

Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: July 8, 1988. 1988

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MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Madison, Wisconsin

July 8, 1988

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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, July 8, 1988 9:00 a.m.

- President Schilling presiding -

PRESENT: Regents Clusen, Davis, Doughty Luckhardt, Fish, Gerrard, Grover, Hanson, Hassett, Jarvis, Lyon, Nicholas, Nikolay, Schilling, Vattendahl and Weinstein

ABSENT: Regents Flores and Heckrodt

Approval of Minutes

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Minutes of the annual meeting held on June 10, 1988, were unanimously approved, upon motion by Regent Weinstein, seconded by Regent Nikolay.

REPORT OF THE PRESIDENT OF THE BOARD

President Schilling thanked Vice President Lyon and Secretary Temby for their assistance with matters which had arisen while he was out of the state.

Future Board Agendas

All regents were asked by President Schilling to bring to his or Vice President Lyon's attention issues they thought should be addressed in the coming year. Regents Schilling and Lyon also intended to meet with President Shaw on this matter.

Www. White nation on the Retirement of Art and Molly Krival, P. 2

President Schilling read a letter that Chancellor Connor had sent to Regent Hanson, who at the last meeting had called attention to the retirement of a husband and wife from careers of service in the UW System. His letter noted that another husband and wife team was retiring this year--Art and Molly Krival. Mr. Krival served as a senior lecturer at UW-Madison and Mrs. Krival served as a professor of communications at UW-Whitewater.

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* VTAE - Report migroanance as it relates to fordgets 8:2

Report of the President of the VTAE Board

Regent Hassett, President of the State VTAE Board, reported that at its last meeting the VTAE Board had a retreat to review the authority of the local and state boards. Noting that there was some lack of clarity about the extent of state versus local authority, he observed that the state board was thought to lack power because it had no authority over the budgets or appointments of the local boards. Now that there was a shortage of funds, this matter had become a more visible problem. In view of legislative interest in increasing the state share of funding to 50 percent or more, Regent Hassett had publicly raised the issue of governance on the basis that the Governor, the Legislature, and taxpayers probably would demand that, with a greater share of state funding, there be more control by the state board. Governor Thompson was scheduled to speak to the VTAE Board about this matter at its July meeting.

Lassett, Regul Paul

Resolution of Appreciation to Regent Hassett, R 5002, Pp 2-3

Commending Regent Hassett for his role in calling attention to the VTAE governance issue, Regent Weinstein presented the following resolution which was unanimously adopted by the board with a standing ovation for Regent Hassett:

Resolution 5002: Wher

: Whereas, Paul E. Hassett is retiring from the Board of Regents after two years of dedicated service on the board in his capacity as President of the Wisconsin Board of Vocational, Technical and Adult Education; and

Whereas, he brought to the Board of Regents a distinguished record of public and private sector accomplishments, including service as Executive Assistant to Governor Warren Knowles and President of the Wisconsin Manufacturers and Commerce; and

Whereas, his strong commitment to the cause of public education is demonstrated by the great amount of time and effort he generously devoted to service as a Regent, in addition to his responsibilities as State VTAE Board President; and Whereas, his faithful service and good counsel have enhanced communication and cooperation between the UW System and the VTAE System;

Therefore, be it resolved that the Board of Regents of the University of Wisconsin System hereby commends Paul E. Hassett for the meritorious service he has rendered; and

Be it further resolved that, with great appreciation for his significant contributions to postsecondary education in Wisconsin, the Board of Regents grants to him the status and title of Regent Emeritus.

President Schilling remarked about the dedication with which Regent Hassett and other VTAE Board presidents served as members of the Board of Regents, bringing not only the perspective of the VTAE System, but genuine interest in the overall well-being of the UW System. On behalf of the Board of Regents, he presented to Regent Hassett a plaque inscribed as follows: "In appreciation for distinguished service, Paul E. Hassett, University of Wisconsin System Board of Regents, 1986-1988."

Ed B - Repat on mission, officers, UW melundes & UW Getension pulse television & a patellite uplink, p.3

Report on the Educational Communications Board

Reporting as the regent member of the Educational Communications Board (ECB), Regent Clusen called attention to a chart she had distributed, which indicated the mission of the ECB and outlined the extensive activities in which it was involved. She noted that advances in telecommunications technology offered a growing array of opportunities for improved service.

Indicating that the ECB recently held its first retreat, Regent Clusen commended Vice President Bornstein for his role in making it a successful experience.

In election of officers, the chair of ECB was reelected for another term, although his term on the board had expired earlier in the year, and no appointment had yet been made. Regent Clusen was reelected vice chair.

There had been satisfactory resolution of a situation which involved negotiations between Chancellor Smith and Chancellor Boyle regarding two public television outlets in Milwaukee--one on the campus of UW-Milwaukee, and one in the downtown area.

An exciting new development, Regent Clusen reported, was that UW-Extension, UW-Madison, and the ECB had joined together to provide a satellite uplink. This would allow Wisconsin, particularly the UW-Madison College of Engineering, to participate in the National Technological University. The ECB, which was to operate the uplink, had asked the State Building Commission, the Legislature's Joint Finance Committee, and the Department of Administration for funds to finance operation of the uplink.

<u>BB</u> - Review of regaring this & upcoming meetings/ some p.4 <u>Report on the Association of Governing Boards of Universities and</u> Colleges

Regent Clusen noted that this national organization consisted of governing boards of all sizes and types of institutions--public and private. While in the past the AGB had been primarily oriented to private institutions, in recent years more attention had been paid to large public universities and systems. She called attention to two upcoming seminars on national policy making, sponsored by the AGB and the Brookings Institute, one in September and one in February. The purpose was to look ahead at higher education policy issues for the next congressional session, including national policy trends, priorities, legislative initiatives, and methods for institutions to influence policy development. She asked regents to consider attending one of these seminars, particularly because of the significant financial impact of national policy on higher education.

President Schilling noted that the Board of Regents had not been active in recent years in regional or national organizations. He joined Regent Clusen in urging board members to consider participating in such conferences.

Regent Clusen added that, in addition to what could be gained at these meetings, it was recognized that the UW System also had much to contribute to the issues being discussed.

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Regent Grover expressed appreciation to Regent Hassett for his contributions on behalf of the public schools. He had chaired the Task Force on Teacher Education, which brought about new standards for teacher preparation in the state, and had chaired the Japanese Language and Culture Task Force. He also was instrumental in creating the Business World program, which was assembling a thousand young people, business leaders, and teachers on campuses this summer.

In cooperation with the North Central Regional Laboratory, the Department of Public Instruction was planning conferences for teacher educators in Eau Claire, Milwaukee, Madison, and Oshkosh on changes in curriculum, changes in testing, and new minimum standards for schools. Regent Grover encouraged the chancellors to urge faculty to attend these meetings.

Regent Grover reported on a joint effort between the Department of Public Instruction and the UW System concerning expansion of the program to retrain teachers in the area of science. In addition to programs currently offered at UW-La Crosse, UW-Milwaukee and UW-Green Bay, there was a proposal being prepared for submission to the National Science Foundation which would extend such training to other campuses.

Begent Officers - Cose, Vice Ares. Ray Marsha elected Election of Assistant Trust Officer Bondaust. Trust Officer, p. 5

President Schilling noted that Associate Vice President Raymond Marnocha served as Trust Officer of the board until succeeded by Vice President Poellnitz on July 1. He was now recommended for election as Assistant Trust Officer.

Upon nomination by Regent Fish, seconded by Regent Davis, Raymond Marnocha was unanimously elected Assistant Trust Officer of the board.

REPORT OF THE PRESIDENT OF THE SYSTEM

Approval of Nonpersonnel Actions/Informational Items

Resolution 5003 was moved by Regent Nikolay, seconded by Regent Davis and adopted unanimously.

Resolution 5003:

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

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Presentation on UW-Eau Claire Honors Program, pp 5-9

Introducing the presentation, Vice Chancellor Suzanne Fleming commented that the University Honors Program, approved by the Faculty Senate in February 1983 and implemented the following autumn, admirably encompassed and supported the mission of UW-Eau Claire. Highly selective in its criteria for admission, it allowed talented undergraduate students to develop their capacities for critical inquiry, reading, writing, problem-solving, discussion, advocacy, independent learning, and leadership.

For a description of the program, she introduced Dr. Ronald Michel, Professor of History and Director of the Honors Program; Laura Jochimsen, a senior majoring in business finance; and Valerie Rust, a nontraditional student majoring in elementary education.

Professor Michel commented that the University Honors Program sought to provide an extra measure of challenge to outstanding students in accordance with UW-Eau Claire's efforts to provide for the individual needs of all students. The program provided special courses to be used in meeting general education requirements, with the hope that honors students would move on to pursue, in their junior and senior years, departmental honors in their majors.

The program recruited students using rigorous criteria. Students joined the program primarily as new freshmen and were invited to participate if they met both of two criteria. First, they must have been in the upper five percent of their high school graduating class; and secondly, they must have placed in the upper five percent nationally on their ACT or SAT scores. Faculty advisors identified other students who would be good prospects for the program: for example, an incoming freshman who might have been third in a class of 50 but who had outstanding test scores. After students were at UW-Eau Claire for a semester, those with grade point averages of at least 3.5 also were invited to join the program. Finally, students who did not meet the criteria, but wished to participate, were not refused if they had the promise of benefiting from the program. At present, about 280 students were participating in the program, though not all took honors courses during any given semester.

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There were two types of courses offered by the program. One type, called colloquia, contained courses specially developed by faculty for honors program students. These tended to be interdisciplinary, sometimes involving more than one instructor, and often involving guest speakers. The other type of course, called honors electives, had special sections of existing courses set aside for honors students. Almost all courses in these programs applied to general education requirements. If a student completed four colloquia, two at the freshman level and two at the junior level, and completed four electives from four different departments, and if the student had a total grade point average of at least 3.5 at the time of graduation, that student earned university honors and was so recognized at commencement and on his or her transcript and permanent record.

Honors courses were distinguished by two characteristics. First, all honors courses were limited to no more than twenty students. With an emphasis on discussion and student participation, everyone learned to know and interact with others, and faculty were able to give individual attention to the needs of each student. More writing was required than in regular courses, as faculty tried to develop each student's writing skills. The second characteristic was that faculty could teach differently in classes where every student was capable of earning an A grade. Subjects were explored in greater depth and with more sophistication. Beyond this, faculty tried to develop student skills in analytical thinking, critical reading, independent learning, speaking and writing, and leadership.

Noting that the program had been carefully evaluated by students and faculty from the start, Dr. Michel added that a special team of faculty undertook a thorough evaluation of the program last spring, and external reviewers also had examined the program recently. All judged it to be highly successful. The program had assisted in recruiting and retaining outstanding students, and the university looked forward to enhancing and enriching it in the coming years.

Speaking as a student in the Honors Program, Laura Jochimsen cited the advantage of smaller class size, as well as high quality of instruction. With fewer students, professors could become acquainted with all students and give them individual attention based upon their needs. Instructors also could spend more time critiquing students' work to help them improve academically. The students learned to know students from different disciplines, class levels and age groups. The smaller class size also was conducive to the kind of lively, interesting class discussion not often experienced in regular lecture classes.

Commenting on the high-quality learning atmosphere in honors classes, Ms. Jochimsen noted that faculty who taught them were among the best and most enthusiastic on campus. They specially prepared the curricula of the honors class to include creative projects, thought-provoking reading, and special interest topics, with all materials designed to challenge honors students to work to their full potential.

Many projects were designed to build independent research skills, and students were encouraged to explore their own ideas. Honors classes also stressed critical reading and writing skills, which could be used to succeed in other classes as well as in post-graduate employment. In addition, honors classes progressed more rapidly than regular classes, leaving more time for the special interest topics that made them exciting.

In conclusion, Ms. Jochimsen said the honors classes had enriched her college experience by enabling her to learn new skills, meet new people, and excel academically. In fulfilling the requirements to graduate with honors, she had been exposed to a wide range of subject matter which she might not otherwise have had the opportunity to explore. She hoped the program would grow over the years, so that new classes could be offered and more students could benefit from participating in them.

The next speaker was Valerie Rust, a nontraditional student who began college at the age of 29, as a single parent.

Ms. Rust noted that the honors program allowed students to become involved in the Honors Program Organization (HPO), in which she had held office. Members of the HPO worked on special projects such as arranging speakers from the campus and community for regular monthly meetings and special events. HPO also offered a "buddy system" for incoming honors freshmen by pairing them with more experienced program members. Older students agreed to be available for questions, socializing, and informal orientation to the campus and the Eau Claire community.

Members of the honors program also had the opportunity to attend the West Central Wisconsin Consortium Conference held in January and the Upper Midwest Honors Council Conference held each April. In addition, she and another student planned to attend the National Collegiate Honors Council Conference in October and had been notified that their proposal to offer a workshop had been accepted.

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Benefits of the conferences included opportunities for socialization among honors students from various campuses and exposure to new ideas that could be used to enhance programs. The conference sessions, which were paneled either by faculty members or student groups, were interesting and intellectually stimulating.

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Ms. Rust added that the most important impression she had brought back from the conferences was a deep appreciation for the quality of UW-Eau Claire's honors program and the level of dedication to excellence shown by faculty and students.

Regent Hanson asked if many students dropped honors courses.

In response, Dr. Michel noted that courses were closed when twenty students had enrolled, but often only nineteen or eighteen students remained at the end of the semester. He added that students often had justifiable reasons when they dropped honors courses.

Regent Nicholas inquired about the grading system in the honors courses.

Dr. Michel replied that students were not graded on a curve and that standards for grading were not more rigorous than those applied in other courses. Rather, it was the level of performance in the classroom that was considered crucial. Grades in honors courses tended to be high and students tended to do better in their honors courses than in their regular courses.

Commending UW-Eau Claire for its program, Regent Weinstein noted that a low faculty-student ratio had been cited as an important element in its success. It was very unfortunate, he added, that state officials had not been persuaded that such a ratio was needed, not only for honor students but for all students, so that all could benefit from a close relationship with the faculty.

Regent Clusen inquired about the limit on the number of students who could participate in the honors program during the year.

Dr. Michel replied that the number of courses and sections was dependent on what faculty could donate to the program. For example, if there were to be an honors section of economics, the Economics Department had to be willing to have one of their sections limited to 20 honors students. This fall, there would be about 13 total honors sections, all of which would be filled before the end of the summer freshman registration. Some students were turned away each semester because courses had reached their 20-student limit.

Regent Clusen asked if faculty dropped students from the program if they showed evidence of not being able to do honors work.

Dr. Michel replied that a student would be dropped from the program if his or her grade point average fell below 3.0.

In response to a question by Regent Weinstein, Dr. Michel indicated that honors courses were taught by faculty and by academic staff who had established credibility as instructors.

President Schilling thanked Vice Chancellor Fleming, Dr. Michel, Ms. Jochimsen, and Ms. Rust for the interesting presentation.

President Shaw added that the program provided an excellent example of what could be done to recruit and retain talented students.

Proposed Closing of Food Animal Clinic at UW-River Falls, pp 9-10

President Shaw announced that in September he would ask for regent approval of legislation to terminate the UW-Madison Satellite Food Animal Clinic facility at UW-River Falls and to transfer the associated consultation/teaching staff and special equipment back to the UW-Madison School of Veterinary Medicine. Commenting that this change would be beneficial, not only to the institutions involved but also to the students and citizens served by these institutions, he said it would strengthen the food animal medicine program in Madison and provide needed space for UW-River Falls and UW-Extension to better respond to the agriculturally related needs of the community and the region.

The proposal to be presented in September would be the culmination of a 15-month review of current and prospective use of the facility, involving UW-Extension, UW-Madison and UW-River Falls. Use of the facility also was the subject of a current study by the Legislative Audit Bureau, which probably would be completed before the end of the summer.

In 1977, the Legislature had directed the Board of Regents to establish a School of Veterinary Medicine at UW-Madison and also had directed that there be a satellite clinic at UW-River Falls. Funding for construction and operation was provided in the 1979-81 budget, and the UW-River Falls facility was completed in 1983.

The facility was established with the intention of providing UW-Madison veterinary students experience with food animal medicine and aiding River Falls area animal producers through consultations with faculty. In actuality, however, the building and program had been underused on both counts. Comparatively few UW-Madison students had been able to take advantage of the program because of its distant location from the UW-Madison campus. Additionally, since the original decision in 1977, substantial growth in the number of private veterinary practices in the River Falls area had resulted in a lower-than-expected level of requests for faculty consultation.

UW-River Falls had indicated that, with proper approval and in cooperation with UW-Extension, the building could be used to respond better to local and regional agricultural needs; and UW-Extension had indicated its interest in working cooperatively with UW-River Falls to use the facility to improve outreach efforts. UW-Madison concurred with that position and believed that the proposal would strengthen the program in food animal medicine without additional costs.

Given the language of sec. 36.25(18), Wis. Stats., action could not be taken without legislative approval. Therefore, the president intended to ask regent consideration to seek a statutory change at the earliest possible time, in order to proceed with termination of the satellite food animal clinic facility at UW-River Falls and the relocation of these programs.

In summary, he believed that this change would strengthen the UW-Madison food animal medicine program by consolidating resources to help improve instruction and clinical services at UW-Madison. In addition, the change would provide space at UW-River Falls for other agricultural activities. The September request would include examples of how the facility would be used.

Requesting a monetary assessment of the change, Regent Fish observed that it might be difficult to persuade the Legislature to close the facility unless savings could be demonstrated. It also should be pointed out, he added, that one reason for underutilization of the facility was that many of the referrals in the River Falls area were going to the University of Minnesota.

Replying that the question of actual reduction in cost was one of the matters to be reviewed, President Shaw indicated that there would be some expenses in preparing the building for the activities that UW-River Falls might undertake in cooperation with UW-Extension. However, these should be balanced against the expense of not sufficiently utilizing a building when there were other needs to be met.

Regent Weinstein asked that the September report include both the amount to be saved by the change and the amount that would have to be expended. If the expense proved too great, he felt the Legislature would be unlikely to approve.

Concurring with the president's recommendation, Regent Lyon commented that the UW-River Falls satellite unit was not a good fit for the School of Veterinary Medicine in Madison. He hoped that in the next budget the agricultural extension and outreach program in the River Falls area could be strengthened to meet the needs that existed. Working with UW-Extension, the relationship between agricultural producers and the university could be fortified. Business Industry - VW Septer Africa to Left

11 System Relationship with Wisconsin's Pulp and Paper Industry, pp 10-11

President Shaw announced that on June 8 the UW System convened a special working group meeting in Stevens Point, to explore new and innovative ways to help Wisconsin's pulp and paper industry compete and grow

more successfully. Those attending the meeting included staff from UW System Administration, UW-Madison, UW-Green Bay, UW-Stevens Point. the U.S. Forest Products Laboratory and three of Wisconsin's major paper companies. They discussed a number of public and private sector initiatives that could benefit Wisconsin's paper and pulp industry and that could form the basis of future discussions and joint activities. This session followed an earlier meeting convened by President Shaw several months previously, which included participation by Chancellor Shalala, members of the legislative branch and key executives of the paper industry. At that point, it was concluded that more specifics were needed and the working group therefore was formed. It was anticipated that in time these efforts would result in new and useful ways of working together.

DNR ->

<u>DNR Recovery Program for Peregrine Falcons</u>, p." <u>New Hall</u> (<u>Some</u>, fuladed 'aktops of Non-This') <u>You Fresident Shaw announced that the previous day six peregrine falcon</u> chicks were placed in a protected enclosure on the roof of Van Hise Hall and would be released in about ten days. UW-Madison Professor of Wildlife

Ecology Stanley A. Temple was to oversee the release program. This continued the recovery program for this endangered species begun by the Department of Natural Resources in 1967 and funded by contributions to the Endangered Resources Fund. Famous for their speed and beauty, peregrine falcons had become endangered by pesticide contamination, particularly DDT.

Un attantion of Dean of Cooperative Extension, Dr. Rupe C. Somerson, p. 1

Chancellor Boyle introduced Dr. Ayse C. Somersan, the newly appointed Dean of Cooperative Extension. Dr. Somersan, whose educational background was in international economics, recently had achieved national recognition for her leadership role in the community economic development program.

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Chairman Lyon presented the report of the committee. Budget Approval of 1988-89 Annual Operating Budget and Fee Schedules, R. 5004, Approval of 1988-89 Annual Operating Budget and Fee Schedules, R. 5004, Pp11-16

At a portion of the meeting to which all regents were invited, President Shaw summarized the 1988-89 annual operating budget of the UW System. In addition to the 100 positions released this year, authorization had been granted to fill an additional 215 instructional positions, and another 25 were to be released upon legislative approval of certain reports. Seven additional distinguished professorships and three new minority/disadvantaged programs had been funded for 1988-89.

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Changes from the prior year included a GPR/fee increase of 4.1 percent, a 9.2 percent increase in gifts and trust fund income, a 5.3 percent increase in federal grants and contracts and a .7 percent increase in auxiliary operations. These increases amounted to \$37.1 million, \$8.6 million, \$12.6 million and \$1.6 million, respectively.

The budget included an average tuition increase of 5.7 percent. President Shaw outlined the method for determining tuition amounts and indicated that the UW System was moving toward the undergraduate tuition differential goal established by the regents' Strategic Plan for the Future, which provided for the university cluster and the UW Centers to reach 80 percent and 75 percent of the doctoral cluster fees, respectively.

Student segregated fees would increase an average of 5.5 percent. Increases beyond inflation-driven areas of pay plans, fringe benefits and price increases were due to reduced interest earnings, capital improvements, enrollment reductions and some program enhancements.

Room and board rates would increase an average of 4.2 percent, due to the compensation factor, inflation, reduced interest earnings, municipal services charges and facility maintenance. It was pointed out that the total cost for the average resident, undergraduate, dependent student living on campus would be \$5,529.

Included in the hospital budget was a rate increase of 9.8 percent. The president explained that over half of the increase was needed to offset the reductions to revenue for inadequate government reimbursements, bad debts and indigent care. The remainder was due to salary and fringe benefit cost increases, inflationary increases in medical supplies and an attempt to improve cash reserves.

James Smith, President of the United Council of UW Student Governments, requested additional information on financial aid calculations as related to tuition differentials between the doctoral and university cluster institutions and the UW Centers. It was agreed that this information would be provided.

With Regents Doughty Luckhardt, Hanson and Nikolay voting "No," Resolution 5004 was approved at the committee meeting. It was moved by Regent Lyon and seconded by Regent Nicholas that the following resolution be adopted by the board.

That, upon the recommendation of the President of the Resolution 5004: University of Wisconsin System, the 1988-89 operating budget including auxiliary reserves and rates for academic fees/tuition, segregated fees, room and board, parking, and University Hospital as reflected in the document 1988-89 Operating Budget and Fee Schedules, July 1988 be approved. The 1988-89 amounts are: GPR \$ 663,352,954 (37.2%)Academic Fees 267,058,468 (15.0%)Total GPR/Fees 930,411,422 (52.2%) Other 852,310,150 (47.8%) Total \$1,782,721,572 (100.0%)

> That the President of the University of Wisconsin System is authorized to make necessary adjustments to the budget as changing conditions require.

Regent Weinstein asked that the minutes include the request made at the committee meeting that the Hospital Council of Trustees provide the board with options other than fee increases for dealing with funding shortfalls in three areas.

With reference to the questions raised about the financial aid and tuition relationship, President Shaw introduced Mr. John Litscher, Executive Director of the Higher Educational Aids Board, and UW System Assistant Vice President Albert Beaver.

Commenting on the policy implications of equalizing tuition increases, President Shaw noted first that students at the comprehensive universities and the centers would be paying a higher percentage of their cost of instruction. Second, money would have to be transferred to the doctoral institutions from the others, to make up for the shortfall in fee funding; and third, equalizing the increases would move away from the differential between clusters, as set forth in the Regents' Strategic Plan for the Future.

With regard to financial aid calculations, the president explained that the first step was an analysis, based on such factors as family income, assets and liabilities, of how much parents and students were expected to commit to the expected cost. The difference between expected cost and family contribution could be funded by a number of financial aid programs, the major ones being the Wisconsin Higher Education Grant (WHEG), with a maximum of \$1700, and the federal Pell Grant, with a maximum of \$2200, for a total maximum in direct grants of about \$3900. Other programs available to fund remaining need included the federal Supplemental Educational Opportunity Grant (SEOG) program, the work-study program and loan programs.

At the committee meeting, the question was raised as to whether students at the doctoral institutions were disadvantaged in terms of financial aid by the higher tuition at those institutions. The answer was that for two students with identical family and financial circumstances with need greater than \$3900, the student attending a doctoral institution might have to take out a larger loan than the student attending a university cluster institution.

Adding that such tuition differentials also existed in other states, the president noted that UW-Madison tuition was more than \$300 below the mid point of the Big Ten, whereas tuition at the comprehensive institutions was below the mid point of their peers, but not as far below as was tuition at UW-Madison.

Regent Weinstein asked if the dollar difference between the doctoral institutions and the other institutions was greater with this tuition proposal than it had been the previous year. President Shaw replied in the affirmative.

Regent Fish noted that, if a student attending a doctoral institution were eligible for the maximum amount of WHEG and Pell grant aid, that figure would not be changed by the fact that the tuition difference between the doctoral and comprehensive institutions had increased, and the increase in remaining need would have to be met through loans.

Mr. Litscher added that campus-controlled aid such as SEOG grants and work study funds could be used to reduce the amount to be met through loans.

In response to a question by Regent Fish, Mr. Litscher indicated that those additional aids were provided to the institution on the basis of enrollment.

Regent Weinstein pointed out that, for 1988-89, tuition at the doctoral campuses for undergraduate resident enrollment would increase \$116, while the comparable increase at university cluster campuses would be \$58. The difference of \$62 would amount to \$248 in additional loan money over a four-year period.

In response to a question by Regent Davis, President Shaw indicated that there was an increase of 4.9 percent in WHEG grants administered by the Higher Educational Aids Board (HEAB). Other grants came from the federal government, and their amounts were determined at that level.

Mr. Litscher added that, for state grants, there were never enough dollars available to fund the total budget of the student. As a result, students were given an amount based upon their need factor. They could take those dollars to whatever institution they decided to attend.

At Regent Davis' request for student comments, James Smith, President of United Council, noted that the 40 percent of UW System students who attended UW-Madison and UW-Milwaukee were losing ground in terms of financial aid, as compared to students at other system institutions. While he understood the policy on tuition differentials as part of the Regent Strategic Plan for the Future, he thought there was agreement at that time for financial aid policy to be adjusted accordingly.

Another complication, he added, was that financial aid methodology had been changed so that WHEG and Pell grants no longer were adjusted to balance each other, and only students from very low income families were eligible to receive the maximum grants from both programs. He thought there might be a way of changing the methodology to have financial aid increases reflect percentages of tuition increases.

In response to a question by President Shaw, Mr. Litscher noted that the larger institutions had more SEOG and work study funds but also had more students among whom to distribute them. With respect to the WHEG program, the goal was to provide funds to as many students as possible who were in need. Relatively few received the maximum grant.

Regent Vattendahl asked why he should vote for a tuition increase that was larger, on a percentage basis, than the GPR revenue increase proposed in the budget.

President Shaw replied that the budget simply implemented earlier decisions by the Legislature and the Governor. If the 5.7 percent tuition increase were reduced to the 4 percent GPR increase, the difference would have to be made up by drastic budget reductions.

Regent Jarvis summarized the United Council position as asking that financial aid increases be adjusted to reflect differential tuition increases, with university cluster institutions at 80 percent and UW Centers tuition at 75 percent of doctoral cluster tuition.

President Schilling suggested that United Council request the Higher Education Aids Board to consider that matter, since the Board of Regents did not have authority over the WHEG program.

Regent Weinstein stated that he would support the resolution because the difference in tuition increases between the doctoral and university clusters was only about \$60. However, he did not intend to support a similar recommendation in the next budget, on the basis that there were changes which could be made in tuition allocation at the graduate level. For example, veterinary and medical school tuition increased less than 2 percent, while resident undergraduate tuition at UW-Madison increased 7.4 percent. He suggested that the impact of different models be assessed, including the impact of increasing nonresident graduate tuition to 100 percent of cost.

President Schilling asked that it be noted in the minutes of this meeting that the committee asked the previous day for an examination of those configurations so that assumptions could be reviewed and options considered in the biennial budget discussion. President Shaw added that specific tuition allocation decisions did not have to be made in conjunction with the biennial budget, since that request would include only an aggregate amount.

Regent Lyon commented that the 100 percent/80 percent/75 percent tuition differential should be reexamined in light of enrollment management experience and other changes, in order to determine if those figures should continue to be used in setting tuition levels.

Regent Weinstein requested that revenue-neutral computer models of tuition options be provided at an early date, so that there would be ample time to consider them in advance of the meeting.

Regent Nicholas asked if HEAB had the authority to address the suggestion of providing more financial aid to UW-Milwaukee and UW-Madison students.

