-3

A. (Cont.)

Spoooner Experiment Station Foreman's Residence (#277)

James E. Hrouda

Spoooner Experiment Station Assistant Superintendent's House (#288)

Thomas K. Cadwallader

UW-Oshkosh - Contract for auditing services with the Legislative Audit Bureau for an LAB audit of Headstart program, nonpersonnel item B

B. A Contract for Auditing Services between the State of Wisconsin Legislative Audit Bureau and the University of Wisconsin System providing for the performance of an audit by the LAB of the Headstart Program at UW-Oshkosh, required by the federal government and with costs not to exceed \$1800, has been signed by the Vice President for Business and Finance, October 10, 1984.

Xref - Legislative Audit Bureau - Contract for auditing services at UW-Oshkosh of Headstart program, nonpersonnel item B

C. To Be Published By UW-Press:

<u>TITLE</u>	<u>AUTHOR</u>
Cloning and the Constitution	Carmen, Ira H.
"Heracles' Bow: Essays on the Rhetoric and Poetics of the Law"	White, James Boyd
Manuscript-in-progress on Darwin's ORIGIN OF SPECIES and the rhetoric of science	Campbell, John A.
Manuscript-in-progress on the rhetoric of linguistics	Pratt, Mary
"Re-examining the Origins of Public High Schools: An Analysis of the Beverly High School Controversy in the Mid-Nineteenth Century"	Vinovskis, Maris A.
"Urban Economic Development: Politics and Policy"	Eisinger, Peter K.