Replying in the affirmative, Mr. Litscher added, however, that aid to VTAE students also was part of the WHEG appropriation and that the policy had been that aid should not be institution-specific.

Regent Nikolay commented that, in considering tuition levels, the Legislature should take into account a wider range of factors than relative tuition ranking, such as Wisconsin's high tax rates in several areas.

President Schilling thanked Mr. Litscher for his assistance in providing information on financial aids. He suggested that at a future meeting, Mr. Litscher might be invited to provide an overview of HEAB and the programs it administered.

Regent Nicholas requested that for future budgets, five- or ten-year summaries be provided of comparative statistics and percent increases.

Resolution 5004 was <u>adopted</u> on a roll call vote, with Regents Clusen, Davis, Fish, Gerrard, Grover, Hassett, Jarvis, Lyon, Nicholas, Schilling and Weinstein voting "Aye" (11) and Regents Doughty Luckhardt, Hanson, Nikolay and Vattendahl voting "No" (4).

Vice President Lyon advised the board that meetings of the committee of the whole and of the board were recorded. Those recordings were monitored so that questions and comments could be noted and addressed.

It was reported by Regent Lyon that the Business and Finance Committee met jointly with the Education Committee for the following two agenda items: <u>Www.Milwanhew-</u>)

Report on 1987-88 UW-Milwaukee Remedial Course Fee Experience; Request for One-Year Continuance, R 5005, Pp 16-17

In discussion by the committees of this report, concern was expressed as to whether extension for another year might result in a permanent policy

rief Romedial Education - (same)

for UW-Milwaukee; whether there was a difference between foundation and remedial courses; and whether President Shaw's report to the board in September would present adequate alternatives for these and other questions. The general conclusion was that the current policy was an imperfect response to an unfortunate situation. The committees then approved Resolution 5005, with Regent Weinstein voting "No" and Regent Grover abstaining.

Adoption by the board of the following resolution was moved by Regent Lyon and seconded by Regent Davis:

Resolution 5005: That, upon recommendation of the President of the University of Wisconsin System, UW-Milwaukee be authorized to assess a fee for pre-college English and Mathematics courses offered on a noncredit basis for 1988-89. The assessment of a fee for pre-college courses shall be reviewed in the UW System's study of remedial education.

Regent Weinstein stated for the record that his opposition to the resolution was based on his concern that the fee assessment had been approved as a one-year pilot project and now was being forwarded for continuation without sufficient information on the first year's experience. Because pilot projects were by definition temporary in nature, he felt there must be strong evidence for their continuation, and that such evidence was lacking in this case. His vote, therefore, had no relationship to minority or disadvantaged students, but was in opposition to what he considered to be an incorrect procedure.

Put to the vote. Resolution 5005 was adopted by the board, with Regent Weinstein voting "No," and Regent Grover abstaining.

Plan for Improved Access to Courses: UW System Add/Drop Policy; Per-Credit Tuition Study PP 17-18

Summarizing discussion by the committees of this plan, Chairman Lyon reported that questions were raised as to whether there was, in fact, a course "bottleneck"; the magnitude of any bottleneck; whether the proposed add/drop policy would alleviate it; whether a shorter drop period than add period might be mandated; and whether any fee policy should be on a cost recovery basis. Sandy Eschmann, representing United Council, appeared before the committees to oppose the proposed transaction fee, due to concern about its effects on minority/disadvantaged students and on first-generation students. The council also registered concern about any systemwide add/drop policy.

• xuy cursos ?

access-

With regard to the per-credit tuition study, it was the consensus of the committees that per-credit tuition should be opposed. However, it was suggested that alternatives to the present tuition structure be explored, including various credit plateaus that might be effective. Both items were to be returned to the agenda in September for another reading, with various options to be presented at that time.

After conclusion of the joint meeting, the Business and Finance Committee reconvened to consider the following agenda items.

Approval of Gifts, Grants and Government Contracts

Vice President Poellnitz reported to the committee that gifts, grants and contracts for the twelve-month period ending June 17, 1988, totaled \$340.2 million, or \$12.6 million less than the same period last year. A combination of an \$18.6 million decline in student financial aid, a \$9.5 million increase in research and a \$2.7 million increase in instruction caused the federal share to decrease \$6.6 million. The decrease resulted from a timing difference in financial aid reporting, which had been corrected by the establishment of a new systemwide policy on reporting aids. With corrections for timing taken into account, there would be no actual reduction in financial aids.

The non-federal share decreased by \$6.0 million, consisting of an \$11 million decrease in extension, partially offset by a \$4.5 million increase in research.

The following resolution, which was unanimously approved by the committee, was moved by Regent Lyon, seconded by Regent Vattendahl and adopted unanimously by the board:

Resolution 5006: 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.

Ulv-4.1 woukes

Appeal by UW-Milwaukee Union Policy Board for payments of legal feer R5007

Introducing this item, President Schilling noted that some months previously the board met in closed session to receive from counsel an update regarding litigation brought by the UW-Milwaukee Union Policy Board. No action was taken, but it was predicted that there might be an appeal. That appeal, which was now before the board, was an appeal on the record of President Shaw's decision denying a request by the Union Policy Board for approval of attorney fees. Each member of the Board of Regents received a copy of the record, which was distributed in the agenda materials.

Representatives of the UW-Milwaukee Student Association and Union Policy Board appeared before the Business and Finance Committee the previous day and presented arguments in support of their position on the appeal. Their position, along with Chancellor Smith's position, would be set forth in Vice President Lyon's report of the committee meeting. The board's decision at this meeting would conclude all internal university consideration of this matter. Following board action, the matter would be returned to circuit court for resolution of the attorney fees issue.

Vice President Lyon then read the summary minutes of the Business and Finance Committee meeting concerning this matter, noting that the intent was to state concisely the key points of the issue. Legal Counsel Hodulik had introduced the item by summarizing the appeal of the UW-Milwaukee Union Policy Board resulting from Chancellor Smith's and President Shaw's denial of its request to pay attorney expenses from student segregated fees in connection with the case of Kaye versus Board of Regents. The litigation principally concerned the question of whether the Union Policy Board was authorized to participate in certain personnel actions of the university. In June 1987, Judge Frankel ruled in favor of the Board of Regents, indicating that students did not have the right to participate in employment decisions. While this case was being tried, however, the Union Policy Board then raised the additional question of whether it would be entitled to use segregated fees to pay the resulting attorney expenses incurred in the lawsuit. A previous request for such payment had been denied by the dean of students and the chancellor. Judge Frankel ruled that there were three unacceptable reasons for denying payment of the legal fees, but he did not address what reasons for denying the payment would be appropriate.

The students then renewed their request for payment of these fees. In August 1987, the acting director of the Associated Union Services denied the request, on the grounds that the budget did not include this expenditure and that payment would conflict with the university's policy not to promote litigation against itself. The students then asked the judge to review this decision. Since the students had not exhausted their administrative remedies, the assistant attorney general opposed the motion. The parties then agreed that the students would pursue an appeal to the chancellor, and could further appeal to President Shaw, and then to the Board of Regents.

In appealing to President Shaw, the Union Policy Board added a question of whether approval would be given to retain legal counsel on an ongoing basis. The president referred the appeal back to Chancellor Smith, who denied the request. It then came to President Shaw, who supported Chancellor Smith's decision, based on current UW System policy and the belief that the amount of segregated fees would be better spent on other student activities. The students then appealed to the board.

At the previous day's meeting, three students spoke in support of the appeal: Victor Beecher, President of the UW-Milwaukee Student Association;

John Riemer, Vice President of the Union Policy Board; and Don Parker of United Council. The speakers made the following points:

- 1. They felt there was a need to provide for payment of attorney fees from segregated student fee funds, to provide a stable source of support when student interests under s. 36.09(5), Wisconsin Statutes, were legally challenged.
- 2. They interpreted Section 36.09(5), Stats., to limit the chancellor's authority to administer institutional funds by giving students authority to dispose of those funds as they might see fit. Thus, if students determined a need to obtain attorney fees, the chancellor would be required to authorize the expenditure.
- 3. They argued that the use of segregated student fees for attorney fees would not divert funds from other student activities because segregated fees could be increased to cover any additional costs.
- 4. They did not interpret UW System Financial Policy and Procedures Paper No. 20 (FPPP #20) as foreclosing payment of attorney fees.

Chancellor Smith spoke in support of the UW-Milwaukee administration's decision. He referred to his letter of January 21, 1988, stating his position. He also emphasized his responsibility for the administration of all funds as being more than a mere fiduciary responsibility. It required him to make judgments about the propriety of expenditures and to balance competing interests of student groups seeking segregated fee funding.

After considerable discussion, Resolution 5007 was approved by the committee, with Regent Schilling voting "No."

Regent Lyon moved and Regent Fish seconded adoption by the board of Resolution 5007.

Resolution 5007: That the actions of Chancellor Smith and President Shaw denying the UW-Milwaukee Union Policy Board's requests for payment of attorney fees from student segregated fee funds be sustained, and the appeal of the UW-Milwaukee Union Policy Board be dismissed.

To ensure completeness of the record, President Schilling asked if the UW-Milwaukee student groups had any additional arguments, not included in Vice President Lyon's summary, that they wished to make regarding their appeal. Following that, he would ask President Shaw, whose decision was being reviewed, if he had anything to add.

Mr. Riemer expressed concern about what he felt might have been lack of understanding on the part of the committee members regarding the appeal. Since the appeal involved denial of inserting into the union budget \$12,500 for the retention of legal services, he also was concerned that previous passage of the budget by the board with that request not included had, in fact, already decided the question of the appeal.

With regard to the Union Policy Board's contention that s. 36.09(5), Wis. Statutes, limited the chancellor's authority to administer institutional funds by giving students authority to dispose of those funds as they might see fit, he asserted that the word "administer" did not mean the chancellor had authority to deny a student decision to expend funds unless a rule was being broken, which they did not believe to be the case. If FPPP #20 could be interpreted to prohibit spending monies for legal fees, it was their view that the rule then was contrary to s. 36.09(5). The Union Policy Board was questioning interpretation of the law and asking for judicial review.

Regent President Schilling then asked President Shaw whether he, as the other party to this appeal, had comments that he wished to add to the record.

President Shaw commented that both legal and policy aspects were involved in this matter. It was his view that permitting segregated fees to be used for legal fee expenses was contrary to FPPP #20 and that Chancellor Smith interpreted the policy correctly.

President Schilling called on Attorney Hodulik, as the board's counsel, for any comments on the matter.

Attorney Hodulik noted that the UW System had interpreted sec. 36.09 of the statutes as a system of shared governance, with the board, the chancellors and the students all having certain responsibilities. The students' responsibilities concerning segregated fees had consistently been interpreted as being subject to the chancellor's primary responsibility for administration of all funds from whatever source. FPPP #20 indicated that legal expenses would be an inappropriate segregated fee expenditure, and that policy had been in effect for some time.

Regarding Mr. Riemer's comment about whether there was lack of understanding of the issue, President Schilling stated that the matter of controversy indeed was clear. He had not been satisfied at the committee meeting that the manner of proceeding was clear.

Regent Fish indicated lack of comfort with a procedure which required hearing the same testimony three times--before a committee, as reported in the minutes, and then again before the full board.

President Schilling said he shared that concern.

Regent Fish stated that he was fully knowledgeable of the issue involved in the appeal and had read the entire record provided to the regents. It was not correct, he added, to state that the matter had been prejudged by adopting the budget. If the board granted the appeal, money would be taken from another account to pay the legal fees.

Regent Jarvis asked if counsel agreed or disagreed with the students' contention that segregated fees were student resources, subject to allocation decisions of students and not of administration.

Replying that students had an important role to play in the allocation of those resources, Ms. Hodulik noted that they had input into each institution's budget development process and participated in segregated fee committees. The chancellor and the board, she added, had responsibilities paramount to those of students, with the chancellor having primary responsibility to the board for the administration of funds.

Regent Weinstein observed that in our society it was generally accepted that everyone is entitled to counsel. While chancellors could spend money for counsel, FPPP #20 was interpreted to prohibit students from doing so. Without regard to the merits of this case, he was concerned that students were disenfranchised by the policy.

President Schilling cautioned that response to that question must be kept in the confines of the review on the record of this appeal.

President Shaw replied that the policy in question was an administrative policy, not a regent policy; and that it was reviewed a year ago with significant input from the various groups affected by that policy, at which time a number of revisions were made.

With regard to the appeal before the board, he was persuaded that the policy dealt with the issue unambiguously and that the chancellor had made the correct interpretation of that policy and the correct decision. The chancellor was responsible for making sure that the budget was balanced and that funds were appropriately used. In this case, the judgment was that the funds would be inappropriately used for legal fees and that to do so would be contrary to FPPP #20. Based on those two factors, President Shaw supported the chancellor's decision.

Put to the vote, Resolution 5007 was <u>adopted</u> by the board, with Regent Weinstein voting "No."

This specific case in controversy having been decided, President Schilling suggested that Regent Weinstein's question might merit policy discussion at a future meeting. Regent Weinstein asked that the matter be referred to a regent committee for review.

Vice President Lyon stated that he had made the judgment to place the appeal on the agenda of the Business and Finance Committee because matters dealing with segregated fees previously had been forwarded to the Business and Finance Committee. While the appeal involved a legal issue, it also involved a policy interpretation which he considered appropriate to place before that committee.

President Schilling added that he did not view it as incorrect to bring the matter before the Business and Finance Committee. Completion with Manuale lectors (or Minusle Sector, Competitie ?)

Update on Sale of Hearing Aids and Computers by UW System Institutions

Continuing the report of the Business and Finance Committee, Regent Lyon noted that the committee received updates on sale of computers and hearing aids by UW System institutions.

At the board meeting, Regent Weinstein asked that these reports be shared with the Task Force on Competition with the Private Sector.

Report of the Vice President for Business and Finance

Current Reserves

The committee was advised that the cash position remained stable at \$1.2 million.

->Internal Audit Report and update on;

Director of Internal Audit William Brunkow presented the quarterly internal audit report, which showed substantially increased activity in the past year. Included was a cash handling audit at UW-Green Bay and a student center audit at UW-Stout. A review of implementation and compliance with Unclassified Personnel Guideline #10 concerning the recognition and recording of sick leave resulted in inconsistencies for academic year appointments, while annual appointment data appeared to be within the guidelines of the policy. The chancellors had been notified to resolve discrepancies in the sick leave reporting area.



Associate Vice President Marnocha reported on the recently issued Legislative Audit Bureau audit of the Nursing Loan Program and other health professional financial aid programs at UW-Madison. The report contained five findings and recommendations, two of which the university was to review further: one dealing with the payment of lost interest of \$23,000 to the Nursing Loan Program; the other concerning excess cash in two of the programs, which should be returned to the federal government. The three other recommendations were being implemented by the institution.

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Closed Session

The committee unanimously voted to recess into closed session to consider salary matters, as permitted by s.19.85(1)(c), Wis. Stats.

REPORT OF THE EDUCATION COMMITTEE

Chairman Grover presented the committee's report.

(The Joint Education Committee and Business and Finance Committee report on the UW-Milwaukee remedial course fee request and the plan for improved access to courses were included in the Business and Finance Committee's report. See pages 16-18.) Dischertree

Policy on Nondiscrimination on Basis of Disability, R 5008, PP 24-254 EX A Adoption by the board of the following resolution, which was unanimously approved by the committee, was moved by Regent Grover and

seconded by Regent Davis:

seconded by Regent Davis: My Regent Policy - (same) That, upon recommendation of the President of the University of Wisconsin System, the Board of Regents adopts the Policy on Nondiscrimination on Basis of Disability, and accepts the Guidelines for Policy Implementation.

Regent Davis asked if the policy and commitments outlined in the guidelines extended beyond the legal requirements of Sec. 504 of the Federal Rehabilitation Act.

Attorney Hodulik replied that the guidelines met the requirements of Sec. 504, but that section did not set forth all that must be done to implement the basic requirement of providing access for disabled students. While some items in the guidelines might not be expressly mandated under Sec. 504, she considered them consistent with the law.

Noting that the concept of Sec. 504 was that of reasonable accommodation, Regent Davis observed that the guidelines in many instances set forth definitively what was to be done, not that there would be reasonable accommodation to take those actions. The concern raised in the committee meeting was whether the guidelines went beyond the concept of reasonable accommodation and could be used in a lawsuit to contend that the board intended to go beyond that concept.

Attorney Hodulik interpreted the guidelines as an attempt to set forth what would be considered reasonable accommodations and not to indicate a willingness to go beyond that concept.

Regent Weinstein moved that the resolution be amended to add the following sentence: "It is not the intent of this resolution to obligate the Board of Regents beyond the requirements of Sec. 504." The motion was seconded by Regent Nikolay.

In response to a question by Regent Davis, Attorney Hodulik indicated that the proposed amendment would be adequate to indicate the board's intent with respect to this policy.

Regent Clusen expressed discomfort with stating that the UW System would do no more than was required by law, particularly since the board's Study of the Future had stated its commitment to students with disabilities. While he agreed with Regent Clusen as to the board's commitment, Regent Davis said his only concern was in approving a document that would force the UW System to do more than it reasonably could do.

Regent Weinstein explained that the purpose of his amendment was simply to indicate that, while the board was not obligated to go beyond the requirements of Sec. 504, the board was not foreclosed from going beyond them, if that would be desirable and possible in terms of cost. The concern was that the policy and guidelines should not promise something that could not be afforded.

Regent Clusen considered the amendment a negative statement which did not encourage going beyond what was legally required.

President Schilling commented that there was a danger that, in its good intentions, the board could hold itself to a standard higher than the federal law. While the regents might wish to do everything possible to accommodate those with disabilities, there clearly were great expenses involved, the magnitude of which were unknown.

Regent Hassett did not think the amendment was needed, and he agreed with Regent Clusen that it implied the intent to do no more than the minimum.

The <u>amendment</u> was <u>adopted</u> by the board on a roll call vote, with Regents Davis, Doughty Luckhardt, Gerrard, Grover, Jarvis, Lyon, Nikolay, Schilling, Vattendahl and Weinstein voting "Aye" (10) and Regents Clusen, Fish, Hanson, Hassett, and Nicholas voting "No" (5).

The resolution as amended then was unanimously adopted as follows:

Resolution 5008: That, upon recommendation of the President of the University of Wisconsin System, the Board of Regents adopts the Policy on Nondiscrimination on Basis of Disability, and accepts the Guidelines for Policy Implementation.

> It is not the intent of this policy to obligate the Board of Regents beyond the requirements of Section 504 of the Rehabilitation Act of 1973 as amended.

(The policy and guidelines are attached as Exhibit A.) W-River Feally -)

Report on North Central Association Accreditation, UW-River Falls p. 25

Regent Grover reported that the Education Committee received a positive report on the recent North Central Association ten-year reaccreditation of UW-River Falls.

The Committee unanimously approved continuation of two programs on the basis of positive five-year reviews.

Board of Regents Meeting Minutes 7/8/88 VW-Oshhar >>

Five-Year Review: B.A./B.S., Study of Religion, UW-Oshkosh R 5009, 10.26

Resolution 5009 was moved by Regent Grover, seconded by Regent Davis and adopted unanimously by the board.

Resolution 5009: That, upon the recommendation of the Chancellor of the University of Wisconsin-Oshkosh and the President of the University of Wisconsin System, the B.A./B.S. in the Study of Religion be continued, with the understanding that it will be included within that institution's normal program evaluation process.

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Five-Year Review: M.S., Preventive Medicine, UW Madison & Solo, p. 26

Regent Grover moved and Regent Hassett seconded the following resolution, which was adopted unanimously by the board:

Resolution 5010: That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the M.S. in Preventive Medicine-Administrative Medicine be continued, with the understanding that it will be included within that institution's normal program evaluation process.

administrative Code

Revision of UWS 17, Academic Misconduct, R 5011, pp 26-27

Reporting on committee consideration of proposed revisions to the administrative rules governing student academic misconduct, Regent Grover noted that, at the June meeting, United Council had expressed strong objection to the lack of any appeal provisions in Section 14.05, and to the presiding officer alone being able to constitute a quorum as provided in Section 14.14(a). The committee then had passed a motion to table the matter until the July meeting, at which time options would be presented.

In discussion at the July 7 meeting, the committee preferred the language in Alternative #3 of the agenda material, which provided appeals from s. 14.05(1)(c). In addition, the committee decided that sanctions under s. 14.05(1)(a) or (b) also should be appealable with the understanding that a written record would be created. The committee decided to make no change in the language of s. 14.14. With the indicated changes in s. 14.05, the committee unanimously approved Resolution 5011.

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

Resolution 5011:

That the Secretary of the Board of Regents be directed to file a notice of hearing with the Revisor of Statutes for inclusion in the Wisconsin Administrative Register, the purpose of the hearing being to consider the repeal, amendment, and recreation, pursuant to sec. 36.35, Wis. Stats., of rules in Chapters UWS 14 and 17, Wisconsin Administrative Code, relating to student academic disciplinary procedures of the University of Wisconsin System, said hearing to be held in Room 1820 Van Hise Hall, 1220 Linden Drive, in the City of Madison, Wisconsin, on the eighth day of September, 1988, at 10:30 a.m.; and further, that the Secretary of the Board be directed to submit the proposed rules to the Legislative Council for review and comment pursuant to sec. 227.15, Wis. Stats., in advance of the hearing.

Report on UWS/VTAE Credit and Noncredit Programming, pp 27-32

The committee had deferred this report for presentation at the board meeting.

President Shaw made the following statement concerning credit programming: "I want to report on the progress of the discussions that I have had with Director Sorensen pertaining to the question of UWS/VTAE cooperation in the credit area. There are a number of resolved and unresolved areas, and I am not ready to give to you a final set of recommendations. I want to provide a progress report which gives you a chance to advise me, either today or at a later time. I do not intend to propose final recommendations until it is obvious that Dr. Sorensen and I have either reached agreement or we are unable to reach an agreement.

"There are three goals that I have in mind with regard to these discussions. First of all, we must do everything we can to minimize duplication. The state cannot afford costly duplication of services. Second, however, we must facilitate the transfer of VTAE students to the UW System where that is possible. It should be encouraged, and as best we can, we should create career ladders for students, not places where they cannot move any further. Third, we should try to help our students succeed in our environment and in their environment.

"With those as my goals, our discussions have moved along in some areas and not in others. Let me start by talking about the areas that have moved along. We have agreed that the UW System will continue its past practice of accepting for credit the college parallel course work completed at Madison, Milwaukee and Nicolet. Secondly, we will encourage our UW System institutions to develop articulation agreements with VTAE institutions. That is something that was formally recommended in the Future Study

Report. Thirdly, I have agreed, in principle, to the following: When a VTAE student seeks to transfer to a four-year institution and has received an associate of arts degree in an occupational area, we would review the credits in that occupational program on a course-by-course basis, toward whatever major the student is applying for at one of our institutions. This would mean that we would be treating those credits the same way we treat any other credits that come to us for a major, and faculty of a given campus would not be enjoined to accept those credits.

"The proposal may be of some controversy. It is certainly a new idea in Wisconsin. It is done in other states where there are occupational programs and there are associate degrees granted. The locus of decision-making does not change if we were to do this. It is made by the campus faculty in a given major. It simply means they must review credits, and if they fit, then we ought not to distinguish where the students got their credits.

"In addition, we have agreed to include VTAE in our credit transfer matrix, so that students will know what transfers and what does not.

"Let me move to the area of disagreement. Quite frankly, I am not very optimistic that we are going to get this one resolved and I want to seek your counsel on it. The question is whether VTAE institutions should offer general education courses for transfer to the UW System for credit. When I talk about general education as opposed to occupational courses, I mean the courses a student takes in the liberal arts, in writing, in the social sciences, the physical sciences, in art and mathematics. These are the required general education experiences. These are courses that are offered for some degrees simply because they fit those degrees. The position that Dr. Sorensen takes is that we should evaluate those and, in effect, treat those credits as we do others. My position is--and I feel this very strongly--that this is an area where we must respect and maintain our separate and defined roles. If they were to offer for credit general education courses, we would in effect be belying the history and mission of VTAE; and we would be belying the history and mission of our two systems in the sense of how these institutions were put together.

"I come from a state that has a community college system, and it is interesting to note that in that system general education courses are offered for credit when students transfer. But, I would make this point. There is an historical difference here. In the State of Illinois, there are 52 community colleges, and they have a combined vo-tech mission. Their population is two-and-one-half times our population. In our state, we have 29 service areas, if you count our two-year centers and the VTAE centers. In effect, we created these centers to serve two kinds of needs. Had the state wanted to create a different kind of system, my guess is that it would have created far fewer centers, because we have many more centers than we would need if they were, in fact, community colleges. So, what I am saying is that we would be belying the history behind why the VTAE System developed as it did and why our Center System and universities developed as they did. I think it would cause serious duplication problems.

"I propose the following kinds of accommodations. I have said that, where we have institutions or centers within reasonable proximity--as you

know, that is almost everywhere—and the VTAE institutions feel they must offer a course in history because it fits a certain kind of format, we will offer it for them. They can come across the street and take it from us, or if there is sufficient student demand, we would offer it on their premises. In some cases, that is already occurring; in some cases, the VTAE directors have said 'we will not permit you to do that'; and in some cases our directors have moved courses, where there is a valid need, to a high school. But our feeling is that we ought to be able to be accommodating in that way. We will make special arrangements for distance, but I feel it would be a serious mistake if we were to say, in effect, 'teach all those courses,' forgetting the unique history and traditions that we have in the state.

"That is the unresolved issue. I come to you, then, to seek your advice and counsel on some things on which we have reached agreement, some that are still tentative, but also to seek your advice and counsel on the area of disagreement."

Regent Hanson commended President Shaw for standing firm on the matter of mission differentiation.

Regent Weinstein requested that the board be provided the statutory language which stated that the VTAE System shall not offer any college-parallel courses it did not offer in 1971 that have not been specifically approved by the Board of Regents. This language showed that the Legislature intended not to proliferate duplication of credit courses. In that regard, he was somewhat concerned about the possible concessions to which President Shaw had referred.

President Shaw felt there was need to accommodate the young person who finished an associate of arts degree in an area such as business but then was limited by lack of a bachelor's degree. While he was recommending that such credits be seriously considered, there would be no requirement that they be accepted.

In reply to a question by Regent Schilling, President Shaw indicated that there were currently instances in which such courses were not considered.

Regent Hassett noted that pressure to increase credit transfers was coming from the 16 local VTAE directors, not from the state board. Dr. Sorensen was caught between those directors, who wanted all courses to transfer, and the board which had not taken a position. He agreed with what President Shaw had done to date, but cautioned that the district directors were opposed and wanted more courses accepted at the university level.

Vice President Lyon made the following statement on noncredit programming: "This statement reflects the context of a draft report that is being considered by the UWS/VTAE Noncredit Task Force that was appointed some time ago. The draft report states rather directly that some of the expectations of that task force at the time of appointment are not being met.

- 29

"As a part of the Future Study resolutions, the UW System called for examination of the relations that exist between the VTAE and the UW System in the noncredit areas of agriculture, business, and home economics/family living.

"The Board of Regents, jointly with the VTAE Board, called for the review of noncredit programming in these three areas. They asked that a task force be named to examine common responsibilities and interests, and the task force also was requested to examine the manner that is best suited to foster cooperation and coordination between the two. President Shaw and Director Sorensen jointly appointed that task force in March 1987. VTAE President Paul Hassett and I were asked to serve as co-chairmen, and Regent Nikolay also served on the task force.

"The report of the task force is long overdue and is not yet completed. It is in draft form, being reviewed by the members; and a final version hopefully will be ready soon. Given the delay in the results of the work of the task force, I will try to provide you with a brief status report on its deliberations and findings. In addition, I want to share a few of my observations that resulted from this experience over the last 16 months of examining the relationships between these two systems in this area.

"The work of the task force began with a review of the missions. There are statutory missions assigned to each institution in those three program areas. The task force, by its charge, had been limited to a review only of noncredit instruction, a significant point in these three major program areas that are common to both of the systems. The task force reviewed the mission statements that are in the statutes for each of the systems. In addition, a series of hearings were conducted to solicit input. Faculty and staff from each of the systems presented overviews of program content, delivery, and perceptions of actual and potential duplication. Testimony was solicited about the effectiveness of the current structure used to assist in resolving intersystem programming disputes.

"Members of the task force determined that the language used in the statutory mission statements was written in such general terms that it appeared to permit most, if not all, of the current programming efforts being conducted in these noncredit areas. Further, it was clear that both systems have interpreted their missions very broadly. In testimony before the task force, faculty and staff reported that actual duplication of programming occurs throughout the systems. In addition, when there were concerns about duplicative programming, it became obvious that the existing structure for moderating disputes to determine which system should conduct specific programs was not working.

"The Joint Administrative Committee on Continuing Education (JACCE) was viewed as too limited and too weak in its current form, and really is only advisory. Substantive changes in the structure were obviously needed. In review of the JACCE structure, decision-making authority at the local level was also perceived to be needed.

"The task force identified two areas to examine in detail, with the goal of attempting to prepare some recommendations. They decided it was necessary to clarify the missions for the three disciplines and develop guidelines that could be used throughout the state for differentiating programming. Secondly, it was determined to revise the existing JACCE structure to provide a more powerful decision-making body when overlap and duplication of effort issues were raised between district VTAEs and area extension programming.

"The task force was divided into subcommittees that reflected the three areas. The members proceeded initially, in the spring of 1987, quite optimistically with the task of developing the criteria for defining the programming that can be done by each of the two systems. Recognizing at times the criteria would not always be adequate for separating the roles, the task force agreed up front that there continued to be a need for some form of inter-agency structure and strengthening of JACCE to resolve the disputes. In each of the three disciplines, the areas for potential or actual duplication were identified.

"Then, as the work of the task force progressed, it became clear that both systems interpreted their missions broadly; thus, the potential exists for both systems to offer similar programs for the same clientele. The agriculture and home economics subcommittees each identified those areas where differentiation currently exists. It is clear that the bulk of the programming would be guided by the policies and the practices of the past. In the case of business, it was even more difficult to differentiate. The business subcommittee was unable to identify any areas of mission differentiation based on content, clientele or delivery. In summary, the task force was not successful in achieving a clear differentiation of program responsibilities in the three disciplines under study. The task force was unable to reach agreement on criteria that could be used to differentiate programming. Instead, the task force is now considering a recommendation that we bring in an external consultant to further examine the issues and make recommendations that would provide delineation between the two.

"The task force is recommending substantial change in the current JACCE structure to make it a decision-making body. The regional JACCEs will be eliminated, and there will be local authorities with administrators as chairs to increase the authority and result in decision making.

"This experience has revealed the difficulty that faces the State VTAE System and about which Paul Hassett has spoken. As he clearly understands, the bottom line is that the state lacks control. Local interests exert tremendous influence on the nature and extent of programming that is done by the districts. It is clear that a long-term solution to the program duplication issue requires a clear and specific delineation of the responsibilities of each. What is not clear to me is whether or not the existing authorities can exercise the control needed to enable the systems to offer programs that reflect the separate missions."

Regent Hassett noted that Regent Lyon's report pointed out the problem in governance which existed both in credit and noncredit areas. While President Shaw could speak for the UW System and had the cooperation of the chancellors, Director Sorensen could not speak for the 16 districts. In this exercise, the task force heard from chancellors and others that, when issues arose, they went through established procedures but could not get a decision made by the VTAE side. This problem would not be resolved, he emphasized, unless the VTAE System were changed to give the state board more authority over the district directors.

As an example of the problem, Regent Lyon referred to instances in which the task force thought decisions had been made, only to find out that agreements could not be delivered.

Regent Nikolay commented that the VTAE System was abandoning its original statutory direction. As a co-sponsor of the bill which created the present system, he knew the Legislature did not intend those schools to be junior colleges. He had heard much complaint about duplication of effort in extension courses and VTAE courses offered in such fields as home economics and business.

Having served on the VTAE Board for two years as regent president, Regent Weinstein noted that the frustration resulted from inability to negotiate with a body that had no authority to negotiate. It also was not possible to negotiate with 16 districts, because they were not always in agreement. Stating that the state could not afford two systems of colleges, he commented that the time had come for the Legislature to help resolve the issue, since the State VTAE Board did not have authority to run that system. Until it had that authority, he felt further efforts at coordination would be fruitless.

Named Professorships: UW-Madison and UW-Milwaukee

Continuing the report of the Education Committee, Regent Grover moved adoption by the board of the following resolution approved by the committee in closed session. The motion was seconded by Regent Nikolay and carried unanimously.

"upsorehypes - Maned professors")

Resolution 5012: That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Carl F. Kaestle be changed from Professor, Departments of Educational Policy Studies and History, School of Education and College of Letters and Science, to Vilas Professor, Departments of Educational Policy Studies and History, School of Education and College of Letters and Science, University of Wisconsin-Madison, effective immediately;

> That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Robert F. Kingdon be changed from Professor, Department of History and the Institute for Research in the Humanities, College of Letters and Science, to Hilldale Professor, Department of History and the Institute for Research in the Humanities, College of Letters and Science, University of Wisconsin-Madison, effective immediately;

That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Emiko Ohnuki-Tierney be changed from Professor, Department of Anthropology, College of Letters and Science, to Vilas Professor, Department of Anthropology, College of Letters and Science, University of Wisconsin-Madison, effective immediately;

That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Mary Ellen Rudin be changed from Grace Chisholm Young Professor, Department of Mathematics, College of Letters and Science, to Hilldale Professor and Grace Chisholm Young Professor, Department of Mathematics, College of Letters and Science, University of Wisconsin-Madison, effective immediately;

That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Roland R. RueckerBbe changed from WARF Professor, Department of Biochemistry and Institute of Molecular Virology, College of Agricultural and Life Sciences R 5013 and Graduate School, to Hilldale Professor and WARF Professor, Department of Biochemistry and Institute PP 32-33 of Molecular Virology, College of Agricultural and Life Sciences and Graduate School, University of Wisconsin-Madison, effective immediately;

That, upon the recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, the status of Pradeep Rohatgi be changed from Professor, Department of Materials, College of Engineering and Applied Science, to Samuel C. Weaver Professorship, College of Engineering and Applied Science, University of Wisconsin-Milwaukee, effective immediately through June 30, 1991; and

That, upon the recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, the status of David S. Y. Tong be changed from Professor, Department of Physics, College of Letters and Science, to Distinguished Professor of Physics, R 5011, μ .33 College of Letters and Science, University of Wisconsin-Milwaukee, effective with the 1988-89 academic year.

Mamed Professors'

REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Chairman Nikolay presented the committee's report.

Approval of Fee Participation Recommendation for Physical Education Approval of Fee Participation Recommendation for Physical Education Department of the Participation Recommendation for Physical Education Approval of Fee Participation Recommendation for Physical Education Department of the Participation Recommendation for Physical Education Facilities, UW-Platteville and UW-Stevens Point, R 5013, Pp 34-37

The committee considered the fee participation recommendation for physical education facilities at UW-Platteville and UW-Stevens Point, which had been approved by the committee at the June meeting but was tabled for one month by the board. At the previous day's meeting, the committee unanimously approved a resolution identical to the one which had been tabled.

Adoption by the board of the resolution approved at the July 7 committee meeting was moved by Regent Nikolay and seconded by Regent

Clusen. W-Mattenels-Beldget fand (same) That, upon the recommendation of the UW-Platteville and UW-Stevens Point Chancellors and the President of the University of Wisconsin System, the Board Approves a pro rata of the enumerated \$2 million Program Revenue for construction of physical education facilities at UW-Platteville and UW-Stevens Point on the following basis:

(1) The \$2 million total Program Revenue contribution should be prorated to UW-Platteville and UW-Stevens Point on the basis of the portion each project contributes to the combined total cost of both projects. This results in a pro rata of 47% UW-Platteville, and 53% UW-Stevens Point.

	Total Project	Percent of	PR
<u>University</u>	Cost	Combined Total	Contribution
UW-Platteville	\$ 6,250,000	47%	\$ 940,000
UW-Stevens Pt.	\$ 7,000,000	53%	\$1,060,000
	\$13,250,000	100%	\$2,000,000

(2) Each Chancellor should determine how to fund the proportional contribution, subject to approval of the Board of Regents, prior to construction.

This need to provide a Program Revenue contribution is in accordance with Session Law language provided in 1987 Wisconsin Act 87, the 1987-89 Budget Bill.

Regent Fish objected to consideration of a resolution identical to the one which was tabled.

For procedural purposes, Regent Nikolay moved that the resolution placed on the table the previous month be removed from the table and taken up at this time. The motion was seconded by Regent Nicholas and carried on a voice vote.

Regent Hanson stated that she would vote against the resolution based on her objection to the Legislature having mandated use of segregated fees for this purpose and her concern about the precedent being set for future building projects.

Regent Fish noted that he had expressed the same concerns at previous meetings. Although he favored the two buildings, he could not support the manner of funding and therefore intended to vote against the resolution.

While he agreed with Regents Hanson and Fish, Regent Nikolay stated that he would vote for the resolution because the legislative decision had been made and could not be changed.

Noting that students at the two universities had made comments on the projects, Regent Davis asked if United Council had taken a position on the conceptual issue.

United Council President Smith replied that the group objected to this type of policy in general. However, in this case the decision had been made and it was clear that the students wanted these facilities. In the process that was followed, the students were asked and agreed to use of segregated fees. It would be a different circumstance, he added, if the administration or Board of Regents decided to use segregated fees without first seeking the student view.

Regent Jarvis stated that he would vote for the resolution, although he was opposed to using segregated fees for these types of projects. While the students had agreed to the use of segregated fees, they had been told that they could have the facilities only if they would pay part of the cost. Because these were to be instructional buildings, it was his view that the state should pay for them.

Noting that several months ago a resolution on use of outside funds for capital projects had been adopted, President Schilling raised the question of whether an additional policy might be helpful in dealing with future cases of this sort.

Regent Fish commented that there was a significant difference between a contribution made for a structure and an assessment against students. On the one hand, people who desired to be generous toward the university should not be precluded from contributing; but on the other hand, students could not be allowed constantly to increase their own fees and those of future students.

Regent Hanson recalled that it was the students from UW-Stevens Point who volunteered to be assessed \$2 million, which would put other students in debt during the years to come. The Legislature then decided that the students at UW-Platteville also should help pay for their building.

President Schilling added that the Board of Regents voted to advance the UW-Stevens Point project to the Building Commission without the segregated fee component. The project came back with fees mandated, not only for UW-Stevens Point, but also for UW-Platteville. While he also opposed the idea of using segregated fees for such projects, Regent Nicholas felt there was not much choice in this case, since the decision had been made. The consequences of not passing the resolution could be serious and he therefore intended to vote in favor of it.

In response to a question by Regent Davis, Regent Fish explained that, if the resolution were defeated, the way to revive the projects would be to resubmit them in the next biennial capital budget request. The facilities would be placed in the capital project priority list and would require approval by the Building Commission, the Governor, and the Legislature. While there was a risk of negative reaction for not going forward with the approved funding structure, he was more concerned that the precedent set by these two projects would encourage use of fee funding for future building requests.

Regent Clusen observed that regent policy would have no authority over what the Building Commission or the Legislature might decide to do.

Regent Nicholas asked if the Building Commission and Legislature knew the board's position on using segregated fees for this type of facility.

President Schilling replied that they were made aware of the board's position concerning the UW-Stevens Point and UW-Platteville requests.

President Shaw observed that the issue involved both practical and philosophical concerns. Noting that there had been other instances when student fees were used for buildings, he did not think that, by approving this resolution, the board would be moving inexorably toward using student fees in the future. The practical consequence of not approving it was that these projects might not be funded in the next biennium or even the following biennium.

Vice President Lyon pointed out that Resolution 3978, adopted by the board in February 1988, stated as follows: "To reflect the consensus of the Board of Regents relating to the use of outside funds that require GPR contribution in capital projects and in setting project priorities: (1) Such projects should not be initiated without an opportunity being provided for the regents to determine the appropriateness of the proposed funds to System needs. (2) The need for a project should be evidenced by its inclusion in long-range campus plans that reflect overall needs. (3) Students should not be requested nor allowed to commit money via segregated fees for use in academic capital budget expenditures."

Brenda Leahy, President of the UW-Stevens Point Student Association, said that students had been waiting for a new building for 18 years. Students two years ago agreed to help pay for it, as did students now being enrolled. On that basis, she urged approval of the project.

The resolution taken from the table was <u>adopted</u> on a roll-call vote, with Regents Clusen, Doughty Luckhardt, Gerrard, Hassett, Jarvis, Nicholas, Nikolay, Schilling and Weinstein voting "Aye" (9) and Regents Davis, Fish, Hanson, Lyon and Vattendahl voting "No" (5). Resolution 5013:

That, upon the recommendation of the UW-Platteville and UW-Stevens Point Chancellors and the President of the University of Wisconsin System, the Board approves a pro rata of the enumerated \$2 million Program Revenue for construction of physical education facilities at UW-Platteville and UW-Stevens Point on the following basis:

 The \$2 million total Program Revenue contribution should be prorated to UW-Platteville and UW-Stevens Point on the basis of the portion each project contributes to the combined total cost of both projects. This results in a pro rata of 47% UW-Platteville, and 53% UW-Stevens Point.

<u>University</u>	Total Project <u>Cost</u>	Percent of Combined Total	PR <u>Contribution</u>	
UW-Platteville	\$ 6,250,000	47%	\$ 940,000	
UW-Stevens Pt.	\$ 7,000,000	<u>53%</u>	\$1,060,000	
	\$13,250,000	100%	\$2,000,000	

(2) Each Chancellor should determine how to fund the proportional contribution, subject to approval of the Board of Regents, prior to construction.

This need to provide a Program Revenue contribution is in accordance with Session Law language provided in 1987 Wisconsin Act 87, the 1987-89 Budget Bill.

Continuing the report of the Physical Planning and Development Committee, Chairman Nikolay presented concept and budget reports for two major projects, both of which had been unanimously approved by the committee and were within the scope and budget approved by the Board of Regents in the capital budget for 1987-89.

UW-Oshkosh: Approval of Concept and Budget Report for Major Project

of the interior of the facility, which housed the Department of Mathematics p.37 and the Child Care Center.

Resolution 5014 was unanimously adopted by the board, upon motion by Regent Nikolay, and seconded by Regent Doughty Luckhardt.

Resolution 5014: That, upon the recommendation of the UW-Oshkosh Chancellor and the President of the University of Wisconsin System, the Design Report be approved and authority granted to bid and construct the 1987-89 Swart Hall Remodeling project for an estimated total project cost of \$3,395,000 of General Fund Supported Borrowing. Board of Regents Meeting Minutes 7/8/88 pproval fr

UW-Platteville: Approval of Concept and Budget Report for Major Project

The following resolution, which was unanimously approved by the committee, was moved by Regent Nikolay, seconded by Regent Gerrard and adopted unanimously by the board:

That, upon the recommendation of the UW-Platteville Resolution 5015: Chancellor and the President of the University of Wisconsin System, the Concept and Budget Report be approved and authority granted to prepare final plans and specifications, bid, and construct the 1987-89 Williams Center Physical Education Addition project, R 5015, for an estimated total project cost of \$6,092,000, as P. 38 follows:

- a) 1987-89 General Fund Supported Borrowing:
- b) Program Revenue Supported Borrowing: 940,000 Total: \$6,092,000

Bedget Land - Epproval of

UW-Medison: Wielsen Tennis Stadium Roof Replacement and Envelope Repair, 5016, p.3

Upon motion by Regent Nikolay, seconded by Regent Gerrard, the following resolution, which was unanimously approved by the committee, was adopted

unanimously by the board: X of Mielsen Lennie Staduin - (sand) Resolution 5016: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to plan, bid and construct a 1987-89 Nielsen Tennis Stadium Roof Replacement project, at an estimated total project cost of \$988,000 (\$662,000 General Fund Supported Borrowing - Maintenance Program Funds, and \$326,000 Program Revenue).

Bedget Low - Epperoval of

UN-Madison Van Hise Hall Elevators Modifications, R 5017, P. 38

Resolution 5017, which was unanimously approved by the committee, was moved by Regent Nikolay, seconded by Regent Gerrard and unanimously adopted

by the board. <u>Wan that that</u> - (<u>smae</u>) Resolution 5017: That, upon the recommendation of the UW-Madison Characellar and the President of the University of Chancellor and the President of the University of Wisconsin System, authority be granted to plan, bid and construct a 1987-89 Van Hise Hall Elevator Modifications project, on the campus at UW-Madison, for an estimated total project cost of \$290,000 of 1987-89 General Fund Supported Borrowing - Health, Safety and Environment Program Funds.

\$5,152,000

Board of Regents Meeting Minutes 7/8/88 UW-Milwaukee: Golda Meir Library Carpet Replacement R 5018, P.39

The committee unanimously approved a request for replacement of approximately 11,000 square feet of deteriorated carpeting in the Golda Meir Library at UW-Milwaukee.

It was moved by Regent Nikolay, seconded by Regents Clusen and Gerrard, and unanimously carried that the following resolution be adopted by the board:

Resolution 5018: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, authority be granted to plan, bid, and construct a 1987-89 Golda Meir Library Carpet Replacement project, on the campus at UW-Milwaukee, for an estimated total project cost of \$297,000 of 1987-89 General Fund Supported Borrowing - Maintenance

Bard - approved

UW-Stouts Harvey Hall Ventilation and Remodeling Project, R 5019, P.39

Reporting unanimous committee approval of the following resolution, Regent Nikolay moved its adoption by the board. The motion was seconded by Regent Gerrard and carried unanimously.

Resolution 5019: That, upon the recommendation of the UW-Stout Chancellor and the President of the University of Wisconsin System, authority be granted to plan, bid, and construct a 1987-89 Harvey Hall Ventilation Modifications and Remodeling project, on the campus at UW-Stout, for an estimated total project cost of \$313,400. as follows:

a)	Minor Project funds: \$	239,150
b)	General Fund Supported Borrowing - Health,	
	Safety, and Environment Program funds:	49,750
c)	General Fund Supported Borrowing -	
	Maintenance Program funds:	9,800
đ)	General Fund Supported Borrowing -	
	Energy Conservation Program funds:	14,700
	Total:	\$313,400

UW-Madison: Approval to Conduct Study of Athletic Facilities, R 5020, PP 39-4/

The committee considered a request to contract with a consultant to conduct a study of athletic facilities at UW-Madison, at an estimated cost of \$100,000, to be funded from state building trust funds. The mandate to conduct this study was set forth in 1987 Wisconsin Act 399, which also required a report to be submitted to the Legislature by February 15, 1989. The committee discussed this request with Athletic Director Ade Sponberg,

Xrep Athletics - (sun)

Bldge & Lance

Vice Chancellor Len VanEss and Planning and Construction Director Laszlo Fulop, who responded to several questions which were raised. At the conclusion of discussion, Resolution 5020 was approved on a vote of 3 Ayes, 1 Nay.

It was moved by Regent Clusen and seconded by Regent Nicholas that the following resolution be adopted by the board:

Resolution 5020: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, approval be granted to conduct a study of UW-Madison athletic facilities, as required by 1987 Wisconsin Act 399, at a cost not to exceed \$100,000 of State Building Trust Funds.

In response to a question by Regent Weinstein, Regent Nikolay said the \$100,000 would be used to hire an outside consultant, which he considered unnecessary.

Regent Nicholas thought an objective, outside view would be helpful. He asked what was meant by the sentence in the project description which stated: "The survey will examine the status of all the athletic programs."

Regent Clusen explained that the study would involve more than a simple review of facilities. It was meant to include about 27 athletic programs and how they were functioning economically. It was a more sophisticated analysis of programs, facilities and needs than had been done previously, and the committee agreed that it would be useful to have the study done by an outside consultant who could look at the matter in an unbiased fashion.

In reply to a question by Regent Schilling, Vice President Brown explained that the legislation called for the Building Commission to provide the survey, and therefore the consultant would be under contract to the Department of Administration.

Stating his support for the study, Regent Gerrard noted that the athletic program had financial problems resulting from lack of enough revenue to pay for all sports. He felt the board would have to become involved in providing funds for the athletic program.

While he intended to vote for the resolution, Regent Fish cautioned that the relationship with the Athletic Board on this issue should be reviewed. In that regard, he noted that the scope of the consultant's work was to include the following: "analyze the survey results and study individual facilities and program relationships, and identify and apply appropriate athletic guidelines at the proper peer competition levels." The resolution itself referred only to facilities.

President Schilling inquired as to whether the study was to be a facilities study or a facilities/program study. If the study went beyond the question of facilities, he pointed out, it could affect the role of the institution and Athletic Board, as well as the role of the Board of Regents, in terms of educational programs.

Replying that the proposed study was intended to be facilities-oriented, Vice Chancellor VanEss noted that the legislation stated as follows: "The Building Commission shall provide for a survey of the athletic facilities on the University of Wisconsin-Madison campus which shall be completed no later than February 15, 1989." The sentence in the UW-Madison request narrative which stated that "the survey will examine the status of all athletic programs," he explained, should be read in the context of the sentence that followed, which stated that "operations and schedules for each team will be studied and examination of existing training and competition facilities will be undertaken." That was what was meant by "status" of the programs. For example, the consultant would be expected to judge whether facilities were comparable to other Big Ten institutions.

President Schilling noted for the record that the Board of Regents might not be supportive if the study strayed from a facility orientation.

Regent Weinstein asked if the \$100,000 could be saved by simply approving a new basketball arena.

While there seemed to be a great deal of interest in such a facility, President Shaw noted that there were questions as to whether or not the existing facility should be modernized or whether it should be razed and a new facility built. He thought architectural help was needed to study the costs and consequences of the various options.

Resolution 5020 was then <u>adopted</u> by the board, with Regents Hanson and Nikolay voting "No."

UW-Whitewater Approval of Land Acquisition R 502, pp 41-42

Regent Nikolay reported on consideration by the committee of a .41 acre parcel of land located at 216 Case Street. This parcel was within the approved campus boundary and the option was at the average of the two appraisals. Because the building was vacant, no relocation costs were involved. The committee approved Resolution 5021, with Regent Nikolay voting "No."

Adoption by the board of Resolution 5021 was moved by Regent Nikolay and seconded by Regent Nicholas.

Resolution 5021: That, upon the recommendation of the UW-Whitewater Chancellor and the President of the University of Wisconsin System, authority be granted to purchase a .41 acre parcel of improved land located at 216 N. Case Street, in the City of Whitewater. The estimated cost of \$48,000, including appraisal and closing costs (no relocation required), will be from 1987-89 General Fund Supported Borrowing - Advance Land Acquisition funds.

Regent Nikolay explained that he had voted against the resolution because he felt the board was being pressured to purchase the property by the owner's action in asking the city council for a variance so that he

could add to the building and continue renting to students. He now felt, however, that it probably would be worth the cost to put the parcel in the university's hands rather than having it continue to be used as rental property.

Put to the vote, Resolution 5021 was adopted unanimously by the board.

Approval of Minor Projects

Resolution 5022, which was unanimously approved by the committee, was moved by Regent Nikolay, seconded by Regent Doughty Luckhardt and adopted unanimously by the board.

Resolution 5022: That, upon the recommendation of the UW-Green Bay, Madison, Milwaukee and Parkside Chancellors and the President of the University of Wisconsin System, the following minor projects be approved and authority granted to plan, bid and construct, at the costs and from the funding sources indicated, summarized as follow:

> Minor Project Allocation \$ 356,000 **Program Revenues** 240,000 Health, Safety and Environment Allocation 207,400 \$ 803,400

UW-Green Bay-Blaget Land - Repersonal of

-- Two Buildings (Laboratory Science/Communication Sciences) Remodeling project, \$234,000 Minor R 5022, p. 42 Project Allocation

UW-Madicon Bldget Land - approvalof

Elizabeth Waters Residence Hall Dining Room Addition and Remodeling project, #240,000, Program R 5012, P.4:

X ref Housing - (Same) UW-Milwaukee-Blogy & Long - approval of

JEMS Building Elevator Modifications, \$207,400, R 5022, P.41 Health, Safety and Environment Allocation

UW-Parkside - Bldg. + Kand - Spepinolch

Computer Center Remodeling project, \$42,000, Minor Project Allocation

Sound -> Wyllie Library-Learning Center/Molinaro Hall Remodeling, \$80,000 Minor Project Allocations & Sour



p. 42

UW-Madison: Request for Lease of Medical Office Space

Because details were incomplete, action on a lease for UW-Madison medical office space was deferred.

Authorization for Study of Design Concepts, R 5023, p.43

Regent Nikolay reported that the committee received a status report on the activities of the UW Civic Center Task Force and the Recommendation Implementation Committee. This topic was the subject of a letter sent to all regents by President Shaw on June 29, 1988, that described the history of this joint endeavor by UW System Administration, UW-Milwaukee and UW-Extension. Chancellors Boyle and Smith were present at the meeting and discussed the project in depth. Following the presentation, the committee concurred with the staff recommendation that a contract be initiated with an architectural firm through the Department of Administration and unanimously approved Resolution 5023. $M = \frac{VW - Extension - Bldget Lod - (Sane)}{It was moved by Regent Nikolay, seconded by Regent Clusen and$

unanimously carried that the following resolution be adopted by the board.

Resolution 5023:

That, upon the recommendation of the UW-Milwaukee and UW Extension Chancellors and the President of the University of Wisconsin System, authorization be granted to expend \$35,000 as the System's contribution toward an estimated \$80,000 contract between the Department of Administration and an architectural firm. The architectural firm would be responsible for developing design concepts for a conference and training center which could be constructed on the site of the present UW Civic Center Campus in downtown Milwaukee. (The City of Milwaukee share of the contract cost is to be \$35,000 and the Milwaukee Area Technical College share of the contract cost is to be \$10,000.)

Business School -) Report of the Vice President

The committee received several information reports which required no action by the board. These related to bid openings, actions of the State Building Commission at its June 15 and June 28 meetings, and the annual report on city and county budget support to the UW Centers. Vice President Brown also reported that the UW-Madison School of Business had received the required \$4 million in gift funds, so that planning for the facility could begin. Request for the release of \$550,000 of planning funds was to be for fulling to to considered at the August 2, 1988, meeting of the State Building Commission, p. 43 COMMUNICATIONS, PETITIONS AND MEMORIALS UN-OMAGENT United Council Pre-College Conference St UW-Oshkosh

James Smith, President of United Council, informed the board that in the week of September 26-30, United Council would be sponsoring Higher Education Awareness week in the State of Wisconsin; and that on September 29, they would be holding a Minority Pre-College Conference at UW-Oshkosh.

- 44

President Schilling thanked former Regent President Weinstein for the well-organized package of files he had provided to him.

equil- Meetings

ADDITIONAL RESOLUTIONS

Cancellation of August 1988 Meeting, R 5024, P.44

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

Resolution 5024: T

1 5024: That the meeting of the Board of Regents scheduled for August 5, 1988, be cancelled.

Regul - theeting ->>

Acceptance of Invitation for May 1989 Meeting at UW-Milwaukee, R5025, p.44

Resolution 5025 was moved by Regent Fish, seconded by Regent Weinstein and adopted unanimously by the board.

My W-Milumlae (same) Resolution 5025: That the Board of Regents accepts the invitation of Chancellor Smith to hold the May 4 and 5, 1989, meetings at UW-Milwaukee.

At 12:45 p.m., the following resolution, moved by Regent Davis, was unanimously adopted on a roll call vote, with Regents Clusen, Davis, Doughty Luckhardt, Fish, Hanson, Hassett, Jarvis, Lyon, Nicholas, Nikolay, Schilling, Vattendahl and Weinstein voting "Aye" (13), and no regents voting "No."

Resolution 5026: That the Board of Regents recess into closed session for discussion of personnel and salary matters, as permitted by s. 19.85(1)(c), Wis. Stats.; for possible action on appointments to UW-Green Bay and UW Centers boards of visitors, as permitted by s. 19.85(1)(f), Wis. Stats.; and to confer with legal counsel, as permitted by s. 19.85(1)(g), Wis. Stats.

CLOSED SESSION ACTIONS

The board arose from closed session at 1:05 p.m. and made the following announcements: UW-Green Bound Minkow Resolution/5027: That, upon the recommendation of the UW Green Bay announcements:

Chancellor and the President of the University of Wisconsin System, Mr. Michael J. Hucovski bereappointed to the UW-Green Bay Board of Visitors for R 5007, D.45 a term ending in June 1991.

UW Conters Broky Visitor Resolution 5028: That, upon the recommendation of the Chancellor of the UW Centers and the President of the University of Wisconsin System, Mr Ronald F. Meyer be appointed to the UW Centers Board of Visitors for a term ending R 5028, P.45 July 1, 1989.

The meeting was adjourned at 1:05 p.m.

th A Jumer

August 12, 1988

0549X

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

- 1. WISCONSIN 4-H FOUNDATION, INC. MADISON, WI MECHANICAL SCIENCES 4-H MSN AG&LSC AG ENGINEERING (133-L132) 162.25
- 2. WISCONSIN HIGH SCHOOL FORENSIC ASSOCIATION MADISON, WI SUPPORT OF WISCONSIN HIGH SCHOOL FORENSIC ASSOCIATION FOR THE PERIOD 07-01-88 THRU O6-30-89 MSN OUTRCH CONTIN EDUC-ARTS CONTIN EDU (133-N025) 93,125.00
- 3. WISCONSIN YOUTH SYMPHONY ORCHESTRAS MADISON, WI SUPPORT OF WISCONSIN YOUTH SYMPHONY ORCHESTRAS MSN DUTRCH CONTIN EDUC-ARTS CONTIN EDU (133-N026) 33,035.00

GIFT-IN-KIND

- 1. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ROBERT MICHEL, MEZ, WOODCUT; HENRY FUSLI (AFTER) TITANIA AND BOTTOM, ENGRAVING; SARAH NIND, STILL LIFE, PRINT MSN L&S ELVJM MUSEUM ART
- 2. SQUARE D COMPANY-AUTOMATION PRODUCTS DIV. MILWAUKEE, WI 84 - DUAL DARLINGTON 1200 VOLT, 150 AMP POWER TRANSISTOR MODULES MSN ENGR ELEC & COM ENGR ELEC&COMP
- 3. AT & T MADISON, WI 2 MICROCOMPUTERS MSN BUS SCH OF BUSINESS
- 4. ALBERT E. DEPPELER MONROE, WI SPECTROPHOTOMETER-STASAR (GILFORD) OPERATES IN THE VISIBLE PORTION OF THE SPECTRUM 335-700NM AND A GILFORD THERMAN PRINTER II PROGRAMED PRINTER. MSN AG&LSC DAIRY RESEARCH,C

INSTRUCTION

1. EDUCATION, DEPT OF WASHINGTON, DC PREPARATION OF SCHOOL PSYCHOLOGISTS TO SERVE AS CONSULTANTS TO TEACHERS TRAINED IN CONSULTATION AND CLASSROOM INTERVENTION STRATEGIES FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # H029F80013 MSN EDUC WIS CTR EDUC RES (144-AK25) 73,961.00

INSTRUCTION

- 2. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM ROCKVILLE, MD ECONOMICS OF MENTAL HEALTH FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 T32 MH18029-05 MSN L&S ECONOMICS (144-AK68) 136,213.00
- 3. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN ROCKVILLE, MD INTERDISCIPLINARY EDUCATION OF PEDIATRIC THERAPISTS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # MCJ-009102-02-0 MSN HS-A H OCCUP THERAPY (144-AK69) 82,910.00
- 4. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD IN SUPPORT OF THE FOLLOWING:
- 1) GRADUATE TRAINING IN CELLULAR AND MOLECULAR BIOLOGY
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # 5 T32 GM07215-14
 MSN GRAD INST MOL VIR INST MOL V (144-AJ57) 882,162.00
- 2) ENVIRONMENTAL TOXICOLOGY (PREDOCTORAL AND POSTDOCTORAL) FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 T32 ES07015-12 MSN AG&LSC N RSRC-ENVIR TOX (144-AK05) 204,813.00
- 3) SENSORY PHYSIOLOGY AND BIOPHYSICS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 T32 NS07026-13 MSN HS-MED NEUROPHYSIOLOGY (144-AK67) 97,854.00
- 5. U S INFORMATION AGENCY WASHINGTON, DC SUMMER SCHOOL: ITALIAN TEACHERS OF ENGLISH FOR THE PERIOD 06-01-88 THROUGH 09-30-88 AWARD # AGR DTD 06-01-88 MSN L&S ENGLISH (144-AK11) 91,371.00
- 6. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GM FACULTY PROFESSIONAL DEVELOPMENT GRANT MSN ENGR OPERATIONS (133-K197) 10,000.00
- UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INTEGRATED LIBERAL STUDIES PROGRAM FUND MSN L&S INTEG LIB STU (133-L455) 2,500.00
 8. NATIONAL CONFECTIONERS ASSOCIATION CHICAGO, IL
- DEFRAY COST OF CONDUCTING THE ANNUAL CONFECTIONER'S SHORT COURSE MSN AG&LSC FOOD SCIENCE (133-8131) 2,000.00

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

9. MASTER BREWERS ASSOCIATION MADISON, WI SHORT COURSE IN BREWING AND MALTING SCIENCE (133-8831) MSN AG&LSC FOOD SCIENCE 2,925.00

LIBRARIES

- MULTIPLE DONORS 1. SPECIAL SUPPORT FOR COOPERATIVE CHILDREN'S BOOK CENTER LIB&INF ST (133-D098) 130.00 MSN L&S UNIVERSITY OF WISCONSIN FOUNDATION 2.
- MADISON, WI PURCHASE OF LIBRARY MATERIALS AND SUPPLIES MSN LIBR GEN OPERATIONS SUPP & EQ (133-F543) 50.00
- 3. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PURCHASE OF MATERIALS IN THE HISTORY OF BOOKS AND PRINTING AND THE HISTORY OF SCIENCE (133-L236) 1,284.83 MSN LIBR GEN OPERATIONS LIB ACQSTN
- 4. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PURCHASE OF MATERIALS FOR LIBRARY COLLECTIONS (133-M983) 8,815.00 MSN LIBR
- 5. ARTHUR C. NEILSEN JR. CHICAGO, IL SUPPORT LITHIUM LIBRARY IN THE DEPARTMENT OF PSYCHIATRY LITHIUM IN (133-9651) 1,000.00 MSN HS-MED PSYCHIATRY

MISCELLANEOUS

- 1. CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN D. TRUST SCHULTE, HELEN DENNE--LOAN FUND (TRUST) 7,016.60 MSN HS-NUR 2. EARNINGS ON MISC. INVESTMENTS DAVIS, JEFFERSON--AWARD IN CONSTITUTIONAL LAW (TRUST) MSN LAW LAW SCHOOL 175.00 3. EARNINGS ON MISC. INVESTMENTS DAVIS, JEFFERSON--AWARD IN POLITICAL SCIENCE (TRUST) 175.00 POLITICAL SCI MSN L&S
- 4. SPADE COOP GIN SPADE, TX FINAL PATRONAGE EQUITY DIST. STRAIGHT, EDNA PHELPS--BUILDING TRUST FUND-ESTATE MSN G E A UNIVERSITY ADMIN CHANCELLOR (TRUST) 73.17





MISCELLANEOUS

5.	MULTIPLE DONORS MACK, JULIANPHYSICS DEPARTMENT MSN L&S PHYSICS	(TRUST)	25.00
6.	OF PHYSICS			
	MSN L&S PHYSICS	(TRUST)	
	125.00 HANSON, HAROLD & MARY WASHINGTON, D.C. MULTIPLE DONORS 250.00 HOLBROW, CHARLES H. & HAMILTON, NY			\$ 100.00 \$ 25.00
				375.00
7.	MULTIPLE DONORS RICHARDS, H.TLECTURE FUND IN THE DEL OF PHYSICS			
	MSN L&S PHYSICS	(TRUST)	25.00
8.	MEDICAL SCHOOL CLASS OF 1939-FIFTIETH ANNIVERSARY TRUST			
	MSN HS-MED	(TRUST)	25.00
9.	MULTIPLE DONORS MILLER, ELIZABETH CMEMORIAL FUND MSN HS-MED ONCOLOGY	(TRUST)	120.00
10.	GRAY, NELLE JUNE OAKLAND, CA PETTIS, JOHN A. TRUSTEE GRAY, NELLE JUNEECONOMIC POLICY MSN L&S ADMINISTRATION	(TRUST)	40,000.00
11.	DHHS, PHS, NATIONAL INSTITUTES OF HEAL BETHESDA, MD	тн		
	INTERNATIONAL CONFERENCE REQUEST TO AT IASSMD FOR THE PERIOD 06-01-88 THROUGH 05-31-			
	AWARD # 1 R13 HD24370-01 MSN GRAD WAISMAN CENTER		4)	11,751.00
12.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI			
	PRIME CONTRACTOR WITH NEH WILLIAM WORDSWORTH AND THE AGE OF ENGL ROMANTICISM FOR THE PERIOD 10-08-87 THROUGH 06-30-			
	AT A TOTAL COST OF \$5,159.60 AWARD # FY87-45(L), MOD. 2 MSN OUTRCH LIBERAL STUDIES	(144-AB4	3)	229.00
13.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC FACILITIES SUPPORT OF THE UNIVERSITY O WISCONSIN-MADISON HERBARIUM FOR THE PERIOD 03-01-87 THROUGH 08-31- AT A TOTAL COST OF \$330,659.00			
	AWARD # BSR-8611913, MOD. 1 MSN L&S BOTANY	(144- 486	7)	88,516.00

GIFTS, GRANTS AND CONTRACTS JULY 8, 1988 UNIVERSITY OF WISCONSIN - MADISON MISCELLANEOUS 14. TENNESSEE VALLEY AUTHORITY GOLDEN POND, KY ACADEMIC ENRICHMENT PROGRAM FOR THE PERIOD 05-23-88 THROUGH 08-12-88 AWARD # TV74640A 780.00 (144-AJ34) MSN AG&LSC NAT RSRCS- ADMIN DEPARTMENT OF PEDIATRICS CHAIRMAN'S DISCRETIONARY 15. FUND MSN HS-MED PEDIATRICS (133-A528) 16,000.00 C.D.O. UNIVERSITY PEDIATRIC ASSOCIATION MADISON, WI C.D.O. UNIVERSITY PEDIATRIC ASSOCIATES 16,000.00 MADISON, WI 32,000.00 16. ELSEVIER NORTH-HOLLAND INC. NEW YORK, NY DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MATHEMATICS (133-A751) 700.00 MSN L&S 17. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HERBARIUM EXPENSES (133-B291) 2,000.00 MSN L&S BOTANY UNIVERSITY OF WISCONSIN FOUNDATION 18. MADISON, WI EXHIBITION FUNDS ELVJM MUSEUM ART (133-B418) 5.000.00 MSN L&S 19. MULTIPLE DONORS DEFRAY EXPENSES CONNECTED WITH THE NORTH CENTRAL TREE IMPROVEMENT ASSOCIATION MEETING (133-C913)983.00 MSN AG&LSC N RSRCS-FORESTRY 20. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL MOTORS UNRESTRICTED GRANT FOR COLLEGE OF ENGINEERING MSN ENGR OPERATIONS (133-D136) 2,000.00 21. C.D.O. UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI GENERAL DEPARTMENTAL OFFICE EXPENSES (133-D507) 33,000,00 MSN HS-MED ANESTHESIOLOGY UNIVERSITY OF WISCONSIN FOUNDATION 22. MADISON, WI ARTS OUTREACH MSN OUT DE P SV-ARTS (133-D560) 10.152.32

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MISCELLANEOUS

23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUT SCIENCES DEPARTMENT MSN L&S COMPUTER SCI		10.000.00
24.	C.D.O. UNIVERSITY NEUROLOGICAL ASSOCIA MADISON, WI	TES	
	ADMINISTRATIVE AND CLERICAL SUPPORT ST IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	AFF (133-E647)	1,552.06
25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GEOLOGY AND GEOPHYSICS		
	CHAIRMAN'S DISCRETIONARY ACCOUNT	(133-E941)	10,000.00
26.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	EXXON FACULTY ASSISTANCE GRANT MSN ENGR CHEMICAL ENGR	(133-F086)	20,500.00
27.	MADISON, WI		
	INTERNATIONAL PROGRAMS HEWLETT FUNDS MSN G E A INTL STU & PROGS	(133-F809)	10,000.00
28.	MULTIPLE DONORS MUSEUM DISCRETIONARY ACCOUNT MSN L&S GEOL & GEOPHYSCS	(133-GO11)	300.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY FUND		
	MSN L&S ELVJM MUSEUM ART	(133-G348)	10,000.00
30.	MADISON, WI College of Engineering Program Support		
		(133-G622)	3,000.00
31.	ADA, OH HISTORY OF PHARMACY PROGRAM		
32	MSN HS-PHR PHARMACY UNIVERSITY OF WISCONSIN FOUNDATION	(133-G642)	629.28
	MADISON, WI WCCC/DHO PUBLIC AWARENESS PROGRAM MSN HS-MED HUMAN ONCOLOGY	(133-G744)	15,000.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	SUPPLIES, EQUIPMENT AND MISCELLANEOUS MSN L&S GEOL & GEOPHYSCS	EXPENSES (133-H571)	50.00



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GIFTS, GRANTS AND CONTRACTS JULY 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

- 34. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONERY ACCOUNT-RISK & INSURANCE MSN BUS SCH OF BUSINESS (133-J620) 1,115.72
- 35. INTERNATIONAL SOLAR ENERGY SOCIETY EDITORIAL OPERATION OF JOURNAL OF SOLAR ENERGY MSN ENGR ENGR EXPER STA SOLAR ENRG (133-J634) 18,300.00
- 36. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF LIBRARY AND INFORMATION STUDIES DISCRETIONARY FUND MSN L&S LIB&INF ST (133-J687) 550.00
- 37. NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU (133-J775) 500.00
- 38. MEDICAL PHYSICS DISCRETIONARY FUND MSN HS-MED MEDICAL PHYSICS (133-J847)
 - 5,000.00 THE JOHN R. CAMERON MEDICAL PHYSICS FOUNDATION MIDDLETON, WI 4,048.00 GENERAL ELECTRIC MILWAUKEE, WI 1,000.00 JOHN R. CAMERON MADISON. WI

10,048.00

- 39. MULTIPLE DONORS LECTURE PROGRAM "THE WONDERS OF PHYSICS" MSN L&S PHYSICS (133-K201) 415.00
- 40. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR SPECIAL REQUESTS MSN HS-MED (133-K244) 6,500.00
- 41. MULTIPLE DONORS

 DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND

 MSN AG&LSC HORTICULTURE
 (133-K551)

 14.40
- 42. CIBA-GEIGY CORPORATION SUMMIT, NJ ANXIETY DISORDERS CENTER MSN HS-PSY PSYCHIATRIC INST (133-K955) 14,112.00
- 43. MULTIPLE DONORS AIDS EDUCATION MSN HS-UHS HEALTH SVC-BBC (133-K995) 160.00
- 44. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROSPECTIVE GRADUATE STUDENT HONORARIUMS MSN L&S CHEMISTRY (133-L057) 2,300.00



MISCELLANEOUS

	a na faran a faran an a			
45.	DEPARTMENTAL DISCRETIONARY FUND	(133-L097)	40.00	
46.	DISCRETIONARY FUND FOR RHEUMATOLOGY RESE	ARCH (133-L429)	400.00	
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR LIMNOLOGY DISCRETIONARY FUND MSN L&S LIMNOLOGY CTR	(133-L491)	854.50	
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ABE SIGMAN LAW PRIZE MSN LAW LAW SCHOOL	(133-L499)	100.00	
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITNG AND MOVING EXPENSES MSN HS-MED	(133-L567)	20,000.00	
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONE-TIME DEPA	RTMFNTAL		
	REQUESTS MSN HS-MED	(133-L568)	17,000.00	
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONGOING DEPAR REQUESTS	TMENTAL		
	MSN HS-MED	(133-L569)	16,000.00	
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S TRANSITIONAL FUNDING MSN HS-MED	(133-L570)	9,000.00	
53.	ALPHA 1 BIOMEDICALS, INC Washington, DC Aging Research Discretionary fund			
54	MSN HS-MED MEDICINE HEMATOLOGY UNIVERSITY OF WISCONSIN FOUNDATION	(133-L572)	5,000.00	
	MADISON, WI WALTER F. RENK DISTINGUISHED FACULTY AWA MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S	RD (133-L613)	2,000.00	
55.	WORTH PUBLISHERS, INC. NEW YORK, NY MANUSCRIPT PREPARATION FOR PRINCIPLES OF			
	BIOCHEMISTRY-NELSON MSN AG&LSC BIOCHEMISTRY	(133-L850)	1,000.00	

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GIFTS, GRANTS AND CONTRACTS JULY 8, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

MULTIPLE DONORS 56 CONSTRUCTION OF AN EXHIBIT ON WISCONSIN'S GROUNDWATER FOR THE GEOLOGY MUSEUM 200.00 (133-MOO4) MSN L&S GEOL & GEOPHYSCS 57. AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC JOURNAL OF MEDICINAL CHEMISTRY EDITORIAL EXPENSES 1,194.48 MSN HS-PHR PHARMACY (133-M375) 58. AFFILIATED UNIVERSITY PHYSICIANS/CDD MADISON, WI PARTNERSHIP BUSINESS EXPENSES FOR OPERATION OF RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MSN HS-MED RADIOLOGY (133-M530) 15,000.00 59. UNIVERSITY PSYCHIATRY GROUP C.D.O. MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SUPPORT MSN HS-MED PSYCHIATRY (133-M651) 2,627.43 60. INTERNATIONAL DEVELOPMENT PROGRAMS OF AUSTRALIAN UNIVERSITIES AND COLLEGES CANBERRA, AUSTRALIA AUSTRALIAN UNIVERSITIES SHORT TERM TRAINING COSTS OF PHILIPPINE SCHOLARS MSN G E A INTL STU & PROGS (133-M835) 2,050.00 STATE PUBLIC DEFENDER'S OFFICE 61. MADISON, WI LEGAL DEFENSE PROJECT (133-M926) 80,000.00 MSN LAW LAW SCHOOL MULTIPLE DONORS 62 CONSERVATION OF MALAGASY BIRDS ZOOLOGY (133-M959) 200.00 MSN L&S 63. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTHUR H. UHL CONFERENCE ROOM FUND MSN HS-PHR PHARMACY (133-M977) 8,100.00 64. COMISSAD NACIONAL PARA AS COMEMORACOES DOS DESCOBRIMENTOS PORTUGUESES LISBON. PORTUGAL PUBLICATION ASSISTANCE FOR A SPECIAL ISSUE OF THE JOURNAL "LUSO-BRAZILIAN REVIEW" MSN GRAD U W PRESS SPEC JOUR (133-M979) 3,500.00 65. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS (133-0179) 5,200.00

58,340.00

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHEMICAL ENGINEERING CHAIRMAN'S DISCRE	TIONARY	
	GRANT MSN ENGR CHEMICAL ENGR	(133-3236)	5,000.00
67.	MULTIPLE DONORS CONSORTIUM FOR GRADUATE STUDY IN MANAG MSN BUS SCH OF BUSINESS	EMENT (133-5984)	25.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING DEAN'S DISCRETI MSN ENGR OPERATIONS	ONARY FUND (133-6370)	25,000.00
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENGLISH DEPARTMENT CHAIRMAN'S DISCRETI MSN L&S ENGLISH	ONARY GRANT (133-7849)	841.02
70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF COMMUNICATION ARTS CHAIR DISCRETIONARY GRANT MSN L&S COMMUN ARTS	MAN'S (133-8261)	700.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF CHEMICAL ENGINEERING CHA DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR	IRMAN'S (133-8366)	70,000.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED GRANT IN THE DEPARTMENT O MSN L&S CHEMISTRY	0F CHEMISTRY (133-9597)	3,000.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		

NUTRITIONAL SCIENCES GENERAL PURPOSE FUND MSN AG&LSC NUTRITIONAL SCI (133-9610) 1,800.00

PHYSICAL PLANT

 HOUSING AND URBAN DEVELOPMENT, DEPT OF WASHINGTON, DC INTEREST SUBSIDY GRANT FOR UNION SOUTH AWARD # CH WIS 132(S) MSN

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- 1. ABBOTT LABORATORIES ABBOTT PARK, IL ACQUISITION OF ABBOTT'S POLYCLONAL ANTIBODY R2652 TP PDGF MSN HS-MED ONCOLOGY
- 2. SCRIPPS CLINIC AND RESEARCH FOUNDATION LA JOLLA, CA MONOCLONAL ANTIBODY MB47, GTANTIMSIG MSN AG&LSC BIOCHEMISTRY
- 3. EXXON CHEMICAL COMPANY LINDEN, NJ STRESSMETER MSN ENGR ENGR EXPER STA RHEOLOGY R
- 4. EARNINGS ON MISC. INVESTMENTS PHANEUF, DUANE--MEDICAL RESEARCH MSN HS-MED (TRUST) 143.70
- 5. COLLINS, HORACE--LEUKEMIA RESEARCH MSN HS-MED MEDICINE HEMATOLOGY (TRUST)

25.00	MULTIPLE DONORS	
279.00	ATHLETE'S FOOT OF WISCONSIN,	INC.
	OSHKOSH, WI	

304.00

6. FIELD CROP DISEASES RESEARCH FUND MSN AG&LSC PLANT PATHOLOGY (TRUST)

6.000.00	PIONEER HI-BRED INTERNATIONAL, INC.	
	JOHNSTON, IA	\$ 2000.00
	DAIRYLAND RESEARCH INTERNATIONAL	
	CLINTON, WI	\$ 4000.00
11,000.00	NAPB MISSION, KS	\$ 6000.00
	GREEN GENES, INC.	
	DENNISON, MN	\$ 2500.00
	CAL/WEST SEEDS	
	WOODLAND, CA	\$ 2500.00

17,000.00

7. MCARDLE LABORATORY FOR CANCER RESEARCH--DISCRETIONARY FUND MSN HS-MED ONCOLOGY (TRUST)

> 980.00 MULTIPLE DONORS 50.00 VALLEY TRUST COMPANY APPLETON, WI 736.50 ORCHARD RIDGE HEALTH FUND DRIVE MADISON, WI 1,000.00 ZIMBRICK, INC. MADISON, WI 50.00 WILSON, ROBERT J. & VERA MADISON, WI

> > 2,816.50

- 8. MULTIPLE DONORS WISCONSIN CLINICAL CANCER CENTER--RESEARCH MSN HS-MED HUMAN ONCOLOGY (TRUST) 3,495.00
- 9. LASZLO, JOHN M.D. DURHAM, NC IMMUNOMODULATOR RESEARCH FUND MSN HS-MED HUMAN ONCOLOGY (TRUST) 250.00
- 10. AGRICULTURE, DEPT. OF MADISON, WI REMOTE SENSING PROJECT-MEMORANDUM OF UNDERSTANDING FOR THE PERIOD 05-01-88 THROUGH 04-30-89 AWARD # 695F48819 MSN ENV ST ENV REMOT SENS'G (144-AH33) 40,000.00
- 11. AGRIC, COOPERATIVE STATE RESEARCH SERVICE WASHINGTON, DC STRUCTURE-FUNCTION RELATIONSHIPS IN PHOTOSYNTHETIC ELECTRON TRANSPORT FOR THE PERIOD 05-15-88 THROUGH 05-31-90 AWARD # 88-37262-3406 MSN AG&LSC BIOCHEMISTRY (144-AJ30) 120,000.00
- 12. AGRIC, FOREST SERVICE MADISON, WI METHANE FROM COMMUNITY WASTE SYSTEMS FOR THE PERIOD 03-21-88 THROUGH 10-31-88 AWARD # FP-88-1039 MSN AG&LSC N RSRCS-FORESTRY (144-AK52) 4,324.00
- 13. AGENCY FOR INTERNATIONAL DEVELOPMENT BANGKOK, THAILAND IN VITRO MICROTUBERS FOR POTATO PRODUCTION FOR THE PERIOD 10-01-86 THROUGH 06-30-88 AT A TOTAL COST OF \$43,966.13 AWARD # CK 6202-00739053, MOD. 1 MSN AG&LSC HORTICULTURE (144-Y773) 24,366.13
- 14. AGENCY FOR INTERNATIONAL DEVELOPMENT WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
 - 1) EVALUATION AND MONITORING OF THE GUATEMALAN LAND MARKETS PROJECT FOR THE PERIOD 04-01-88 THROUGH 01-19-89 AWARD # DAN-5301-A-00-4033 #22 MSN AG&LSC LAND TENURE CTR (144-AK56) 257,012.00
 - 2) LAND TENURE RESEARCH ACTIVITIES FOR THE PERIOD 04-01-84 THROUGH 07-31-89 AWARD # DAN-5301-A-00-4033-00, MOD. 22 MSN AG&LSC LAND TENURE CTR (144-U329) 530,000.00
- 15. COMMERCE, DEPT OF GAITHERSBURG, MD TRANSPORT PROTOCOL SUPPORT FOR A GOSIP CONFORMANT ISO PROTOCOL IMPLEMENTATION IN POSIX CONFORMANT SYSTEM ENVIRONMENT FOR THE PERIOD 06-01-88 THROUGH 11-30-89 AWARD # 60NANB8D0828 MSN L&S COMPUTER SCI (144-AH44) 70,000.00



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16. COMM. NATIONAL OCEANIC & ATMOSPHERIC ADM ROCKVILLE, MD THE DIAGNOSTICS AND PREDICTION OF DROUGHT IN SUBSAHARAN AFRICA FOR THE PERIOD 07-01-86 THROUGH 06-30-89 AT A TOTAL COST OF \$144,349.00 AWARD # NA86AA-D-AC064, MOD. 2 (144-Y185) 48.448.00 METEOROLOGY MSN L&S 17. DHHS. HEALTH CARE FINANCING ADMIN BALTIMORE, MD THE USE OF MEDICAID REIMBURSEMENT DATA IN THE NURSING HOME QUALITY ASSURANCE PROGRAM FOR THE PERIOD 06-15-88 THROUGH 06-14-89 AWARD # 05-0018C99256 MSN ENGR ENGR EXPER STA HLTH SYS'S (144-AK54) 118 760 00 18. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM ROCKVILLE, MD MENTAL HEALTH SERVICES RESEARCH CENTER FOR THE PERIOD 06-15-88 THROUGH 05-31-89 AWARD # 1 P50 MH43555-01 MSN L&S SOCIOLOGY (144-AK41) 415,939.00 19. CENTER FOR PUBLIC REPRESENTATION MADISON, WI PRIME CONTRACTOR WITH DHHS PHS HRSA IMPACT OF PREPAID HEALTH PLANS ON CHILDREN WITH SPECIAL NEEDS FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # AGR DTD 06-13-88 MSN ENGR ENGR EXPER STA HLTH SYS'S (144-AK08) 59,920.00 20. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD IN SUPPORT OF THE FOLLOWING: 1) BIOLOGY AND EXPERIMENTAL THERAPY OF BREAST CANCER FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 5 PO1 CA20432-12 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-AG86) 469,073.00 2) BIOSTATISTICAL METHODS FOR CANCER RESEARCH FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 5 R29 CA45313-02 MSN HS-MED HUMAN ONCOLOGY (144-AG88) 56,425.00 CAN C-BIOM 3) HUMAN MILK AND NEONATAL HYPERBILIRUBINEMIA FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 5 RO1 HD20914-03 MSN HS-MED PEDIATRICS (144-AH22) 129,198.00 4) MATURATION OF LIVER FOR THE METABOLISM OF BILIRUBIN FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 5 RO1 DK21668-12 MSN HS-MED PEDIATRICS (144-AH26) 156,986.00

- 5) THE EPIDEMIOLOGY OF AGE-RELATED OCULAR DISEASE FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 5 U10 EY06594-02 MSN HS-MED OPHTHALMOLOGY (144-AH41) 674,905.00
- 6) INSTABILITY OF TUMOR PROMOTION IN HEPATOCARCINDGENESIS FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 5 R01 CA45700-02 MSN HS-MED ONCOLOGY (144-AH58) 170,738.00
- 7) MAMMARY CARCINDGENESIS INTERSPECIES COMPARISONS FOR THE' PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R01 CA30295-08 MSN HS-MED HUMAN ONCOLOGY RAD BIDL (144-AH71) 163,956.00
- 8) STATISTICAL PROBLEMS IN CANCER RESEARCH
 FOR THE PERIOD 07-01-88 THROUGH 06-30-89
 AWARD # 5 R01 CA18332-14
 MSN HS-MED HUMAN ONCOLOGY CAN C-BIOM (144-AH73) 114,779.00
- 9) CHARACTERIZING EARLY EVENTS IN MAMMARY CARCINOGENESIS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R01 CA44387-02 MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-AH74) 205,315.00
- 10) EFFECT OF ATRIAL NATRIURETIC HORMONE ON ALDOSTERONE FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 5 R29 DK38444-02 MSN HS-MED MEDICINE ENDOCRINOL (144-AH92) 69.886.00
- 11) MODIFIED RESEARCH CAREER DEVELOPMENT AWARD FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 KO4 AI00599-05 MSN AG&LSC BIOCHEMISTRY (144-AJ07) 53,352.00
- 12) BOTULINUM NEUROTOXIN: MECHANISM OF TOXICITY FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R01 NS24545-02 MSN AG&LSC FOOD MICRO&TOXIC (144-AJO8) 140,773.00
- 13) THE BIOCHEMISTRY OF GENETIC RECOMBINATION/ RECA PROTEIN FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 GM32335-06 MSN AG&LSC BIOCHEMISTRY (144-AJO9) 143,380.00
- 14) MULTITRACER ARG STUDIES OF MYOCARDIAL ISCHEMIA FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 HL33514-03 MSN HS-MED RADIOLOGY NUCL MED (144-AJ14) 135,748.00

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- 15) TRANSMISSION AND CONTROL OF CALIFORNIA-GROUP VIRUSES FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R01 AI07453-22 MSN AG&LSC ENTOMOLOGY (144-AJ15) 94,634.00
- 16) (NA+K)-ATPASE: STRUCTURE, BIOSYNTHESIS AND REGULATION FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 GM33850-05 MSN HS-MED PHARMACOLOGY
 (144-AJ17) 183,886.00
- 17) BOTULINUM NEUROTOXIN: SEQUENCE AND ANTIGENIC SITES FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R01 NS25063-02 MSN AG&LSC FOOD MICRO&TOXIC (144-AJ20) 245,199.00
- 18) ACADEMIC/TEACHER AWARD FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 KO7 NSO0808-05 MSN HS-MED NEUROLOGY (144-AJ38) 57,802.00
- 19) ENZYMATIC N-METHYLATION OF CALMODULIN FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 NS24969-02 MSN HS-MED PEDIATRICS (144-AJ44) 122,566.00
- 20) LESION-INDUCED SYNAPTIC REORGANIZATION AND EPILEPSY FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R29 NS25020-02 MSN HS-MED NEUROLOGY (144-AJ46) 59,185.00
- 21) SYNTHESIS AND FUNCTION OF COAGULATION PROTEINS (PROJECT 1) FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 2 PO1 HL29586-06 MSN AG&LSC VETERINARY SCI (144-AJ50) 121,755.00
- 22) SYNTHESIS AND FUNCTION OF COAGULATION PROTEINS (PROJECT 2/CORE) FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 2 PO1 HL29586-06 MSN HS-MED PHYSIOLOG CHEM (144-AJ51) 227,571.00
- 23) SYNTHESIS AND FUNCTION OF COAGULATION PROTEINS (PROJECT 3) FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 2 PO1 HL29586-06 MSN HS-MED MEDICINE CARDIOLOGY (144-AJ52) 141,915.00
- 24) SYNTHESIS AND FUNCTION OF COAGULATION PROTEINS (PROJECT 4) FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 2 PO1 HL29586-06 MSN AG&LSC BIOCHEMISTRY (144-AJ53) 97,489.00

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- 25) STUDIES OF SPERM FERTILIZING ABILITY FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R01 HD14235-08 MSN AG&LSC VETERINARY SCI (144-AJ66) 104,780.00
- 26) STRUCTURE AND FUNCTION OF THE GENOMES OF SMALL VIRUSES FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R01 AI01466-32 MSN GRAD INST MOL VIR INST MOL V (144-AJ69) 136,254.00
- 27) ANTIBODIES TO NEURAL ANTIGENS IN NEMATODE ASCARIS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R01 AI20355-06 MSN L&S ZOOLDGY (144-AJ71) 107,287.00
- 28) IMMUNE RESPONSE OF MOSQUITOES TO FILARIAL WORMS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R22 AI19769-06 MSN AG&LSC VETERINARY SCI (144-AJ72) 120,315.00
- 29) DEVELOPMENT OF SENSORY-MOTONEURON CONTACTS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R01 NS23808-03 MSN HS-MED PHYSIOLOGY (144-AJ73) 70,944.00
- 30) GENE FUNCTIONS AND MOLECULAR GENETICS OF RNA VIRUSES FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R01 GM35072-04 MSN GRAD INST MOL VIR INST MOL V (144-AJ74) 86,265.00
- 31) MECHANISMS OF ENZYMATIC REACTIONS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 GM30480-08 MSN GRAD ENZYME INSTITUTE (144-AJ75) 205,462.00
- 32) STRUCTURE, SYNTHESIS AND ASSEMBLY OF PICORNAVIRUS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R01 AI24939-02 MSN GRAD INST MOL VIR INST MOL V (144-AJ81) 199,250.00
- 33) RESEARCH CAREER AWARD FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 KOG CAOO685-28 MSN HS-MED ONCOLOGY (144-AJ86) 33,453.00
- 34) MONOCLONAL ANTIBODY ANALYSIS OF MACROPHAGE ACTIVATION FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 AI21274-05 MSN HS-MED MED MICROBIOLOGY (144-AJ88) 112,847.00
- 35) REGULATION AND FUNCTION OF YEAST HEAT SHOCK RESPONSE FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 R01 GM31107-07 MSN HS-MED PHYSIOLOG CHEM (144-AJ95) 142,072.00



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36)	PHOTOAFFINITY LABELED ACYL COA FOR ADP/AT FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 GM35355-03 MSN HS-MED MEDICINE ENDOCRINOL		72,722.00
37)	PHYSIOLOGICAL REGULATION OF BODY WEIGHT FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 DK19944-24 MSN L&S PSYCHOLOGY	(144-AK06)	153,958.00
38)	EFFECT OF AGE ON SULFUR AMINO ACID METABOLISM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 DK15227-16 MSN AG&LSC MEAT& ANIMAL SCI	(144-AK26)	107,162.00
39)	SENSORY-MOTOR DYSFUNCTIONS RELATED TO FAL FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 AG06445-03 MSN EDUC PHYS ED & DANCE PHYS EDUC	LING	
40)	PARKINSONIAN DYSFUNCTIONS IN MOVEMENT ORC FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 NS17421-05 MSN EDUC PHYS ED & DANCE PHYS EDUC		133,094.00
41)	VIDEOSTROBOSCOPIC EXAMINATION OF THE LARY FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 NS24859-02 MSN GRAD WAISMAN CENTER		124,184.00
42)	MECHANICAL PROPERTIES OF CA-ACTIVATED HEA MUSCLE FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 2 R01 HL25861-09	ART	
43)	PROTEIN AND THROMBUS DEPOSITION ON VASCUL FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 HL21001-11 MSN ENGR CHEMICAL ENGR		145,010.00
44)	MODIFIED RESEARCH CAREER DEVELOPMENT AWAF FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 KO4 AI00573-05 MSN AG&LSC BACTERIOLOGY		54,000.00
45)	IMMUNOGENETICS OF TRICHINELLA SPIRALIS IN THE MOUSE FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 5 RO1 AI24355-03 MSN VET M PATHOBIOLGCL SCI		
46)	MODIFIED RESEARCH CAREER DEVELOPMENT AWAY FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 1 KO4 GM00521-01 MSN AG&LSC BIOCHEMISTRY		53,093.00

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- 47) NEUROTRANSMITTERS AND VENTILATORY CONTROL IN AWAKE RATS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 2 RO1 HL31430-04A1 MSN HS-MED PREVENTIVE MED (144-AK65) 124,968.00
- 48) SMALL INSTRUMENTATION PROGRAM GRANT FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 1 S15 GM41195-01 MSN HS-PHR PHARMACY (144-AK66) 15,882.00
- 49) CANCER COMMUNICATIONS SYSTEM FOR THE PERIOD 05-16-85 THROUGH 02-15-89 AT A TOTAL COST OF \$1,258,945.00 AWARD # N01-CN-55481, MOD. 6 MSN HS-MED HUMAN ONCOLOGY PREV ONCOL (144-W596) 248,389.00
- 50) READING CENTER FOR FRAMINGHAM EYE STUDY PHOTOGRAPHS FOR THE PERIOD 06-01-86 THROUGH 05-31-89 AT A TOTAL COST OF \$237,266.00 AWARD # N01-EY-6-2116, MOD. 2 MSN HS-MED OPHTHALMOLOGY (144-Y180) 75,836.00
- 21. MERIDIAN MEDICAL CORPORATION SEATTLE, WA PRIME CONTRACTOR WITH DHHS PHS NIH ACCURATE ALCOHOL BREATH TESTING FOR THE PERIOD 05-15-88 THROUGH 12-31-88 AWARD # AGR DTD 05-23-88 MSN VET M CMPARTV BIOSCI'S (144-AK12) 23,150.00
- 22. MAC AULEY-BROWN, INC DAYTON, OH PRIME CONTRACTOR WITH DOD AF FIELD MEASUREMENTS OF HEAD RELATED TRANSFER FUNCTION FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # 1107-02-07-UWA MSN GRAD WAISMAN CENTER (144-AJ36) 75,984.00

23. DOD, ARMY RESEARCH TRIANGLE PARK, NC COMPUTATIONAL AND THEORETICAL ASPECTS OF NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS FOR THE PERIOD 02-10-87 THROUGH 08-09-89 AT A TOTAL COST OF \$100,000.00 AWARD # DAAL03-87-K-0028, MOD. 2 MSN L&S CTR MATH SCI (144-Z086) 40,000.00

24. DOD, NAVY ARLINGTON, VA IN SUPPORT OF THE FOLLOWING:

1) THE EXODUS DATABASE SYSTEM PROJECT FOR THE PERIOD 01-01-88 THROUGH 12-31-88 AWARD # NOO014-88-K-0303 MSN L&S COMPUTER SCI (144-AC69) 314,000.00





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- 2) DESIGN AND SYNTHESIS OF MOLECULAR SYSTEMS CAPABLE OF SUPPORTING INTRACAVITY CHEMICAL REACTIONS FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # NOO014-88-K-0358 MSN L&S CHEMISTRY (144-AH98) 80,903.00
- 3) COLLECTION OF STATISTICS ON THE FREQUENCY OF CLOUD COVER OVER NORTH AMERICA FOR THE PERIOD 04-01-87 THROUGH 03-30-89 AT A TOTAL COST OF \$305,000.00 AWARD # NO0014-87-K-0436, MOD. 2 MSN GRAD SPACE SCI&ENG CT (144-Z641) 55,000.00
- 25. HONEYWELL, INC MINNEAPOLIS, MN PRIME CONTRACTOR WITH DOD NAVY DESIGN, FABRICATE AND TEST AN EFFECIENT MONOLITHIC MILLIMETER POWER AMPLIFIER FOR THE PERIOD 04-01-87 THROUGH 03-31-89 AT A TOTAL COST OF \$159,131.00 AWARD # P.O. #046307-FW, MOD. 1 MSN ENGR ELEC & COM_ENGR ELEC&COMP (144-Z727) 79,731.00
- 26. ENERGY, DEPT OF Argonne, IL IN Support of the following:
 - 1) EXPERIMENTAL INVESTIGATION OF ICRF EFFECTS FOR THE PERIOD 01-01-88 THROUGH 10-15-88 AT A TOTAL COST OF \$1,480,000.00 AWARD # DE-FG02-88ER53264, MOD. 2 MSN ENGR NUC ENGR&E PHYSC (144-AB76) 150,000.00
 - 2) FUSION PLASMA THEORY FOR THE PERIOD 12-01-87 THROUGH 11-15-88 AT A TOTAL COST OF \$355,000.00 AWARD # DE-FG02-86ER53218, MOD. 2 MSN ENGR NUC ENGR&E PHYSC (144-AC10) 55,000.00
 - 3) THE DEVELOPMENT OF PROCESS DESIGN AND CONTROL STRATEGIES FOR ENERGY EFFICIENCY, HIGH PRODUCT QUALITY AND IMPROVED PRODUCTIVITY IN THE PROCESS INDUSTRIES FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # DE FG02-86ER13551 MSN ENGR CHEMICAL ENGR (144-AH85) 106,000.00
 - 4) CARBON ISOTOPE FRACTIONATION IN PLANTS FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # DE-FG02-86ER13534 MSN L&S CHEMISTRY (144-AH97) 74,000.00
 - 5) GAS EXCHANGE CHARACTERISTICS AS INDICATORS OF THE BASIC LIMITING FACTORS IN PHOTOSYNTHESIS FOR THE PERIOD 06-01-88 THROUGH 05-31-89 AWARD # DE-FG02-87ER13785 MSN L&S BOTANY (144-AJ01) 69,827.00



- 6) EXPERIMENTAL AND KINETIC MODELING OF ACID/BASE AND REDOX REACTIONS OVER OXIDE CATALYSTS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # DE-FG02-84ER13183 MSN ENGR CHEMICAL ENGR (144-AJ93) 89,000.00
- 27. SANDIA NATIONAL LABORATORIES ALBUQUERQUE, NM PRIME CONTRACTOR WITH DOE LIBRA REACTOR STUDY FOR THE PERIOD 05-07-87 THROUGH 07-29-88 AT A TOTAL COST OF \$130,000.00 AWARD # 02-5011, MOD. 1 MSN ENGR NUC ENGR&E PHYSC (144-Z336) 30,000.00
- 28. ARGONNE NATIONAL LABORATORY ARGONNE, IL PRIME CONTRACTOR WITH DOE ADVANCED PHOTON SOURCE MACHINE RESEARCH FOR THE PERIOD 08-15-87 THROUGH 09-30-88 AT A TOTAL COST OF \$56,900.00 AWARD # PO #059754, MOD. 1 MSN GRAD SYNCHR RAD CTR SYNCH-RAD (144-AD08) 48,900.00
- 29. ARGONNE NATIONAL LABORATORY ARGONNE, IL PRIME CONTRACTOR WITH DOE SUPPORT OF A NEW 6-GEV SYNCHROTRON X-RAY SOURCE-II FOR THE PERIOD 02-01-87 THROUGH 12-31-88 AT A TOTAL COST OF \$28,046.00 AWARD # P 0 #059428, MOD. 2 MSN L&S PHYSICS (144-Y987) 15,555.00
- 30. ARGONNE NATIONAL LABORATORY ARGONNE, IL PRIME CONTRACTOR WITH DOE ENGINEERING & DESIGN OF MAGNETIZING COILS FOR THE BACKING CALORIMETER/MUON SPECTROMETER AND TESTING OF PHOTOMULTIPLIER TUBES/MAGNETIC SHIELDS/MOUNTING HARDWARE FOR THE BARREL CALORIMETER OF THE HERA/ZEUS DETECTOR FOR THE PERIOD 06-08-87 THROUGH 12-31-88 AT A TOTAL COST OF \$344,579.00 AWARD # NO. 71402402, MOD. 3 MSN L&S PHYSICS (144-Z509) 33,064.00
- 31. INTERIOR, DEPT OF
 RESTON, VA
 PROCESSING AND RE-FORMATTING GLIMPCE DATA
 FOR THE PERIOD 01-13-88 THROUGH 02-28-89
 AWARD # 14-08-0001-G1614
 MSN L&S GEOL & GEOPHYSCS GEO&POL R (144-AH42) 9,950.00
- 32. INTER, OFFICE OF WATER RESEARCH AND TECH. RESTON, VA WISCONSIN WATER RESEARCH INSTITUTE PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 14-08-0001-G1599 MSN GRAD WATER RESOURCES WATER RESO (144-AK44) 105,130.00

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33. JUSTICE, DEPT OF ALEXANDRIA, VA MEDIATING MEDICAL MALPRACTICE CLAIMS IN WISCONSIN FOR THE PERIOD 06-01-88 THROUGH 05-31-90 AWARD # SJI-87-03C-D-051 MSN LAW LAW SCHOOL (144-AJ91) 109,373.00 34. NATIONAL AERONAUTICS AND SPACE ADMIN WASHINGTON, DC NASA GRADUATE STUDENT RESEARCHERS PROGRAM FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # NGT-50267 MSN L&S BOTANY (144-AK19) 18,000.00 35. CALIFORNIA INSTITUTE OF TECHNOLOGY PASADENA, CA PRIME CONTRACTOR WITH NASA WIDE FIELD PLANETARY CAMERA FOR SPACE TELESCOPE FOR THE PERIOD 01-01-84 THROUGH 12-31-88 AT A TOTAL COST OF \$260,838.00 AWARD # 658-580912, MOD. 18 SPACE ASTRON LAB (144 - U151)21,000.00 MSN L&S 36. NASA, GODDARD SPACE FLIGHT CENTER GREENBELT, MD IN SUPPORT OF THE FOLLOWING: 1) ANALYSIS OF THREE-DIMENSIONAL THUNDERSTORM MODEL OUTPUT IN TERMS OF GEOSYNCHRONOUS SATELLITE OBSERVATIONS FOR THE PERIOD 03-01-80 THROUGH 04-30-89 AT A TOTAL COST OF \$267,743.00 AWARD # NAG 5-23, MOD. 8 METEOROLOGY (144 - P244)35,000,00 MSN L&S 2) SOME NEW MATHEMATICAL METHODS FOR VARIATIONAL OBJECTIVE ANALYSIS OF METEORLOGICAL INFORMATION USING SPLINES AND CROSS VALIDATION FOR THE PERIOD 05-01-83 THROUGH 12-31-88 AT A TOTAL COST OF \$514,170.00 AWARD # NAG5-316, MOD. 9 MSN GRAD SPACE SCI&ENG CT (144-T131) 40,598.00 3) ENERGY DIAGNOSTICS AND IMPACT STUDIES OF FGGE GLOBAL DATA SETS AND GLAS GCM SIMULATIONS FOR THE PERIOD 08-01-83 THROUGH 12-31-88 AWARD # NAG 5-81, MOD. 9 MSN GRAD SPACE SCI&ENG CT (144-T525) MSN GRAD 152.886.00 37. NASA, HEADQUARTERS WASHINGTON, DC U.S. - EUROPE MULTI-PURPOSE NETWORK GATEWAYS FOR THE PERIOD 06-01-88 THROUGH 11-30-88 AWARD # NAGW-1318

(144-AJ56) 38,988.00

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38. NASA, MARSHALL SPACE FLIGHT CENTER MARSHALL SPACE FLIGHT CENTER, AL MANAGEMENT AND DISPLAY OF FOUR-DIMENSIONAL ENVIRONMENTAL DATA SETS USING MCIDAS FOR THE PERIOD 02-28-86 THROUGH 02-27-89 AT A TOTAL COST OF \$707,000.00 AWARD # NAS8-36292, MOD. 3 MSN GRAD SPACE SCI&ENG CT (144-X669) 156,538.00 39. NATIONAL ENDOWMENT FOR THE HUMANITIES WASHINGTON, DC GENERAL HISTORY OF CARTOGRAPHY PROJECT FOR THE PERIOD 09-01-85 THROUGH 08-31-88 AT A TOTAL COST OF \$424,386.00 AWARD # RT-20614-85, MOD. 6 (144-W891) 15,450.00 MSN L&S GEOGRAPHY 40. NATIONAL SCIENCE FOUNDATION WASHINGTON, DC IN SUPPORT OF THE FOLLOWING: 1) RESEARCH IN EXPERIMENTAL NUCLEAR PHYSICS FOR THE PERIOD 12-01-87 THROUGH 05-31-89 AT A TOTAL COST OF \$509,000.00 AWARD # PHY-8717764, MOD. 1 PHYSICS MSN L&S (144-AB56) 24,000.00 2) STUDY OF THE MICROSCOPIC PROPERTIES OF SEMICONDUCTOR-SEMICONDUCTOR INTERFACES FOR THE PERIOD 05-15-88 THROUGH 10-31-89 AWARD # DMR-8722412 MSN L&S PHYSICS (144-AG92) 108,000.00 3) HIGH RESOLUTION SPECTROSCOPIC STUDIES IN AERONOMY FOR THE PERIOD 06-15-86 THROUGH 05-31-89 AWARD # ATM-8603370 PHYSICS MSN L&S (144-AH07) 10,000.00 4) GENETIC CONTROL OF DROSOPHILA EMBRYONIC PATTERN FORMATION FOR THE PERIOD 07-01-88 THROUGH 12-31-89 AWARD # DCB-8801814 MSN GRAD MOLECULAR BIOL (144-AH21) 80,000.00 5) BEHAVIORAL OF MINERAL MATTER DURING COMBUSTION AND GASIFICATION OF WOOD FOR THE PERIOD 06-01-88 THROUGH 11-30-89 AWARD # CBT-8805868 MSN ENGR MECHANICAL ENGR (144-AH91) 49.710.00 6) COMPUTATION AND THEORY IN DECENTRALIZED OPTIMIZATION FOR THE PERIOD 05-15-88 THROUGH 05-14-91 AWARD # CCR-8801489 MSN L&S COMPUTER SCI (144-AH94) 62,513.00

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7) LARGE-SCALE SERIAL AND PARALLEL COMPUTATIONAL OPTIMIZATION FOR THE PERIOD 06-15-88 THROUGH 11-30-89 AWARD # CCR-8723091 MSN L&S COMPUTER SCI (144-AH99) 67,637.00 8) AN ISOTOPIC AND PETROLOGIC STUDY OF THE ORIGIN OF MAGMAS OF THE SAN JUAN VOLCANIC FIELD, COLORADO FOR THE PERIOD 06-01-88 THROUGH 11-30-90 AWARD # EAR-8803892 MSN L&S GEOL & GEOPHYSCS (144-AJO4) 80,300.00 9) ACQUISITION OF AN FT-IR SPECTROMETER FOR THE PERIOD 06-15-88 THROUGH 11-30-89 AWARD # CHE-8807494 MSN L&S CHEMISTRY (144-AJO5) 111.333.00 10) COLLABORATIVE RESEARCH ON THE INFLUENCE OF PRETRIAL PUBLICITY ON JURY DECISIONMAKING FOR THE PERIOD 07-01-88 THROUGH 03-31-90 AWARD # SES-8722438 MSN L&S PSYCHOLOGY (144-AJ54) 75,000.00 11) COLLABORATIVE RESEARCH ON THE INFLUENCE OF PRETRIAL PUBLICITY ON JURY DECISIONMAKING (REU SUPPLEMENT) FOR THE PERIOD 07-01-88 THROUGH 03-31-90 AWARD # SES-8722438 (144-AJ55) 5,000.00 MSN L&S PSYCHOLOGY 12) MATHEMATICAL SCIENCES: SOME PROBLEMS IN ALGEBRAIC COMBINATORICS FOR THE PERIOD 06-01-88 THROUGH 11-30-89 AWARD # DMS-8800764 (144-AJ68) 16.400.00 MSN L&S MATHEMATICS 13) COOPERATIVE RESEARCH VISIST - JAPAN: PHOTOSYNTHETIC COMPETENCY IN LIGHT-GROWN LEAVES FOR THE PERIOD 06-01-88 THROUGH 11-30-89 AWARD # INT-8800102 5,074.00 MSN L&S BOTANY (144-AJ89) 14) DEVELOPMENTAL REGULATION OF THE SYNTHESIS AND COMPARTMENTALIZATION OF PEROXISOMAL ENZYMES FOR THE PERIOD 07-01-88 THROUGH 12-31-90 AWARD # DCB-8801955 MSN L&S BOTANY (144-AJ90) 160,000.00 15) DOCTORAL DISSERTATION RESEARCH IN GEOGRAPHY AND REGIONAL SCIENCE FOR THE PERIOD 06-15-88 THROUGH 01-31-90 AWARD # SES-8801781 MSN L&S GEOGRAPHY (144-AK07) 11,400.00 16) MATHEMATICAL LOGIC AND APPLICATIONS FOR THE PERIOD 06-15-88 THROUGH 11-30-89 AWARD # DMS-8801139 MSN L&S MATHEMATICS (144-AK23) 113,800.00

- 17) RESEARCH IN EXPERIMENTAL NUCLEAR PHYSICS (REU SUPPLEMENT) FOR THE PERIOD 12-01-87 THROUGH 05-31-89 AWARD # PHY-8717764 MSN L&S PHYSICS (144-AK24) 3,500.00
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113.	NATIONAL WILD TURKEY FEDERATION EDGEFIELD, SC MYCOPLASMA GALLISEPTICUM IN WILD TURKEYS ARE THERE CHRONIC CARRIERS? FOR THE PERIC 03-01-86 THRU 05-13-89		
114.	METRIFLOW, INC. MILWAUKEE, WI DEVELOPMENT OF MEDICAL ELECTRONIC DEVICE NONINVASIVE ANGIOGRAPHY FOR THE PERIOD 06-16-86 THRU 09-30-88 MSN ENGR ELEC & COM ENGR ELEC&COMP		25,000.00
115.	CONSOLIDATED PAPERS, INC. WISCONSIN RAPIDS, WI TITLE LAND SPREADING OF PAPER MILL SLUDG MSN AG&LSC SOIL SCIENCE	Е (133-К673)	6,000.00
116.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRANCIS "PETE" HERREID SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-K769)	1,000.00
117.	ROCKWELL INTERNATIONAL CORPORATION THOUSAND OAKS, CA MATCHING FUNDS FOR PRESIDENTIAL YOUNG INVESTIGATOR AWARD MSN ENGR ENGR MECHANICS	(133-K845)	20,000.00
118.	MULTIPLE DONORS ELECTROPHYSIOLOGY RESEARCH FUND MSN HS-MED MEDICINE CARDIOLOGY	(133-K875)	255.00



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NEU.			
119.	STUART PHARMACEUTICALS WILMINGTON, DE TAMOXIFEN COMPLIANCE MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-L004)	28,200.00
120.	BAXTER HEALTH CARE DEERFIELD, IL SOLID-SOLID INTERACTIONS MSN HS-PHR PHARMACY	(133-L092)	2,000.00
121.	BOISE CASCADE PULP & PAPER RESEARCH PORTLAND, OR BIOPULPING CONSORTIUM MSN GRAD BIOTECHNOLGY CTR	(133-L093)	15,000.00
122.	STUART PHARMACEUTICALS WILMINGTON, DE EVALUATION OF ICI 128,436 IN DIABETIC PA WITH PERIPHERAL SYMMETRICAL POLYNEUROPAT AWARD # ARI 6-760-1 MSN HS-MED NEUROLOGY	ΉY	37,000.00
123.		ULAR Chronic	
124.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER FOUNDATION SUPPORT FOR RESEARCH IN MICROELECTRONICS MSN ENGR ELEC & COM ENGR ELEC&COMP		
125.	ROGER TORY PETERSON INSTITUTE OF NATURAL JAMESTOWN, NY CRANE CONSERVATION IN CHINA, HONG KONG A MSN L&S ZOOLOGY		2,000.00
126.	CORNELL UNIVERSITY Ithaca, Ny Field insects research MSN Ag&lsc entomology	(133-L545)	500.00
127.	MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND-DEPARTME SUPPLIES AND EXPENSE	NTAL (133-L566)	650,000.00
128.	LUNAR RADIATION CORPORATION MADISON, WI 1-ALPHAHYDROXY VITAMIN D MSN AG&LSC BIOCHEMISTRY	(133-L597)	1,731.87

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129.	SQUIBB (E R) & SONS, INC. PRINCETON, NJ SURVIVAL AND VENTRICULAR ENLARGEMENT (SAV FOLLOWING MYOCARDIAL INFARCTION: EFFECT C CAPTOPRIL AWARD # 12,928-250 MSN HS-MED MEDICINE CARDIOLOGY	DF Second Second	2,500.00
130.			
	PRAIRIE ANT	(133-L683)	600.00
131.	BOEHRINGER INGELHEIM PHARMACEUTICALS, INC RIDGEFIELD, CT CATAPRES TTS	5. 1. (1997) - (199	
		(133-L726)	15,000.00
132.	WILSON (WOODROW) NATIONAL FELLOWSHIP FOUN PRINCETON, NJ	NDATION	
	CHARLOTTE NEWCOMBE FELLOWSHIP MSN GRAD	(133-L752)	31,500.00
133.	ANONYMOUS DONOR PATTERN CHARACTERISTICS IN THE SWING LIME MASTERS RUNNERS AND MECHANICS OF KNEE ACT REVERSAL		
	MSN EDUC PHYS ED & DANCE PHYS EDUC	(133-L753)	20,000.00
134.	IR. FRANS MEDDENS Holland Cucumber breeding		
	MSN AG&LSC HORTICULTURE	(133-L808)	2,500.00
135.	MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-01-87 THRU 08-31-88 AWARD # 87-1 MACKEDANZ		
	MSN ENV ST INSTRUCTNL PROG INSTR PROG	(133-L835)	2,924.06
136.	ADRIA LABORATORIES COLUMBUS, OH TOREMIFENE: PHASE 1 TOLERANCE, PHARMACOU PHARMACOKINETICS	DYNAMICS,	
	AWARD # 87092002 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-MO18)	14,425.65
137.	IGENE BIOTECHNOLOGY COLUMBIA, MD INCREASED PRODUCTION OF ASTAXANTHIN BY PHAFFIA RHODOZYMA		
	MSN AG&LSC FOOD MICRO&TOXIC	(133-MO36)	27,050.00

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138.	BELOIT MEMORIAL HOSPITAL BELOIT, WI NEPHROLOGY DEVELOPMENT RESEARCH MSN HS-MED MEDICINE NEPHROLOGY	(133-M167)	4,000.00
400			2019년 - 11월 11일 - 11일 12일 - 12일 - 12일 - 12일 - 12일 12일 - 12일 - 12일 - 12일 - 12일
139.	HURON MOUNTAIN WILDLIFE FOUNDATION CHICAGO, IL		
	HURON MOUNTAINS RESEARCH MSN L&S GEOL & GEOPHYSCS	(133-M199)	1,000.00
140.	MULTIPLE DONORS RICHARD E. SCHWERT MEMORIAL AWARD MSN L&S SOCIAL WORK	(133-M256)	100-00
1			
141.	MADISON, WI		
	QUALITY OF BEEF FROM HIGH-ENERGY-FED HOL STEERS		
	MSN AG&LSC MEAT& ANIMAL SCI	(133-M305)	8,750.00
142.			
	MADISON, WI AMERITECH FOUNDATION FELLOWSHIP PROGRAM FOR THE PERIOD 05-01-88 THRU 06-30-89 MSN GRAD EDUCATION CURR&INSTR	(133-M367)	12,107.00
143.	MADISON, WI IN VIVO SODIUM MRI IN A CANINE MODEL OF		
	STATUS EPILEPTICUS MSN HS-MED RADIOLOGY DIAGNOSTIC	(133-M388)	7,750.00
144.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN HUMATROPE AND LOW DOSE ESTROGEN IN TURNER'S SYNDROME AWARD # 13783D MSN HS-MED PEDIATRICS	(133-M479)	1 752 00
			1,752.00
145.	INTERNATIONAL BUSINESS MACHINES CORPORAT HOPEWELL JUNCTION, NY GRAIN BOUNDRY OXIDATION OF LEAD ALLOYS FOR THE PERIOD 01-01-88 THRU 12-31-88 AWARD # 00965 MSN ENGR MET & MIN ENGR		84,000.00
146.	MERCK SHARPE & DOHME RESEARCH LABORATORI	ES	
	RAHWAY, NJ Merck Postdoctoral Fellowship (cancelled Fund and account number was requested in		
	WAS PREVIOUSLY SET UP ON 133-M266) MSN L&S ZOOLOGY	(133-M6O6)	25,000.00-
147.	NATIONAL MULTIPLE SCLEROSIS SOCIETY NEW YORK, NY FUNCTIONAL CAPACITIES OF TRANSPLANTED MY CELLS FOR THE PERIOD 04-01-88 THRU 03-31		
	AWARD # RG 1990-A-2 MSN VET M MEDICAL SCIENCES	(133-M616)	2,404.00

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148. UNIVERSITY OF WISCONSIN FOUNDATION MADISON. WI BRAZILIAN STUDENT SUPPORT FOR THE PERIOD 03-16-88 THRU 06-30-89 IBERO-AMER (133-M634) 10,450.00 MSN L&S SPANISH & PORT 149. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BLOCK GRANT FOR CONTINUATION OF THE EXPERIMENT FOR SPONSORING LECTURES AND CULTURAL PROGRAMS IN 1988-89 MSN L&S SPANISH & PORT IBERO-AMER (133-M636) 12,000.00 150. WYETH LABORATORIES PHILADELPHIA, PA RANDOMIZED, DOUBLE-BLIND, CROSSOVER, DOSE-RANGING COMPARISON OF SINGLE DOSES OF INTRAVENOUS ANARITIDE AND PLACEBO IN THE TREATMENT OF REVERSIBLE AIR FLOW OBSTRUCTION MSN HS-MED MEDICINE ALLRGY&IMM (133-M657) 12,743.84 151. SEARLE (G.D.) & CO. SKOKIE, IL A MULTICENTRE, RANDOMISED, DOUBLE-BLIND PARALLEL GROUP DOSE RESPONSE STUDY OF MILACEMIDE IN PATIENTS WITH MOOD DISORDERS MSN HS-PSY PSYCHIATRIC INST (133-M661) 26,000.00 CONDUCT RESEARCH ON SOIL-BORNE PLANT PATHOGENS 152. WHICH INCLUDE CELERY, GINSENG, PEAS, BEANS AND CRUCIFERS MSN AG&LSC PLANT PATHOLOGY (133 - M707)WINROCK INTERNATIONAL 2,500.00 MORRILTON, AR 500.00 MICHIGAN STATE UNIVERSITY EAST LANSING, MI 3,000.00 153. BIOTECHNOLOGY AUSTRALIA PTY LTD. ROSEVILLE, NSW, AUSTRALIA PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY (133-M710) 2,500.00 154. BOEHRINGER INGELHEIM PHARMACEUTICALS THE WOODLAND, TX A 90-DAY PARALLEL GROUP COMPARISON OF INHALED IPRATROPIUM (ATROVENT) AND PLACEBO IN THE MAINTENANCE TREATMENT OF PATIENTS WITH ASTHMA ALLRGY&IMM (133-M759) MSN HS-MED MEDICINE 10.200.00 155. CIBA-GEIGY CORPORATION SUMMIT, NJ A DOUBLE-BLIND, COMPARATIVE STUDY OF PRINOMIDE (1500 Mg/D) VS. NAPROXEN (1500Mg/D) VS. PLACEBO IN PATIENTS WITH RHEUMATOID ARTHRITIS RHEUMATOL (133-M800) 3.630.00 MSN HS-MED MEDICINE

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- 156. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT FOR AGING RESEARCH MSN HS-MED MEDICINE HEMATOLOGY (133-M811) 3,000.00
- 157. PARKE-DAVIS ANN ARBOR, MI A MULTICENTER, DOUBLE-BLIND, PLACEBO-CONTROLLED, TWO-WEEK, CROSSOVER STUDY OF THE EFFICACY AND SAFETY OF PROCATEROL IN OUTPATIENTS WITH REVERSIBLE BRONCHIAL AIRWAY OBSTRUCTION MSN HS-MED MEDICINE ALLRGY&IMM (133-M858) 15,375.00
- 158. FOOTVILLE/ORFORDVILLE CHAMBER OF COMMERCE ORFORDVILLE, WI DOWNTOWN REVITALIZATION MSN AG&LSC NR-LANDSCAP ARCH (133-M917) 925.00
- 159. WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-23-88 THRU 09-02-88 AWARD # 88-11 VAN DEUREN MSN ENGR CIVIL & ENV ENGR (133-M935) 3,900.00
- 160. WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-23-88 THRU 09-02-88 AWARD # 88-11 KORTEBEIN MSN ENGR CIVIL & ENV ENGR (133-M936) 3,900.00
- 161. NEKOOSA PAPERS INC. PORT EDWARDS, WI EFFECTS OF PAPER INSUSTRY SLUDGE APPLICATION ON GROWTH AND NITROGEN CYCLING IN YOUNG RED PINE PLANATIONS MSN AG&LSC SOIL SCIENCE (133-M938) 15,700.00
- 162. WISC DEPT OF TRANSPORTATION MADISON, WI INVESTIGATING THE USE OF GROUND-PENETRATING RADAR FOR D.O.T. MATERIALS PROBLEMS FOR THE PERIOD 05-24-88 THRU 12-31-89 MSN L&S GEOL & GEOPHYSCS (133-M939) 42,992.00
- 163. SYNCHROTRON RADIATION RESEARCH CENTER TAIPAI, TAIWAN FABRICATION OF ABSORBER CHAMBER AND SHUTTER CHAMBER MSN GRAD PHY SCIENCES LAB (133-M940) 22,188.00

164. CAMPBELL SCIENTIFIC, INC. LOGAN, UT RESEARCH ON CROP ENVIRONMENT MEASUREMENTS AND INSTRUMENTATION MSN AG&LSC SOIL SCIENCE (133-M942) 3,750.00

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- 165. SYNTEX (U.S.A.), INC. PALO ALTO, CA TESTING OF RS-61443 IN THE DOG RENAL ALLOGRAFT MODEL MSN HS-MED SURGERY GEN SURG (133-M945) 5,000.00
 166. U.S. OLYMPIC COMMITTEE
- COLORADO SPRINGS, CO EFFICACY OF PSYCHOLOGIC MONITORING IN THE PREVENTION OF DISTRESS DURING OVERTRAINING MSN EDUC PHYS ED & DANCE PHYS EDUC (133-M946) 29,500.00
- 167. DSCAR MAYER FOODS CORP. MADISON, WI VITAMIN STUDIES FOR MAXIMIZING PERFORMANCE AND IMMUNITY OF TURKEYS MSN AG&LSC POULTRY SCIENCE (133-M947) 12,057.00
- 168. BIOMET, INC. WARSAW, IN EVALUATION OF WISCONSIN FEMORAL COMPONENT FOR TOTAL HIP ARTHROPLASTY MSN HS-MED SURGERY ORTHO SURG (133-M953) 7,820.00
- 169. WISC DEPT OF TRANSPORTATION MADISON, WI RIGHT-OF-WAY PLANTINGS FOR THE PERIOD 04-28-88 THRU 12-01-90 AWARD # 0072-01-03 MSN AG&LSC NR-LANDSCAP ARCH (133-M954) 21,120.00
- 170. GLAXO INC. RESEARCH TRIANGLE PARK, NC A DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED DOSE-RANGING STUDY OF THE EFFICACY AND SAFETY OF TWICE-DAILY INTRANASAL ADMINISTRATION OF AQUEOUS FLUTICASONE PROPIONATE IN ADULT PATIENTS WITH SEASONAL ALLERGIC RHINITIS MSN HS-MED MEDICINE ALLRGY&IMM (133-M956) 24,000.00
- 171. ADVANCED GENETIC SCIENCES OAKLAND, CA ICE CRYSTAL FORMATION IN A CONTINUOUS ICE CREAM FREEZER MSN AG&LSC FOOD SCIENCE (133-M957) 64,101.00
- 172. GEOPHYTA VICKERY, OH INFLUENCE OF HERBACEOUS SPECIES FOR ENERGY CROPS ON TOTAL NONSTRUCTURE CARBOHYDRATE CONCENTRATIONS IN HERBAGE MSN AG&LSC AGRONOMY (133-M958) 9,410.00
- 173. U.S. WINDPOWER, INC. BURLINGTON, MA ADVANCED MOTOR-GENERATOR AND POWER CONVERTOR TECHNOLOGY MSN ENGR ELEC & COM ENGR ELEC&COMP (133-M960) 45,500.00



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MUSCULAR DYSTROPHY ASSOCIATION 174. NEW YORK, NY POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-88 THRU 06-30-89 (133-M963) 25.000.00 MSN AG&LSC GENETICS DANE COUNTY PHARMACEUTICAL SOCIETY, INC. 175. MADISON, WI SCHOOL OF PHARMACY SCHOLARSHIP FUND MSN HS-PHR PHARMACY (133-M965) 250.00 NATIONAL DAIRY PROMOTION AND RESEARCH BOARD 176. ARLINGTON, VA CENTER FOR DAIRY RESEARCH FOR THE PERIOD 01-01-88 THRU 12-31-88 MSN AG&LSC DAIRY RESEARCH, C (133-M966) 500,000.00 WISC DEPT OF NATURAL RESOURCES 177. MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-06-88 THRU 09-02-88 AWARD # 88-1 PRINCL MSN AG&LSC NAT RSRCS- ADMIN (133-M967) 2,600.00 UNIVERSITY OF WISCONSIN FOUNDATION 178. MADISON, WI GRAINGER PROFESSORSHIP IN NUCLEAR ENGINEERING MSN ENGR NUC ENGR&E PHYSC (133-M968) 4,000.00 179. RESOURCES FOR THE FUTURE, INC. WASHINGTON, D.C. FRIENDS OF THE EARTH AS FRIENDS OF THE COURT: INTEREST GROUPS AS AMICUS CURIAE IN ENVIRONMENTAL LITIGATION AT THE SUPREME COURT FOR THE PERIOD OF 05-31-88 THROUGH 08-26-88 MSN ENV ST ENVIR POLICY ST (133-M970) 5,500.00 180. AMERICAN FOUNDATION FOR AIDS RESEARCH LOS ANGELES, CA RNA BINDING PROTEIN OF HIV FOR THE PERIOD 06-01-88 THRU 05-31-89 AWARD # 000685 MSN HS-MED PHYSIOLOG CHEM (133-M971) 60,000.00 ARTHRITIS FOUNDATION 181. WISCONSIN CHAPTER ATLANTA, GA POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 04-01-88 THRU 06-30-88 MSN L&S CHEMISTRY (133-M976) 5,000.00 182. EASTER SEAL RESEARCH FOUNDATION CHICAGO, IL A LONGITUDINAL STUDY TO QUANTITATIVELY ASSESS MUSCLE STRENGH IN POLIO SURVIVORS FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # R8629 MSN HS-MED REHABIL MEDICINE (133-M980) 23,134.00

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183. PAREXEL INTERNATIONAL CORPORATION CAMBRIDGE, MA AN EVALUATION OF ERYTHROPOETIN AS TREATMENT FOR CANCER OR TREATMENT-RELATED ANEMIA MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY (133-M981) 2,000.00 SHURE BROTHERS INCORPORATED 184. EVANSTON, IL INVESTIGATE THE APPLICATION OF DIGITIAL SIGNAL PROCESSING TECHNIQUES TO ACOUSTIC PROBLEMS IN TELECONFERENCING MSN ENGR ELEC & COM ENGR ELEC&COMP (133-M985) 49,140.00 WISC DEPT OF HEALTH AND SOCIAL SERVICES 185. MADISON, WI STUDY OF STATE EFFORTS TO PROMOTE LONG TERM CARE INSURANCE FOR THE PERIOD 01-01-88 THRU 06-30-89 ENGR EXPER STA HLTH SYS'S (133-M988) 104,198.00 MSN ENGR 186. COUNCIL FOR TOBACCO RESEARCH-U.S.A., INC. NEW YORK, NY METABOLISM OF LOW DENSITY LIPOPROTEIN FROM PIGS WITH LIPOPRETEIN MUTATIONS FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # 2077RI MSN AG&LSC BIOCHEMISTRY (133-M989) 66,981.00 COUNCIL FOR TOBACCO RESEARCH 187. NEW YORK, NY ROUTES OF ALVEOLAR FLOODING AND CLEARANCE FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # 1595AR2 MSN HS-MED PREVENTIVE MED (133-M990) 70,000.00 188. SEARLE SCHOLARS PROGRAM CHICAGO, IL PHASE-TRANSFER CONFORMATION AMPHIPHILES FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # 88-C-105 MSN L&S CHEMISTRY (133-M991) 60.000.00 INTRACORP 189. WAYNE, PA INTRACORP EMPLOYEE MORALE SURVEY (133 - M993)34,645.00 MSN EDUC REHAB PSYC&SP ED BRADLEY (LYNDE & HARRY) FOUNDATION 190. MILWAUKEE, WI A CONFERENCE ON EDUCATIONAL DECENTRALIZATION AND CHOICE: THE STATE OF THE ART FOR THE PERIOD 07-01-88 THRU 06-30-89 (133-NO01) 65,000.00 MSN L&S LAFOLLET PUBL AF UNIVERSITY OF WISCONSIN FOUNDATION 191. MADISON, WI BADGER CHEMIST FUND MSN L&S (133-N003) 2,000.00 CHEMISTRY

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192. WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI WATER RESOURCES MANAGEMENT 1988 SUMMER WOKSHOP PROJECT MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-N005) 6,000.00 193. CHILDS (JANE COFFIN) MEMORIAL FUND NEW HAVEN, CT POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 04-01-88 THRU 03-31-90 AWARD # 61-803 MSN HS-MED PHYSIOLOG CHEM (133-N006) 43,000.00 WISC DEPT OF HEALTH AND SOCIAL SERVICES 194. MADISON, WI STUDY OF STATE EFFORTS TO PROMOTE LONG TERM CARE INSURANCE FOR THE PERIOD 01-01-88 THRU 06-30-89 MSN HS-ADM ADMINISTRATION HLTH POLCY (133-NOO7) 31.143.00 195. ARTHRITIS FOUNDATION WISCONSIN CHAPTER WEST ALLIS, WI REACTIVE OXYGEN INTERMEDIATES IN RHEUMATOID ARTHIRITIS-ASSOCIATED INTERSTITIAL LUNG DISEASE FOR THE PERIOD 01-01-88 THRU 12-31-88 PULMON MED MSN HS-MED MEDICINE (133-N009) 5,000,00 196. ARTHRITIS FOUNDATION WISCONSIN CHAPTER WEST ALLIS, WI STUDIES OF MAST CELL PARTICIPATION IN ACUTE AND CHRONIC INFLAMMATORY ARTHRITIS IN RATS FOR THE PERIOD 01-01-88 THRU 12-31-88 MSN HS-MED MEDICINE RHEUMATOL (133-N010) 5,000.00 197. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW SCHOLAR 1988-1993 MSN GRAD AGR & LIFE SCI BIOCHEM (133-N013) 35,000.00 SIMON FRASER UNIVERSITY 198 CANADA R.H. WRIGHT AWARD MSN AG&LSC BIOCHEMISTRY (133-N016) 15,012.44 199. ARROW INTERNATIONAL, INC. READING, PA COMPARATIVE STUDY OF THE ARROW "HANDS-OFF" THERMODILUTION CATHETER FOR PREVENTION OF INFECTION WITH PULMONARY ARTERY CATHETERS MSN HS-MED MEDICINE INFECT DIS (133-N018) 17,000.00 200. MULTIPLE DONORS PAIN RESEARCH FUND MSN HS-MED NEUROLOGY (133-N019) 300.00

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- 201. PANDEX DIVISION OF BAXTER HEALTHCARE CORP. MINDELEIN, IL FLUORESCENCE-BASED DNA DIAGNOSTIC METHODS MSN L&S CHEMISTRY (133-N027) 195,150.00
- 202. PITMAM-MOORE, INC. NORTHBROOK, IL RECOGNITION OF BHV-1: TRANSFECTED VIRAL GENES, SYNTHETIC VIRAL PROTEINS AND EFFECTOR CELL FUNCTION MSN AG&LSC VETERINARY SCI (133-N031) 39,261.00
- 203. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF CHEMISTRY GRANT-IN-AID MSN L&S CHEMISTRY (133-0878) 25,000.00
- 204. STUDY OF BASIC AND CLINICAL ASPECTS OF EXPERIMENTAL FLUORINE TOXICOSIS MSN AG&LSC BIOCHEMISTRY (133-3220)
 - MONSANTO COMPANY 6,000.00 SODA SPRINGS, ID 6,000.00 EASTALCO ALUMINUM COMPANY FREDERICK, MD ALCAN ALUMINUM LIMITED 6,000.00 QUEBEC, CANADA ORMET CORPORATION 6,000.00 HANNIBAL, OH 5,000.00 MULTIPLE DONORS OCCIDENTAL CHEMICAL COMPANY 6,000.00 TAMPA, FL 6,000.00 STAUFFER CHEMICAL COMPANY TRUMBULL, CT

41,000.00

205. WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY (133-5014)

> 1,750.00 RHONE-POULENC AG COMPANY KALAMAZOO, MO 11,000.00 VALENT U.S.A. CORPORATION DALLAS CENTER, IA 5,000.00 ICI AMERICAS MADISON, WI

> > 17,750.00

6,000.00

206.	MCGRAW (MAX) WILDLIFE F DUNDEE, IL	OUNDATION		
	RESEARCH ON WILDLIFE MSN AG&LSC N R-WILDLIF	ECOL	(133-5127)	15,000.00
207.	IOWA STATE UNIVERSITY AMES, IA			
	STUDY OF THE DEVELOPMEN WATER MANAGEMENT SYSTEM			

UPPER MISSISSIPPI VALLEY MSN AG&LSC AG RES STATIONS (133-5139)

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- 208. MULTIPLE DONORS MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED (133-5671) 50.00
- 209. TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY (133-6855)

2,000.00	MOBAY CHEMICAL COMPANY
	INDIANAPOLIS, IN
800.00	PENWALT CORPORATION
	INDIANAPOLIS, IN

2,800.00

- 210. VALENT U.S.A. CORPORATION DALLAS CENTER, IA FRUIT INSECT CONTROL MSN AG&LSC ENTOMOLOGY (133-7294) 4,000.00
- 211. WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI INVESTIGATION OF THE EFFECT OF AGLIME ON SOILS & THE PRODUCTION OF CROPS MSN AG&LSC SOIL SCIENCE (133-8123) 16,200.00
- 212. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT CANCER RESEARCH IN THE CLINICAL CANCER CENTER MSN HS-MED HUMAN ONCOLOGY (133-9268) 33,000.00
- 213. HERD DEVELOPMENT AND DAIRY CATTLE BREEDING RESEARCH MSN AG&LSC DAIRY SCIENCE (133-9531)

800.00	LYNN BUDZAK
	MADISON, WI
200.00	DONALD G. BOEHM
	POYNETTE, WI

1,000.00

214. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUSION TECHNOLOGY PROGRAM MSN ENGR ENGR EXPER STA FUSION TEC (133-9977) 8,000.00

STUDENT AID

1. CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN D. TRUST SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR (TRUST) 7,016.61

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

2. CHRISTENSEN, MARVIN F. MILWAUKEE, WI LASKER, LOULA D.--FELLOWSHIPS (TRUST) URBAN & REG PLAN 500.00 MSN L&S 3. EARNINGS ON MISC. INVESTMENTS KDRESH, GEORGE--LOAN FUND MSN BUS SV BURSAR (TRUST) 171.88 4. GLANVILLE, PAUL R. M.D. \$ 100.00 TEMPE. AZ AVERBOOK, BERYL D. M.D., INC. TORRANCE, CA \$ 100.00 POSER, R.F. M.D. COLUMBUS, WI \$ 500.00 MEDICAL SCHOOL LOW COST LOAN FUND MSN HS-MED ADMINISTRATION DEANS OFFC (TRUST) 700.00 5. MULTIPLE DONORS BARAD, RICHARD M.--MEMORIAL FUND MSN HS-MED FAM MED & PRACT (TRUST) 150.00 6. DOD, ARMY RESEARCH TRIANGLE PARK, NC UNIVERSITY RESEARCH INITIATIVE PROGRAM: CENTER FOR ADVANCED PROPULSION SYSTEMS (FELLOWSHIP PROGRAM) FOR THE PERIOD 09-01-86 THROUGH 08-31-89 AT A TOTAL COST OF \$577,111.00 AWARD # DAAL-03-86G-0200, MOD. 2 MSN ENGR MECHANICAL ENGR (144 - Y481)295,250.00 7. WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI ARTHUR L WADSWORTH SCHOLARSHIP FUND MSN BUS SCH OF BUSINESS (135-0028) 1,500.00 8. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WILLIAM J. HAGENAH MEDICAL SCHOOL SCHOLARSHIP 800.00 MSN G SERV FELLOWS & SCHOLS (133-A562) 9. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DUANE MOWRY LEGAL SCHOLARSHIP FUND MSN LAW LAW SCHOOL (133-A696) 2.000.00 JOHN DEERE FOUNDATION 10. MOLINE, IL SCHOLARSHIP IN MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR (133-A754) 1.000.00 11. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WILLARD G. ASCHENBRENER AWARD MSN G SERV FELLOWS & SCHOLS (133-B423) 9,250.00

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

12. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LETTERS AND SCIENCE DEAN'S SCHOLARSHIP AWARD MSN G SERV FELLOWS & SCHOLS (133-C413) 6,000.00 13. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EMMA P. AND ANDREW KENTZLER SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-C860)1,950.00 14. MULTIPLE DONORS A. H. EDGERTON MEMORIAL FUND MSN EDUC GENERAL ADMIN DEAN'S OFF (133-D034) 100.00 15. WISCONSIN REALTORS ASSOCIATION MADISON. WI SCHOLARSHIP PROGRAM IN THE SCHOOL OF BUSINESS REAL ESTATE DEPARTMENT MSN BUS SCH OF BUSINESS (133-D424) 500.00 UNIVERSITY OF WISCONSIN FOUNDATION 16. MADISON, WI EVJUE FOUNDATION, INC./CAPITAL TIMES SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-D990) 5.050.00 UNIVERSITY OF WISCONSIN FOUNDATION 17. MADISON, WI NELLIE M. BUTT SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-E284) 5.300.00 UNIVERSITY OF WISCONSIN FOUNDATION 18. MADISON, WI GRANT SAWYER SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-F285) 5,000.00 UNIVERSITY OF WISCONSIN FOUNDATION 19. MADISON, WI IRMA L. NEWMAN SCHOLARSHIP MATHEMATICS MSN L&S (133-F304) 500.00 UNIVERSITY OF WISCONSIN FOUNDATION 20 MADISON, WI MARK INGRAHAM SCHOLARSHIP MSN L&S MATHEMATICS (133-F305) 1,500.00 UNIVERSITY OF WISCONSIN FOUNDATION 21. MADISON, WI FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR (133-F608) 40.000.00 22. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR (133-F609) 7,000.00 UNIVERSITY OF WISCONSIN - MADISON

23.	MADISON, WI MCELVAIN OUTSTANDING ACHIEVEMENT AWARDS	ΤΟ	
	GRADUATE STUDENTS MSN L&S CHEMISTRY	(133-F784)	125.00
24.	MADISON, WI		
	HORACE BEEBE SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-G148)	5,882.38
25.	MADISON, WI		
	ETHEL ODEGARD SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-G150)	3,953.00
26.	MADISON, WI		
	FT. ATKINSON ALUMNI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-G442)	900.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	EMMA AND WILLIAM GERDS SCHOLARSHIP FUND MSN G SERV FELLOWS & SCHOLS	(133-H010)	900.00
28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	JAMES JESINSKI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-H319)	1,500.00
29.	MADISON, WI		
	CHANCELLOR'S ACHIEVEMENT SCHOLARSHIP PRO MSN G SERV FELLOWS & SCHOLS	(133-H320)	1,500.00
30.	MADISON, WI		
	OLAV F. ANDERSON SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-J045)	5,214.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	KEITH B AND KATHERINE MCKY SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-J233)	2,000.00
32.	MADISON, WI		
	WISCONSIN POWER AND LIGHT FOUNDATION FEL FOR CANCER RESEARCH MSN HS-MED ONCOLOGY	(133-J349)	10.000.00
33.	AT & T BELL LABORATORIES		
	SHORT HILLS, NJ AT & T BELL LABORATORIES COOPERATION RES	EARCH	
	FELLOWSHIP PROGRAM MSN ENGR CHEMICAL ENGR	(133-J629)	369.90

UNIVERSITY OF WISCONSIN - MADISON

34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	IDA BELLE KNIGHTS SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-J750)	15,000.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	GRADUATE STUDENT SUPPORT IN THE DEPARTMEN	IT	
	OF GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSCS	(133-J815)	1,400.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	LANDGA CORPORATION/FISH BUILDING SCHOLARS		
	MSN G SERV FELLOWS & SCHOLS	(133-K032)	2,000.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	RUDOLPH E. AND NELLIE B. ANDERSON SCHOLAR	RSHIP (133-K033)	
	MSN G SERV FELLOWS & SCHOLS	(133-K033)	990.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	CARRIE & MERRILL HOGEBOOM SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-коз4)	500.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	DAVID C. SCOTT FOUNDATION SCHOLARSHIP		
	MSN G SERV FELLOWS & SCHOLS	(133-K039)	3,766.00
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	ANTHONY DE LORENZO SCHOLARSHIP	(400 4500)	
		(133-K590)	500.00
41.	LAURENT MAKWARD SCHOLARSHIP MSN G E A INTL STU & PROGS	(133-K718)	
	305.28 UNIVERSITY OF WISCONSIN MADISON, WI	FOUNDATION	
	294.72 MULTIPLE DONORS		
			600.00
42	UNIVERSITY OF WISCONSIN FOUNDATION		
74.	MADISON, WI		
	ALFRED L WILDS SCHOLARSHIPS MSN L&S CHEMISTRY	(133-K790)	2 000 00
		(133-K/SU)	2,000.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	DEAN OF STUDENTS EMERGENCY FUND		
	MSN G E A DEAN OF STUDENTS ADMIN	(133-L007)	1,600.00

UNIVERSITY OF WISCONSIN - MADISON

44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PERSIS GESSELL SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-L012)	150.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAURA LEE SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-L013)	50.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JOSEPH AND BEATRICE RAPKIN SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-L014)	875.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LORETTA COPELAND SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-L015)	450.00
48.	MULTIPLE DONORS FREDDIE GAGE MEMORIAL SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SH CRS SCH	(133-L074)	300.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PHILIP AND ETHEL FALK SCHOLARSHIP FUND MSN G SERV FELLOWS & SCHOLS	(133-L374)	7,025.00
50.	MADISON, WI PHILLIP OWENS MEMORIAL SCHOLARSHIP-LAW	(133-L498)	400.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WIGGINS CHARITABLE TRUST-LAW SCHOOL SCHOO MSN LAW LAW SCHOOL	LARSHIP (133-L514)	1,000.00
52.	WI ASSOCIATION OF EARTH SCIENCE CLUBS GREEN BAY, WI MUSEUM SCHOLARSHIP AND SUPPLY ALLOWANCES MSN L&S GEOL & GEOPHYSCS	(133-M941)	229.17
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BALLARD FAMILY FOUNDATION SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-M955)	1,000.00
54.	AMERICAN SOCIETY OF REAL ESTATE COUNSELO CHICAGO, IL 1988-89 SCHOLARSHIPS IN GRADUATE SCHOOL OF BUSINESS MSN BUS SCH OF BUSINESS	RS (133-M978)	4,000.00

UNIVERSITY OF WISCONSIN - MADISON

55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PRIZES AND AWARDS FOR STUDENTS MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-M995)	475.00
56.	MADISON, WI Margaret Rupp Cooper Scholarship fund		
57.	MSN L&S SCHOOL OF MUSIC NORTHWESTERN MUTUAL LIFE INSURANCE CO.	(133-NOO2)	5,000.00
	MILWAUKEE, WI SCHOLARSHIP IN ACTUARIAL SCIENCE MSN BUS SCH OF BUSINESS	(133-1085)	6,000.00
58.	HUMISTON-KEELING, INC MADISON DIVISIO MADISON, WI ASSISTANCE FOR STUDENTS INTERESTED IN BE		
	PHARMACISTS AND IN NEED OF FINANCIAL AID MSN HS-PHR PHARMACY		200.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DR. & MRS. EDWARD R. KNIGHT SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	AWARD (133-3817)	750.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TOBEY-KREGEL FUTURE TEACHERS SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	o (133-5150)	500.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARL AND THERESA HANSON WISCONSIN MERIT SCHOLARSHIP AWARD MSN G SERV FELLOWS & SCHOLS		4,018.50
62.			
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI OTTILIE REINKE SCHOLARSHIP AWARD		
64	MSN G SERV FELLOWS & SCHOLS UNIVERSITY OF WISCONSIN FOUNDATION	(133-6197)	1,596.20
	MADISON, WI	LARSHIP (133-6619)	18,600.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STEPHENSON SCHOLARSHIP FUND		
	MSN G SERV FELLOWS & SCHOLS	(133-7526)	990.00

UNIVERSITY OF WISCONSIN - MADISON

- 66. NICKERSON (FRANK AND ESTHER RHEA) MEMORIAL SCHOLARSHIP TRUST MADISON, WI FRANK AND ESTHER RHEA NICKERSON MEMORIAL SCHOLARSHIP (133-8354) 1,961.00 GENERAL OPERATNS ADMIN MSN ATH 67. UNDERGRADUATE ACTUARIAL SCHOLARSHIP FUND-HIGH SCHOOL SCHOLARSHIP PROGRAM SCH OF BUSINESS (133 - 8377)MSN BUS 945.00 MULTIPLE DONORS CUNA MUTUAL INSURANCE 630.00 MADISON, WI 1,575.00 68. WISCONSIN BELL MILWAUKEE, WI MINORITY ENGINEERING SCHOLARSHIP FUND MSN ENGR OPERATIONS (133-8953) 1,000.00 69. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NELL M. AND EDWARD P. MCFETRIDGE SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-9294) 500.00 UNRESTRICTED 1. MULTIPLE DONORS GI RESEARCH AND EDUCATION DISCRETIONARY FUND GASTROENT (133-M650) 100.00 MSN HS-MED MEDICINE 2. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED FUND FOR CIVAL AND ENVIRONMENTAL ENGINEERING 500.00 (133-M969) MSN ENGR CIVIL & ENV ENGR 3. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY ACCOUNT-HARLOW PRIMATE LAB PRIMATE LB (133-NO2O) MSN L&S PSYCHOLOGY 1.800.00 TOTAL MADISON 19,734,480.81 -------------126,322.25 EXTENSION AND PUBLIC SERVICE INSTRUCTION 1,586,709.00
 - INSTRUCTION
 1,350,703,703

 LIBRARIES
 11,279,83

 MISCELLANEOUS
 665,999,98

 PHYSICAL PLANT
 58,340.00

 RESEARCH
 16,768,846.11

 STUDENT AID
 514,583.64

 UNRESTRICTED
 2,400.00

UNIVERSITY OF WISCONSIN - MILWAUKEE

EXTENSION AND PUBLIC SERVICE

- WISCONSIN DEPARTMENT OF TRANSPORTATION MADISON, WI PRIME CONTRACTOR WITH TRANS PEER-TO-PEER NETWORK FOR RURAL SPECIALIZED TRANSPORTATION FOR THE PERIOD 01-17-88 THROUGH 01-17-90 MIL DOCE PRFNL RSORC DVLP TRANSPORTN (144-AF74) 12,054.00
- 2. WISCONSIN DEPARTMENT OF TRANSPORTATION MADISON, WI PRIME CONTRACTOR WITH TRANS DEVELOPMENT AND IMPLEMENTATION OF A STATE CLEARINGHOUSE FOR THE PERIOD 01-17-88 THROUGH 01-17-90 MIL DOCE PRFNL RSORC DVLP TRANSPORTN (144-AF75) 10,681.00
- 3. WISCONSIN DEPT. OF TRANSPORTATION MADISON, WI PRIME CONTRACTOR WITH TRANS PUBLICATION OF QUARTERLY NEWSLETTER, GRASSROUTES, FOR 1988 FOR THE PERIOD 01-17-88 THROUGH 01-17-89 MIL DOCE PRFNL RSORC DVLP TRANSPORTN (144-AF76) 12,375.00
- 4. WISCONSIN DEPARTMENT OF TRANSPORTATION MADISON, WI PRIME CONTRACTOR WITH TRANS VOLUNTEER DRIVER PROGRAM MANUAL FOR THE PERIOD 01-17-88 THROUGH 07-17-88 MIL DOCE PRFNL RSORC DVLP TRANSPORTN (144-AF77) 3,047.45

INSTRUCTION

- 1. DIVISION OF VOCATIONAL REHAB/DHHS MADISON, WI PRIME CONTRACTOR WITH DHHS ENHANCING SERVICES FOR HEARING IMPAIRED STUDENTS FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO FEH70703 PO SUPPLEMENT MIL AC AFF STU ACAD SUPPORT (144-Z614) 10,000.00
- 2. UWM FOUNDATION ACCT. 569.0 HENRY MAIER CHAIR IN URBAN STUDIES MILWAUKEE, WI THE HENRY W. MAIER PROFESSORSHIP IN URBAN STUDIES MIL L&S URBAN SOC INSTIT URB SOC I (133-M937) 4,114.00
- 3. INROADS/MILWAUKEE, INC. MILWAUKEE, WI INROADS PRE-COLLEGIATE PROGRAM FOR MINORITIES FOR THE PERIOD 06/01/88 THROUGH 05/31/89 MIL DOCE OUTRCH & CE ADM OR&CEU ADM (133-M952) 35,000.00

UNIVERSITY OF WISCONSIN - MILWAUKEE

MISCELLANEOUS

- 1. LAIKIN, GEORGE AND SYLVIA TRUST MILWAUKEE, WI LAIKIN, GEORGE AND SYLVIA--PRIZE (MILW) MIL L&S ADMINISTRATION (TRUST) 50.00
- 2. EDUCATION, DEPT OF WASHINGTON, DC VETERANS EDUCATION OUTREACH PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # Q008712541 MIL STU AF OFF OF REGISTRAR (144-AB31) 167.00
- 3. VETERANS ADMINISTRATION MILWAUKEE, WI VETERANS ADMINISTRATION OVERHEAD FOR THE PERIOD 07-01-78 THROUGH 12-31-99 AWARD # CHECK ND. 308551339895 & MIL STU AF OFF OF REGISTRAR (144-M701) 14.50
- 4. SOCIAL WELFARE MASTER ACCOUNT UWM FOUNDATION ACCOUNT #545 SOCIAL WELFARE MASTER ACCOUNT MIL S WELF SOC WELFARE ADMN (133-C662) 1.000.00 5. UWM FOUNDATION
- MILWAUKEE, WI WORLD CITIES COMPETITION MIL ARC&UP ADMINISTRATION ADMIN (133-L783) 40,000.00 6. VARIOUS DONORS
- MILWAUKEE, WI SUMMER EVENINGS OF MUSIC MIL F ARTS ADMINISTRATION ADMIN (133-M757) 257.00
- 7. MULTIPLE DONORS SCHOOL OF EDUCATION DEAN'S DISCRETIONARY FUND MIL EDUC ADMINISTRATION (133-2764) 300.00

PHYSICAL PLANT

- 1. HOUSING AND URBAN DEVELOPMENT, DEPT OF WASHINGTON, DC 1988/89 INSTALLMENT, INTEREST SUBSIDY GRANT FOR THE CONSTRUCTION OF SANDBURG RESIDENCE HALLS-NORTH TOWER. FOR THE PERIOD 12-01-71 THROUGH 06-01-99 AWARD # CH WIS 133 (D) MIL ADM AF ASST CHAN OFFICE 51,364.00
- 2. HOUSING AND URBAN DEVELOPMENT, DEPT OF WASHINGTON, DC 1988/89 INSTALLMENT, INTEREST SUBSIDY GRANT FOR CONSTRUCTION OF THE STUDENT UNION ADDITION. FOR THE PERIOD 12-01-71 THROUGH 06-01-99 AWARD # CH WIS 134(S) MIL ADM AF ASST CHAN OFFICE 114,744.50







UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

- 1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH ROCKVILLE, MD MEDICAL TECHNOLOGY DECISIONS IN HOSPITALS: CHANGES SINCE 1980 FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 1R01 HS 06065-01 MIL GRAD URBAN RESRCH CTR (144-AK34) 116,472.00 2. IIT RESEARCH INSTITUTE/NAVY CHICAGO, IL PRIME CONTRACTOR WITH DOD NAVY EFFECT OF ELF FIELDS ON SELECTED WETLAND FUNCTIONS ELF COMMUNICATIONS PROGRAM-ENVIRONMENTAL MONITORING PROGRAM FOR THE PERIOD 11-01-87 THROUGH 10-31-88 AWARD # E06595-88-C-008MOD 1 MIL L&S BIOLOGICAL SCI (144-X362) 52,033.00 3. NATIONAL SCIENCE FOUNDATION WASHINGTON, DC IN SUPPORT OF THE FOLLOWING: 1) NONDESTRUCTIVE ELECTRICAL CHARACTERIZATIONS OF MATERIALS AT MICROWAVE FREQUENCIES FOR THE PERIOD 07-01-88 THROUGH 12-31-89 AWARD # ECS-8717857 MIL ENG&AS ELEC ENGR&COMP S ELEC ENGR& (144-AJ83) 42,609.00 2) CHARACTERIZATION OF MAGNETIC FILMS FOR THE DEVELOPMENT OF SAW DEVICES FOR THE PERIOD 06-01-86 THROUGH 11-30-89 AWARD # ECS-8519695-02 MIL L&S PHYSICS (144-X918) 62,546.00 4. TRANSPORATION, DEPT OF MCLEON, VA COST DATA FOR HIGHWAY MAINTENANCE MANAGEMENT SYSTEMS (RESEARCH FELLOWSHIP) FOR THE PERIOD 07-01-88 THROUGH 07-01-89 AWARD # DTFH61-88-P-40008 MIL ENG&AS URBN TRANS RES C (144-AJ47) 21.000.00 5. UWM FOUNDATION, ACCT. NO. 318.0 (HARVEY D. WILMETH) MILWAUKEE, WI DISCRETIONARY USE FOR RESEARCH AND SPECIAL
- PROJECTS MIL L&S ECONOMIC EDUC (133-G400) 3,000.00 6. UWM FOUNDATION #842.0 MILWAUKEE, WI DISCRETIONARY FUND@ MIL L&S ANTHROPOLOGY (133-G403) 200.00
- 7. FLOW SYSTEMS INC. KENT, WA STIPEND FOR DISCRETIONARY RESEARCH PURPOSES MIL ENG&AS IND & SYSTS ENGR (133-K994) 2,000.00



UNIVERSITY OF WISCONSIN - MILWAUKEE

8.	WISCONSIN ELECTRIC POWER CO. MILWAUKEE, WI PROTECTIVE THIN FILM PROJECT AWARD # CHECK NO. 135379 MIL L&S PHYSICS	(133-K999)	26,444.00
9.	REMCON MEDENIR, OHIO JET CUTTING SAMPLE AWARD # CHECK NO 1678 MIL ENG&AS MECHANICAL ENGR	(133-L540)	275.00
10.	THE NITRAGIN COMPANY INC. MILWAUKEE, WI DEMILCO RESTORATION PROJECT, TO FURTHER AND PROVIDE GRADUATE STUDENT SUPPORT MIL L&S BIOLOGICAL SCI	RESEARCH (133-L606)	10,600.00
11.	MADISON, WI FEASIBILITY OF INCREASING AQUATIC PLANT IN LAC LA BELLE AND OKAUCHEE LAKE (YEAR FOR THE PERIOD 06/01/88 THROUGH 01/01/89 AWARD # NRH 97207	II)	3,000.00
12.	UWM FOUNDATION MILWAUKEE, WI STRATEGIC MANAGEMENT AND BUSINESS POLICY MIL BUS AD MGMNT RESRCH CTR		8,372.00
13.	MARY LYNNE PERILLE COLLINS MILWAUKEE, WI BIOLOGICAL SCIENCES DEPARTMENT CHAIR ACC (SLOANE) MIL L&S BIOLOGICAL SCI	OUNT (133-M292)	25.00
14.	UNDCAL CORPORATION BREA, CA STUDIES ON ZEOLITE CHEMISTRY AWARD # SKA: 88-21/CK. #8147 MIL GRAD LAB FOR SURF STU	(133-M930)	3,580.00
15.	L.S.B. LEAKEY FOUNDATION PASADENA, CA ACTUALISTIC STUDIES OF FIRE ON CONTEMPOR AFRICAN LANDSCAPES FOR THE PERIOD 05/20/88 THROUGH 08/31/89 MIL L&S ANTHROPOLOGY		4,000.00
16.	UWM FOUNDATION MILWAUKEE, WI SPECIAL RESEARCH PROJECT-CHILDHOOD DEVEL MIL F ARTS ADMINISTRATION ADMIN		17,598.88

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

17. J.W.K. HARRIS MILWAUKEE, WI ACTUALISTIC STUDIES OF FIRE ON CONTEMPORARY AFRICAN LANDSCAPES FOR THE PERIOD 05/26/88 THROUGH 12/15/89 AWARD # CHECK #654 MIL L&S ANTHROPOLOGY (133-M950) 1,339.00 18. WAUKESHA COUNTY TECHNICAL COLLEGE PEWAUKEE, WI STRUCTURAL CHANGE IN THE MILWAUKEE ECONOMY FOR THE PERIOD 12/15/87 THROUGH 12/15/88 AWARD # CHECK #103853 MIL GRAD URBAN RESRCH CTR (133-M951) 3.000.00 19. SAGE PUBLICATIONS NEWBURY PARK, CA JOURNAL ROYALTIES FROM ECONOMIC DEVELOPMENT QUARTERLY AWARD # CHECK ND. 16236 MIL GRAD URBAN RESRCH CTR (133-M972) 2,471.25 20. UNIVERSITY OF WISCONSIN-MILWAUKEE FOUNDATION (PRIME GRANTOR-ST LUKES MEDICAL CENTER/WALTER SCHROEDER FOUNDATION MILWAUKEE, WI WALTER SCHROEDER CHAIR RESEARCH SUPPORT FOR THE PERIOD 01/01/88 THROUGH 08/31/88 (133-M973) MIL NURS ADMIN DEAN 9,700.00 21. WILLIAM F. VILAS TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSOR OF ENGLISH AND COMPARATIVE LITERATURE FOR THE PERIOD 07/01/88 THROUGH 06/30/89@ MIL L&S ENGLISH (133-M974) 40,000.00 22. WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI BASELINE DATA ACQUISITION ON STATE NATURAL AREAS FOR THE PERIOD 06/02/88 THROUGH 12/31/88 AWARD # P.O. NRH 97213 MIL L&S BIOLOGICAL SCI (133-N029) 4.635.00

STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # PO08802948 MIL STU AF FINANCIAL AID PROV'L&SUP (148-B088) 43,758.00

UNIVERSITY OF WISCONSIN - MILWAUKEE

STUDENT AID

- 2. EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-87 THROUGH 06-30-89 AWARD # ROO8802948 MIL STU AF FINANCIAL AID PROV'L&SUP (144-Z665) 18,480.00
- 3. UWM FOUNDATION MILWAUKEE, WI MEN'S BASKETBALL SCHOLARSHIP MIL STU AF INTRCOL ATHL-MEN BASKETBALL (133-M593) 4,403.00

TOTAL MILWAUKEE

796,709.58

EXTENSION AND PUBLIC SERVICE	38,157.45
INSTRUCTION	49,114.00
MISCELLANEOUS	41,788.50
PHYSICAL PLANT	166,108.50
RESEARCH	434,900.13
STUDENT AID	66,641.00

GIFTS, GRANTS AND CONTRACTS JULY 8, 1988

UNIVERSITY OF WISCONSIN - EAU CLAIRE

RESEARCH

- 1. RESEARCH CORPORATION TUCSON, AZ INVESTIGATIONS OF UPHILL TRANSPORT MEMBRANES USING MICROVOLTAMMETRIC ELECTRODES FOR THE PERIOD 05-20-88 THRU 09-30-89 AWARD # C-2510 EAU ART&SC CHEMISTRY (133-8061) 9,770.00 2. RESEARCH CORPORATION
- TUCSON, AZ SYNTHESIS OF ENDODENTATE MACROCYCLIC THIDETHERS FOR THE PERIOD 05-20-88 THRU 05-31-89 AWARD # C-2528 EAU ART&SC CHEMISTRY (133-8064) 8,195.00
- 3. RESEARCH CORPORATION TUCSON, AZ RAPID FLUORESCENT PROBE DETECTION OF AMPHOTERICIN B-INDUCED ION FLUXES FOR THE PERIOD 05-20-88 THRU 05-31-89 AWARD # C-2533 EAU ART&SC CHEMISTRY (133-8065) 6,771.00 24,736.00

TOTAL EAU CLAIRE

RESEARCH

24,736.00

UNIVERSITY OF WISCONSIN - GREEN BAY

MISCELLANEOUS

	MISCELLANEOUS 5.5	508.00	
	TOTAL GREEN BAY		25,223.44
1.	MULTIPLE DONORS STUDENT FINANCIAL AID FUND-UWGB GBY ST AID FEL & SCHOL-AOG	(133-6986)	55.00
STUDENT AID			
4.	FORT HOWARD PAPER COMPANY GREEN BAY, WI EAST RIVER DEMONSTRATION PROJECT GBY I RES LAND&WATER STUDY	(133-M997)	15,000.00
3.	FULD (HELENE) HEALTH TRUST NEW YORK, NY COMPUTER ASSISTED INSTRUCTION MATERIALS FOR THE PERIOD 05-11-88 THRU 12-31-88 GBY H BIOL NURSING	(133-M984)	4,110.00
2.	MCINTOSH (THOMAS H) GREEN BAY, WI SOILS AND LAND HUSBANDRY GBY ENV SC SCI & ENVIR CHG	(133-K877)	500.00
1.	GOLDSBY (ALICE I) GREEN BAY, WI GREEN BAY SEDIMENTATION STUDY GBY ENV SC SCI & ENVIR CHG	(133-G492)	50.44
RES	EARCH		
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COFRIN ARBORETUM DIRECTOR'S GRANT GBY COM PR GENERAL	(133-K756)	2,256.00
2.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COFRIN MEMORIAL ARBORETUM GBY FCL PL ADMINISTRATION	(133-B653)	3,052.00
1.	MULTIPLE DONORS SPECIAL EVALUATION PROJECTS GBY H BIOL HUMAN DEVELOPMNT	(133-4512)	200.00



5,508.00 19,660.44 55.00

UNIVERSITY OF WISCONSIN - PARKSIDE

INSTRUCTION

1. EDUCATION, DEPT OF WASHINGTON, DC STUDENT SUPPORT SERVICES FOR DISADVANTAGED STUDENTS AT THE UNIVERSITY OF WISCONSIN-PARKSIDE FOR THE PERIOD 08-01-88 THROUGH 08-31-89 AWARD # GOO8740429 PKS G E A CHANCELLORS OFF A-C-ST-AFF (144-AK13) 101,639.00

MISCELLANEOUS

- 1. CORPORATE IMAGES, INC. RACINE, WI VICE-PRESIDENT-MARKETING AND PLANNING (VPMP) FOR DOMINICAN HEALTH CARE, INC. (DHC) SEARCH PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-K880) 300.00
- 2. MULTIPLE DONORS CENTER FOR SURVEY AND MARKETING RESEARCH PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-M131) 3,500.00

- 1. IIT RESEARCH INSTITUTE CHICAGO, IL PRIME CONTRACTOR WITH DOD NAVY A STUDY OF THE EFFECT OF EXPOSING THE SLIME MOLD PHYSARUM POLYCEPHALEN TO ELECTRO MAGNETIC FIELDS AT THE CLAM LKE TEST FACILITY FOR THE PERIOD 11-01-87 THROUGH 10-31-88 AT A TOTAL COST OF \$26,530.00 AWARD # E06595-88-C-009, MOD. 1 PKS SC&SOC SCIENCE BIOLOG SCI (144-AD71) 22,468.00
- 2. NATIONAL SCIENCE FOUNDATION WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
- 1) MATHEMATICAL SCIENCES: LINEAR GROUPS OVER FIELDS GENERATED BY NILPOTENT GROUP RINGS AND ENVELOPING ALGEBRAS FOR THE PERIOD 06-01-88 THROUGH 11-30-90 AWARD # DMS-8802634 PKS SC&SOC SCIENCE MATH (144-AJO3) 39,000.00
- 2) PARTNERSHIP OF INDUSTRY AND EDUCATION TO IMPROVE ELEMENTARY SCIENCE INSTRUCTION FOR THE PERIOD 07-01-88 THROUGH 12-31-89 AWARD # TPE-8751686 PKS SC&SOC SCIENCE BIOLOG SCI (144-AK22) 224,890.00
- 3. JOYCE FOUNDATION CHICAGO, IL TEACHING FOR EXCELLENCE IN A MULTICULTURAL SOCIETY: AN EXPANSION OF THE "FELLOWS" MODEL FOR THE PERIOD 09-01-88 THRU 08-31-89 PKS G E A CHANCELLORS OFF ADMIN (133-M992) 53,399.00

UNIVERSITY OF WISCONSIN - PARKSIDE

RESEARCH

4. RAINFAIR INC.	
RACINE, WI	
A STRATEGIC MARKETING PLAN	BUS MGMNT (133-N017) 3.600.00
PKS MOD IN BUS & ADMIN SCI	BUS MGMINT (133-NUT7) 3,000.00

STUDENT AID

1.	MULTIPLE DONORS MUSIC SCHOLARSHIPS PKS BUS SV FELLOWS & SCHOLS	(133-C489)	330.00
2.	MULTIPLE DONORS SCIENCE DIVISION FACULTY SCHOLARSHIP PKS BUS SV FELLOWS & SCHOLS	(133-GO71)	553.00
3.	UW PARKSIDE BENEVOLENT FOUNDATION, INC. KENOSHA, WI ALUMNI ANNUAL FUND PKS BUS SV FELLOWS & SCHOLS	(133-G893)	500.00
4.	MULTIPLE DONORS ACCOUNTING PROGRAM SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS	(133-G954)	75.00
5.	MULTIPLE DONORS ENGLISH SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS	(133-J044)	285.10
6.	MULTIPLE DONORS PARKSIDE SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS	(133-9472)	10.00
	TOTAL PARKSIDE	1일, 영상, 1일, 1일 - 전문 1일, 1일, 특	450,549.10

INSTRUCTION	101,639.00
MISCELLANEOUS	3,800.00
RESEARCH	343,357.00
STUDENT AID	1,753.10

UNIVERSITY OF WISCONSIN - RIVER FALLS

GIFT-IN-KIND

1. MIKE PRINCE ANTIGO, WI BAMBI SIS BAR, A MARE QUARTER HORSE FOALED IN 1975 RVF AGRIC LABORATORY FARMS

TOTAL RIVER FALLS

.00

UNIVERSITY OF WISCONSIN - STEVENS POINT

GIFT-IN-KIND

1. HAZLETON LABORATORIES MADISON, WI VARIAN MAT 112 GAS CHROMATOGRAPH/MASS SPECTOMETER AND ASSOCIATED DATA SYSTEM. STP COLS CHEMISTRY

INSTRUCTION

- 1. INTERIOR, DEPT OF ODANAH, WI INTERNSHIP AGREEMENT WITH THE GREAT LAKES INDIAN FISH AND WILDLIFE COMMISSION FOR THE PERIOD 06-13-88 THROUGH 09-02-88 STP CONR NATURAL RESOURCS NAT RESRCS (144-0957) 1,608.00
- 2. WI DEPT OF NATURAL RESOURCES MADISON, WI INTERNSHIPS WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES FOR THE PERIOD 01-01-88 THRU 06-30-89 AWARD # 88-10 STP CONR DEAN OF NAT RES DEAN NAT R (133-0910) 90,000.00
- 3. STEVENS POINT WATER & SEWAGE COMMISSION STEVENS POINT, WI INTERNSHIP AGREEMENT WITH THE STEVENS POINT WATER AND SEWAGE COMMISSION FOR THE PERIOD 05-16-88 THRU 09-02-88 STP CONR DEAN OF NAT RES DEAN NAT R (133-0928) 5,120.00
- 4. WARZYN ENGINEERING MADISON, WI ROUTINE LAB WORK AND FIELD DUTIES AS ASSIGNED FOR THE PERIOD 05-16-88 THRU 09-02-88 STP CONR DEAN OF NAT RES DEAN NAT R (133-0929) 3,840.00
- 5. VILLAGE OF PLOVER PLOVER, WI INTERNSHIP AGREEMENT WITH THE VILLAGE OF PLOVER FOR THE PERIOD 05-16-88 THRU 09-02-88 STP CONR DEAN OF NAT RES DEAN NAT R (133-0939) 2,560.00
- 6. FOND DU LAC COUNTY PLANNING & ZONING DEPARTMENT FOND DU LAC, WI INTERNSHIP AGREEMENT WITH FOND DU LAC COUNTY PLANNING & ZONING DEPARTMENT FOR THE PERIOD 05-16-88 THRU 09-02-88 STP CONR DEAN OF NAT RES DEAN NAT R (133-0943) 2,850.00
 7. MARATHON COUNTY LAND CONSERVATION DEPARTMENT WANCAU WY
- WAUSAU, WI INTERNSHIP AGREEMENT WITH MARATHON COUNTY LAND CONSERVATION DEPARTMENT FOR THE PERIOD 05-16-88 THRU 09-02-88 STP CONR DEAN OF NAT RES DEAN NAT R (133-0946) 7,040.00

UNIVERSITY OF WISCONSIN - STEVENS POINT

INSTRUCTION

PEST BROS., INC 8. PLAINFIELD, WI INTERNSHIP AGREEMENT WITH PEST BROS., INC. FOR THE PERIOD 05-23-88 THRU 09-02-88 STP CONR NATURAL RESOURCS NAT RESRCS (133-0947)6.750.00 SEYMOUR COOPERATIVE 9. SEYMOUR, WI INTERNSHIP AGREEMENT WITH SEYMOUR COOPERATIVE FOR THE PERIOD 05-16-88 THRU 09-02-88 STP CONR DEAN OF NAT RES DEAN NAT R (133-0948) 3,000.00 RIB MOUNTAIN METRO SEWAGE DISTRICT 10. WAUSAU, WI INTERNSHIP AGREEMENT WITH RIB MOUNTAIN SEWAGE DISTRICT FOR THE PERIOD 05-16-88 THRU 09-02-88 STP CONR NATURAL RESOURCS NAT RESRCS (133-0960) 3.200.00 11. PROGRESSIVE FARMERS COOP GREENLEAF, WI INTERNSHIP AGREEMENT WITH PROGRESSIVE FARMERS COOPERATIVE FOR THE PERIOD 05-16-88 THRU 09-01-88 STP CONR NATURAL RESOURCS NAT RESRCS (133-0961) 3,000.00 12. CITY OF BELOIT WASTEWATER TREATMENT FACILITY BELOIT, WI ROUTINE WASTEWATER PLANT ACTIVITIES FOR THE PERIOD 05-16-88 THRU 09-02-88 STP CONR NATURAL RESOURCS NAT RESRCS (133-0962) 3,040.00 13. WI DEPT OF NATURAL RESOURCES MADISON, WI POPULATION GENETIC STRUCTURE OF LAKE WHITEFISH IN WISCONSIN WATERS OF LAKE MICHIGAN FROM TWO RIVERS AND SOUTH FOR THE PERIOD 01-01-88 THRU 06-30-89 AWARD # NRH 96151 STP CONR COOP FISH UNIT (133 - 4619)8,700.00 14. MULTIPLE DONORS STEVENS POINT. WI CENTRAL WISCONSIN WRITING PROJECT FOR THE PERIOD 06-01-88 THRU 05-31-89 STP AC SUP STU ASSISTANCE ACAD A CTR (133-6520) 15,493,00 MAX MCGRAW WILDLIFE FOUNDATION 15. DUNDEE, IL INTERNSHIP WITH THE MAX MCGRAW WILDLIFE FOUNDATION FOR THE PERIOD 05-01-88 THRU 09-30-88 NATURAL RESOURCS NAT RESRCS (133 - 8462)6,077.00 STP CONR 16. GOLDEN SANDS R. C. & D. STEVENS POINT, WI INTERNSHIP AGREEMENT WITH GOLDEN SANDS R. C. & D. FOR THE PERIOD 04-11-88 THRU 11-01-88 NATURAL RESOURCS NAT RESRCS (133-8503) STP CONR 4,360.00

UNIVERSITY OF WISCONSIN - STEVENS POINT

INSTRUCTION

- JACOBSON CROP AND SOIL CONSULTANTS 17. STEVENS POINT, WI INTERNSHIP AGREEMENT WITH JACOBSON CROP AND SOIL CONSULTANTS FOR THE PERIOD 05-23-88 THRU 09-02-88 STP CONR NATURAL RESOURCS NAT RESRCS (133-8504) 3,000.00 18. WAUGAMIE F. S. COOP BEAR CREEK, WI INTERNSHIP WITH WAUGAMIE F. S. COOP FOR THE PERIOD 05-16-88 THRU 09-02-88 STP CONR NATURAL RESOURCS NAT RESRCS (133-8505) 3,600.00 19. ONEIDA COUNTY PLANNING AND ZONING RHINELANDER, WI ROUTINE DUTIES OF PLANNING AND ZONING DEPARTMENT FOR THE PERIOD 05-23-88 THRU 08-19-88 NATURAL RESOURCS NAT RESRCS (133 - 8506)2,244.00 STP CONR 20. T & H AGRI. CHEMICALS PALINFIELD, WI INTERNSHIP WITH T & H AGRI. CHEMICALS FOR THE PERIOD 06-01-88 THRU 08-31-88 5.550.00 STP CONR NATURAL RESOURCS NAT RESRCS (133-8508) 21. PAVELSKI ENTERPRISES AMHERST JUNCTION, WI INTERNSHIP AGREEMENT WITH PAVELSKI ENTERPRISES FOR THE PERIOD 05-03-88 THRU 09-02-88 STP CONR NATURAL RESOURCS NAT RESRCS (133-8509) 2.520.00 22. FREEDOM AG. COOP FREEDOM, WI INTERNSHIP WITH FREEDOM AG. COOP FOR THE PERIOD 05-16-88 THRU 09-01-88 STP CONR NATURAL RESOURCS NAT RESRCS (133-8511) 3,500.00 RESEARCH WI DEPT OF NATURAL RESOURCES 1. MADISON, WI NON-POINT SOURCE BIOTIC INDEX MONITORING PROGRAM FOR THE PERIOD 12-01-87 THRU 12-31-88 AWARD # NRH 96139, MOD. 1 5,680.00 STP CONR NATURAL RESOURCS NAT RESRCS (133-8406)
 - 2. WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI A DEMONSTRATION OF LOW INPUT STRATEGIES FOR POTATO/VEGETABLE PRODUCTION ON IRRIGATED SANDS FOR THE PERIOD 04-01-88 THRU 03-31-90 AWARD # 8810 STP CONR NATURAL RESOURCS NAT RESRCS (133-8442) 24,118.00

UNIVERSITY OF WISCONSIN - STEVENS POINT

STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-89 THROUGH 06-30-87 AWARD # PO08702959, MOD. 3 STP STU LI FINANCIAL AIDS BASIC OP G (148-2209) 41,279.00 TOTAL STEVENS POINT 258,129.00

INSTRUCTION	187,052.00
RESEARCH	29,798.00
STUDENT AID	41,279.00

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

- 1. WI BRD OF VOC TECH & ADULT EDUCATION MADISON, WI THINKING SKILLS IN THE VTAE CLASSROOM FOR THE PERIOD 03-01-88 THROUGH 06-30-88 AWARD # 30.103.150.408 STD I&TECH CTR FOR VTAE CTR VTAE (144-0524) 2,000.00-
- 2. MYRTLE WERTH MEDICAL CENTER MENOMONIE, WI ASSIST IN TRAINING OF VOLUNTEERS IN HOSPICE CARE AND TO PROVIDE ASSISTANCE WITH FAMILY EVALUATIONS IN CONJUNCTION WITH HOSPICE SERVICE OF THE MENOMONIE AREA FOR THE PERIOD 04-15-88 THRU 05-31-89 AWARD # 9220-1-A-88 STO H ECON HUMAN DEVELOPMNT HUMAN DEV (133-0481) 7,994.00
- 3. MINNESOTA MINING AND MANUFACTURING ST PAUL, MN 3M GRANT FOR THE SUPPORT OF STOUT VOCATIONAL REHABILITATION INSTITIUTE FOR THE PERIOD 11-01-87 THRU 06-30-88 AWARD # 4345-1-A-88 STO ED&H S INSTIT RES & DEV INST R&D A (133-0486) 2,500.00
- 4. KNIGHTS OF COLUMBUS MENOMONIE, WI FUNDS FOR CONFERENCE OF THE DEVELOPMENTALLY DISABLED FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # 5022-1-A-88 STO ET&PS EXTENSION ADMIN NON-CR OTR (133-0690) 1,000.00

INSTRUCTION

- 1. MILWAUKEE AREA TECHNICAL COLLEGE MILWAUKEE, WI PRIME CONTRACTOR WITH DED IMPROVE TEACHER QUALIFICATIONS AND SKILLS IN SCIENCE AND TECHNOLOGY CONCEPTS THAT APPLY TO THE COMMERCIAL MARKET FOR THE PERIOD 06-01-88 THROUGH 08-31-88 AWARD # 9177-1-B-88 STO I&TECH IND & MARKETG ED (144-0645) 7,191.00
- 2. STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI PLASMA THERMAL SPRAY MACHINE PROJECT ASSISTANCE FOR THE PERIOD 03-01-88 THRU 02-28-89 AWARD # 1352-1-A-87 STO I&TECH MATLS & PROCS'S MAT & PROC (133-0348) 6,804.00
- 3. STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI FUNDS TO BE USED FOR THE CENTER FOR CRAFTSMANSHIP FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # 1334-1-B-88 STO I&TECH MATES & PROCS'S MAT & PROC (133-0375) 1,500.00

Holm of Cyrup

UNIVERSITY OF WISCONSIN - STOUT

INSTRUCTION

- 4. STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI DAHLGREN PROFESSORSHIP TO SUPPORT PROFESSIONAL ACTIVITIES FOR THE PERIOD 07-01-88 THRU 06-30-90 AWARD # 3255-1-A-88 STO LIB ST SOCIAL SCIENCE (133-0428) 7,500.00
- 5. STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI PURCHASE NECESSARY RESOURCES FOR REGULAR EDUCATORS TUTORING SPECIAL NEEDS CHILDREN IN THE COURSE "CLINICAL EXPERIENCES WITH HANDICAPPED YOUTH" FOR THE PERIOD 07-01-87 THRU 06-30-88 STO ED&H S EDUCATION (133-0464) 25.00

MISCELLANEOUS

- 1. ESTATE OF NELLIE YODER EAU CLAIRE, WI FUNDS TO BE USED FOR HUMAN RESOURCES DEVELOPMENT FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # 7158-1-A-88 STO G E A CHANCELLORS OFF (133-0520) 5,000.00
- 2. STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI HORMEL PROFESSORSHIP FUNDS TO BE USED FOR TRAVEL TO VOCATIONAL, TECHNICAL AND ADULT EDUCATION CONFERENCES FOR THE PERIOD 07-01-88 THRU 06-30-90 AWARD # 1410-1-A-88 STO I&TECH IND & MARKETG ED (133-0565) 5,000.00

RESEARCH

- WI BRD OF VOC TECH & ADULT EDUCATION MADISON, WI PRIME CONTRACTOR WITH DED LINKING VOCATIONAL EDUCATION TO BUSINESS/INDUSTRY TRAINING NEEDS FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # 30.102.150.319 STO I&TECH CTR FOR VTAE CVTAE-RES (144-0526) 31,370.00
- 2. WI DEPT OF PUBLIC INSTRUCTION MADISON, WI PRIME CONTRACTOR WITH DED WISCONSIN DPI WORK EXPERIENCE HANDBOOK FOR THE PERIOD 05-01-88 THROUGH 06-30-89 AWARD # PAH02842 STO I&TECH CTR FOR VTAE CVTAE-RES (144-0578) 37,363.00

UNIVERSITY OF WISCONSIN - STOUT

RESEARCH

- 3. STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI BITNET CONNECTION FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # 8059-2-A-88 STO LIB RE COMPUTER SUPPORT (133-0396) 17,000.00
- 4. CARMICHAEL-LYNCH ADVERTISING COMPANY MINNEAPOLIS, WI MINNESOTA IMAGE STUDY FOR THE PERIOD 01-01-88 THRU 07-01-88 AWARD # 2206-1-A-88 STO H ECON HABITATNL RESRCS (133-0463) 5,000.00
- 5. SPECIALTY PACKAGING GROUP, INC WAUSAU, WI DEVELOP NEW CLOSURE TECHNOLOGY FOR PACKAGING FOR THE PERIOD 06-13-88 THRU 06-30-89 STO I&TECH CTR INVTN&DEVEL (133-0640) 114,846.00

STUDENT AID

1. AGENCY FOR INTERNATIONAL DEVELOPMENT WASHINGTON, DC TUITION AND FEE FUNDS FOR STUDENTS RECEIVING AID FROM NIGERIA FOR THE PERIOD 09-01-87 THROUGH 08-30-88 AWARD # SOD/N-0225 STO ST AST AGENCY INTL DEV (144-0593) 159,430.65 TOTAL STOUT 407,523.65

EXTENSION AND	PUBLIC	SERVICE	9,494.00
INSTRUCTION			23,020.00
MISCELLANEOUS			10,000.00
RESEARCH			205,579.00
STUDENT AID			159,430.65

UNIVERSITY OF WISCONSIN - WHITEWATER

GIFT-IN-KIND

- 1. MARTHA VAN STEENDEREN WHITEWATER, WI ONE FULL SIZE VIOLIN OF GERMAN ORIGIN ONE FULL SIZE VIOLIN BOW OF GERMAN ORIGIN / WTW C ARTS MUSIC
- 2. ZENITH DATA SYSTEMS CHICAGO, IL TWO (2) MODEL 248 ZENITH MICRO COMPUTERS WTW BUS&EC
- 3. JEFFREY MORIN LINDSBORG, KS LITHOGRAPH -" TEMPTATION " TO PERMANENT COLLECTION IN CROSSMAN GALLERY WTW C ARTS ART
- 4. JAMES ROWE CAMBRIDGE, WI CLAY MATERIALS WTW C ARTS ART
- 5. JAMES OLSON LAKE MILLS, WI BEAR SKULL GIVEN TO THE BIOLOGY DEPARTMENT TO BECOME A PART OF THEIR TEACHING COLLECTION. WTW L&S BIOLOGY

INSTRUCTION

- EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:
- 1) PROJECT "BETTER" BILINGUAL EDUCATION PROGRAM - PERSONNEL TRAINING FOR THE PERIOD 10-01-88 THROUGH 09-30-89 AWARD # GOO8635296-88 WTW EDUC CURRIC & INSTR CURR&INSTR (144-1021) 74,306.00
- 2) SPECIAL NEEDS TRANSITIONAL TRAINING PROGRAM FOR PREPARATION OF SPECIAL EDUCATORS OF THE HANDICAPPED FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # GOO8630190-88 WTW EDUC SPECIAL EDUC SPEC EDUC (144-1023) 52,130.00
- 3) MULTICATEGORICAL TEACHER TRAINING PROGRAM FOR TRAINING OF TEACHERS IN SPECIAL EDUCATION FOR THE PERIOD 07-15-88 THROUGH 07-14-89 AWARD # GOO8715058 WTW EDUC SPECIAL EDUC SPEC EDUC (144-1024) 49,958.00

TOTAL WHITEWATER

176,394.00

INSTRUCTION

176,394.00

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

- 1. MARY ELLEN YOUNG WAUKESHA, WI ARCHITECTURAL BOOKS CNS WAUK LIBRARY ADMIN
- 2. JOHN A. MAIER BARABOO, WI TWENTY-NINE-LP BAND RECORDS CNS B-SAUK MUSIC
- 3. MRS. SANDI ZILLMER WAUKESKA, WI WILLIAM BAKER CUSHING OF THE U.S. NAVY, EDWARDS. NEELY, 1896: DARKNESS AND DAYLIGHT OR SACRIFICE. HOLMES, HEROIC WOMEN OF HISTORY. WATSON & POTTER, 1861: THE MONEY MOON. CNS WAUK LIBRARY ADMIN
- MARY ELLEN YOUNG WAUKESHA, WI
 1 VIDEO & 2 BOOKS: ANSEL ADAMS PHOTOGRAPHER, PACIFIC ARTS VIDEO, 1986. FALLINGWATER: FRANK LLOYD WRIGHT COUNTRY HOUSE, KAUFMANN, 1986. TINY HOUSES, WALKER, 1987. CNS WAUK LIBRARY ADMIN
- 5. KATE THATER WAUKESHA, WI BOOKS: CAPTIVE BRIDE, FINCH, 1987. THE FLAME AND THE FLOWER, WOODIWISS, 1972. HEART'S POSSESSION, GREGORY, 1987. SEASON'S OF THE HEART, FREEMAN, 1987. TEXAS PROMISES BOOK I: DREAMS AT DAWN, 1987, LINDQUIST. CNS WAUK LIBRARY ADMIN
- 6. MARY JO MINEAU NEW BERLIN, WI THE PROMULGATION OF UNIVERSAL PEACE. ABDU'1-BAHA. 1982 CNS WAUK LIBRARY ADMIN
- 7. BETH JOZWIAK
 WAUKESHA, WI
 LATIN AMERICAN-UNITED STATES RELATIONS. FEDERICO
 G. GIL. (JOVANOVICH, 1971)
 CNS WAUK LIBRARY ADMIN
- 8. LUTZ HOLZNER MILWAUKEE, WI SOVIET GEOGRAPHY IN OUR TIME. UNIVERSITY OF WISCONSIN-MILWAUKEE, 1987 CNS WAUK LIBRARY ADMIN
- 9. FAYE FLESIA WAUKESHA, WI 51 BOOKS CNS WAUK LIBRARY ADMIN



UNIVERSITY OF WISCONSIN - CENTER SYSTEM

LIBRARIES

CNS FD LAC LIBRARY		ADMIN	(133	3-M962)	300.00
LIBRARY ACQUISITIC	DNS				
INDIANAPOLIS, IN					
1. DYER, SID L					

MISCELLANEOUS

	WISCONSIN HUMANITIES COMMITTEE MADISON, WI PRIME CONTRACTOR WITH NEH THE AGE OF ROMANTICISM FOR THE PERIOD 05-02-88 THROUGH 11-30-88 AWARD # FY88-17L CNS FD LAC ENGLISH	(144-AH81)	906.50
2.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI PRIME CONTRACTOR WITH NEH LOWER WISCONSIN RIVER REGIONAL HERITAGE FOR THE PERIOD 06-03-88 THROUGH 01-31-89 AWARD # FY88-28 (H) CNS RICH LIBERAL STUDIES WI RIVER	(144-AK10)	7,830.00
3.	NORTHWEST AIRLINES ST PAUL, MN LAIRD FINE ARTS FUND CNS MARSH COMMUNICATN ARTS	(133-L337)	1,000.00
4.	MULTIPLE DONORS DRAMA DONOR FUND CNS MARSH STUDENT AFFAIRS DRAMA PROD	(133-L410)	250.00
5.	GRANT, KEN Barabod, WI Purchase of Rescue Annie's CNS B-Sauk Athletics	(133-M964)	25.00
6.	MCCLINTOCK, MARQUERITE SUMMIT, NJ TREE PURCHASES FOR MEMORIALS CNS BARRON PHYSICAL PLANT GRDS MAINT	(133-M999)	75.00

RESEARCH

1. UW-SHEBOYGAN COUNTY FOUNDATION, INC. SHEBOYGAN, WI APPLE MACINTOSH PURCHASE CNS SHEBOY ADMINISTRATION PRTG& PUBL (133-M998) 1,000.00 TOTAL CENTER SYSTEM 11,386.50

LIBRARIES		300.00
MISCELLANEOUS		10,086.50
RESEARCH		1,000.00

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

- WISCONSIN FARM PROGRESS DAYS, INC. MADISON, WI COVER BUSINESS EXPENSES RELATED TO FARM PROGRESS DAYS EXT COOP E AGRIC & AGRI-BUS AG& AG-BUS (133-H356) 1,369.00
- 2. EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI PRODUCTION OF WISCONSIN MAGAZINE FOR FY88 FOR THE PERIOD 07-01-87 THRU 06-30-88 AT A \$419,500 LEVEL EXT TELCOM WHA TELEVISION (133-L885) 13,500.00
- 3. MILWAUKEE COUNTY MILWAUKEE, WI SALARY SUPPORT FOR PROFESSIONAL AND PARAPROFESSIONALS FOR THE PERIOD 01-01-88 THRU 12-31-88 EXT COOP E CO&AREA OFC-S E (133-M503) 95,617.00
- 4. FY 89 PROGRAM UNDERWRITING EXT TELCOM WHA TELEVISION (133-M807)
 - 5,000.00 HOME SAVINGS MADISON, WI 3,200.00 FANTASIA YOUTH CENTER MADISON, WI 1,000.00 UNPAINTED FURNITURE MART MADISON, WI 600.00 PET PLUS MADISON, WI 1,500.00 VONDRA ENGRAVING, INC. MADISON, WI

11,300.00

5. WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI IMPROVING FARM PROFITABILITY AND GROUNDWATER QUALITY WITH MANURE TESTS FOR THE PERIOD O6-03-88 THRU 12-31-90 AWARD # 8807 EXT COOP E CO&AREA OFC-N E (133-M931) 4,763.00

GIFT-IN-KIND

1. IMATEX COMMUNICATIONS, INC. MONTREAL, QUEBEC CANADA ICS-3500 IMAGE CAPTURE SOFTWARE EXT TELCOM DIRECTOR'S OFFIC TELECM LAB



UNIVERSITY OF WISCONSIN - EXTENSION

MISCELLANEOUS

1. WISCONSIN HUMANITIES COMMITTEE (EXT) EXT GEA SV W HUMANITIES COM (TRUST)

3,920.00	SONS OF NORWAY FOUNDATION	
	MINNEAPOLIS, MN \$ 500.00	
	MULTIPLE DONORS \$ 3420.00	
500.00	FOX VALLEY FAMILY PRACTICE RES.	
	APPLETON, WI	
	MEECE, TERRENCE L.	

4,420.00

2. HERSHBERGER, DR. J.E. & MARION KETTERING, OH WISCONSIN HUMANITIES COMMITTEE (EXT) EXT GEA SV W HUMANITIES COM (TRUST) 250.00

RESEARCH

- INTERIOR, DEPT OF RESTON, VA COGEOMAP - GEOLOGIC MAP OF RACINE AND KENOSHA COUNTIES, WISCONSIN FOR THE PERIOD 06-01-88 THROUGH 05-31-90 AWARD # 14-08-0001-A0529 EXT G&NH S WIS GEOL&NAT HST W G&N HIST (144-AH37) 20,300.00
 WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI
- JEFFERSON COUNTY CONSERVATION TILLAGE DEMONSTRATION PROJECT FOR THE PERIOD O6-03-88 THRU 12-31-90 AWARD # 8828 EXT COOP E C&AREA OFC-SOUTH (133-M932) 7,938.00
- 3. WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI DEMONSTRATING CONSERVATION TILLAGE, NUTRIENT MANAGEMENT, AND INTERGRATED PEST MANAGEMENT ON SHEBOYGAN COUNTY FARMS FOR THE PERIOD O6-03-88 THRU 10-31-90 AWARD # 8804 EXT COOP E CO&AREA OFC-S E (133-M933) 21,690.00
- 4. WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI ESTABLISH REALISTIC FORAGE YIELD GOALS FOR REALISTIC FORAGE FERTILIZATION FOR THE PERIOD 06-03-88 THRU 11-30-90 AWARD # 8815 EXT COOP E CO&AREA OFC-N E (133-M934) 7,247.00

UNIVERSITY OF WISCONSIN - EXTENSION

RESEARCH

5.	WISCONSIN EARLY CHILDHOOD ASSOCIAT MADISON, WI SCHOOL AGE CHILD CARE PLANNING & D GRANT		
	EXT COOP E C&AREA OFC-NORTH	(133-M994)	1,494.00
6.	PUBLIC BROADCASTING SERVICE ALEXANDRIA, VA WINDS OF CHANGE: THE INDIANS' EST FOR THE PERIOD 05-01-88 THRU 03-31 EXT TELCOM WHA TELEVISION	-90	150,000.00
	TOTAL EXTENSI	DN =:	339,888.00
	EXTENSION AND PUBLIC SERVICE MISCELLANEOUS RESEARCH	126,549.00 4,670.00 208,669.00	





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UNIVERSITY OF WISCONSIN - CENTRAL ADMINISTRATION

MISCELLANEOUS

1.	EARNINGS ON MISC. INVESTMENTS MARCUS. MARVIN FUND		
		(RUST)	354.17
	TOTAL CENTRAL ADMINIST	RATION	354.17

MISCELLANEOUS

354.17

JULY 8, 1988 GIFTS, GRANTS AND CONTRACTS SUMMARY ITEMS PROCESSED 05-21-88 THROUGH 06-17-88

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL	
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	354	-0-	-0-	-0-	-0-	354	
CENTER SYSTEM	-0-	-0-	300	10,087	-0-	1,000	-0-	-0-	11,387	
EAU CLAIRE	-0-	-0-	-0-	-0-	-0-	24,736	-0-	-0-	24,736	
EXTENSION	126,549	-0-	-0-	4,670	-0-	208,669	-0-	-0-	339,888	
GREEN BAY	-0-	-0-	-0-	5,508	-0-	19,660	55	-0-	25,223	
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	- o -	-0-	
MADISON	126,322	1,586,709	11,280	666,000	58,340	16,768,846	514,584	2,400	19,734,481	
MILWAUKEE	38,157	49,114	-0-	41,789	166, 109	434,900	66,641	-0-	796,710	
ознкозн	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
PARKSIDE	-0-	101,639	-0-	3,800	-0-	343,357	1,753	-0-	450,549	
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
STEVENS POINT	-0-	187,052	-0-	-0-	-0-	29,798	41,279	-0-	258,129	
STOUT	9,494	23,020	-0-	10,000	-0-	205,579	159,431	-0-	407,524	
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
WHITEWATER	-0-	176,394	-0-	-0-	-0-	-0-	-0-	-0-	176,394	
TOTAL JUL 1988	300,523	2,123,928	11,580	742,207	224,449	18,036,546	783,742	2,400	22,225,374	
PREVIOUSLY REPORTED	13,892,264	18,136,164	617,109	14,512,181	1,668,089	213,297,554	55,422,699	386,682	317,932,742	
GRAND TOTAL	14,192,786	20,260,092	628,689	15,254,388	1,892,538	231,334,100	56,206,441	389,082	340, 158, 117	
TOTAL JUL 1987	298,908	3,268,006	2,425	798,280	385,899	18,710,554	18,386,657	2,000	41,852,728	
PREVIOUSLY REPORTED	25,429,529	16,288,606	747,529	11,209,546	2,029,735	198,605,822	56,396,043	206,058	310,912,868	
GRAND TOTAL	25,728,437	19,556,612	749,954	12,007,826	2,415,633	217,316,376	74,782,700	208,058	352,765,596	
FEDERAL TOTAL JUL 1988	36,157	1,866,116	-0-	110,194	224,449	13,749,818	558,198	-0-	16,544,932	
PREVIOUSLY REPORTED	4,168,761	16,276,372	-0-	2,849,287	1,465,724	157,738,560	51,063,869	-0-	233,562,573	
FEDERAL GRAND TOTAL	4,204,918	18,142,488	-0-	2,959,481	1,690,172	171,488,378	51,622,067	-0-	250,107,505	
FEDERAL TOTAL JUL 1987	230,469	3,007,123	-0-	153,214	385,899	13,278,030	17,374,347	-0-	34,429,081	
PREVIOUSLY REPORTED	4,404,552	12,399,423	108,950	2,882,159	1,387,771	148,713,981	52,375,716	-0-	222,272,551	
FEDERAL GRAND TOTAL	4,635,021	15,406,546	108,950	3,035,373	1,773,669	161,992,011	69,750,063	-0-	256,701,632	

The University of Wisconsin System Policy and Guidelines Applying to Nondiscrimination on the Basis of Disability

INTRODUCTION

The mission of the University of Wisconsin System is to develop human resources, to discover and disseminate knowledge, to extend knowledge and its application beyond the boundaries of its campuses, and to serve and stimulate society by developing in students heightened intellectual, cultural, and humane sensitivities; scientific, professional, and technological expertise; and a sense of purpose.

Students with disabilities must be fully enfranchised members of the educational community. The Board of Regents recognizes that traditional methods, programs and services are not always appropriate or sufficient to accommodate the limitations experienced by some qualified persons with disabilities.

PART I -- POLICY STATEMENT

It shall be the policy of the Board of Regents of The University of Wisconsin System to ensure that no qualified person shall, solely by reason of disability, be denied access to, participation in, or the benefits of, any program or activity operated by The University of Wisconsin System. Each qualified person shall receive the accommodations needed to ensure equal access to educational opportunities, programs and activities in the most integrated setting appropriate.

PART II -- GUIDELINES FOR POLICY IMPLEMENTATION -- PROCEDURES

UW System Administration:

- 1) The President of The University of Wisconsin System shall establish and appoint an Advisory Committee to provide information and recommendations relating to the needs and concerns of persons with disabilities.
- 2) The President of The University of Wisconsin System shall identify a person within System Administration to serve as a coordinator of accommodations for students with disabilities, to act as a resource person and as staff to the President's Advisory Committee, and a liaison to other funding agencies.

UW Institutions:

- 1) Each Chancellor shall identify an individual or office to coordinate and advocate for the needs of qualified applicants and students with disabilities.
- 2) Each Chancellor shall establish and appoint an Advisory Committee to provide information and recommendations relating to the needs and concerns of persons with disabilities.

3) Each institution shall have or develop the following:

- a) procedures by which a student or applicant may disclose the presence of a handicapping condition and request the accommodations or auxiliary aids he/she believes are requisite for obtaining equal access to, participation in, or the benefits of University programs and activities when necessary;
- b) procedures by which confirmation of the student's disability and assessment of the appropriateness of the requested accommodations or auxiliary aids will be made;
- c) procedures by which approved accommodations or auxiliary aids can be arranged or obtained;
- d) procedures by which the provision of interim funding for auxiliary aids may be considered while the student's application is being reviewed by the Division of Vocational Rehabilitation;
- e) procedures by which denied requests may be appealed.

These procedures shall be provided to the student or applicant in the most appropriate format, i.e., written, Braille, audio-taped.

- 4) Each institution shall have or establish such record keeping procedures as are necessary to document institutional responses to requests for accommodation and auxiliary aids and shall document the enrollment of students with disabilities receiving accommodations or auxiliary aids and report in a standard format to the Board of Regents annually on their nature and extent. Data from these reports will be used to project future funding requirements.
- 5) Each institution shall provide reasonable accommodations to qualified students with disabilities to ensure access to educational opportunities, programs and activities in the most integrated setting.
- 6) Each institution shall provide access to regular in-service training for faculty and staff to develop fuller awareness and understanding of the needs of students with disabilities.

Students with disabilities:

- 1) Each student shall be expected to make timely and appropriate disclosures and requests (at least 8 weeks in advance of a course, workshop, program, or activity for which accommodation is requested), and to engage in appropriate and responsible levels of self-help in obtaining and arranging for accommodations or auxiliary aids, including applying for funding for specialized support services from the Division of Vocational Rehabilitation.
- 2) Each student may be required to submit medical or other diagnostic documentation of disability and limitations and may be required to participate in such additional evaluation of limitations as may appropriately be required prior to receiving requested accommodations.

3) Each student shall first seek the funding for specialized support services through the Division of Vocational Rehabilitation. 1

PART II -- GUIDELINES FOR POLICY IMPLEMENTATION -- PROGRAM ACCESSIBILITY 2

General

Qualified persons may not be denied the benefits of or be excluded from participation in any University program or activity because University facilities are inaccessible to, or unusable by, persons with disabilities.

Existing Facilities

Each program or activity should be operated so that, when reviewed in its entirety, it is readily accessible to qualified persons with diabilities, through means such as

- ° Redesign of equipment/facility after individual case review.
- ° Providing appropriate signage.
- Reassignment of classes, staff, or services to accessible buildings.
- Delivery of health, advisory, and support services at accessible sites.

Providing one or two accessible outside entries to a building makes entrance to the building itself accessible; it is not required that every outside entry be accessible. Structural changes in existing facilities are not required where other methods provide program accessibility.

Priority should be given to methods that offer programs and activities to persons with disabilities in the most integrated setting appropriate. Evacuation procedures should be developed by each institution for persons with disabilities.

If sufficient relocation of classes, programs or activities is not possible using existing facilities, structural alterations to ensure program accessibility should be made. Students may not be excluded from a specifically requested course offering, program or other activity because it is not offered in an accessible location. Every section of a specifically requested course or program, however, need not be made accessible.

Remodeling projects must be consistent with the State of Wisconsin's "Survey Guideline for Determining Building Accessibility" or the Uniform Federal Accessibility Standards, whichever promotes greater accessibility, and Federal and State codes.

- *DVR* funds such items as transportation to the institution, tuition, text books, hearing aids, and other individually prescribed devices, and the UW System does not.
- 2 Portions of this section are modified from the <u>University of California Guidelines Applying to</u> <u>Nondiscrimination on the Basis of Handicap</u>, 1983.

New Construction

Facilities, or parts of facilities, constructed for the use of the University must be designed and built so that they and their parts are readily accessible to and usable by persons with disabilities. New construction must be planned in accordance with the State of Wisconsin's "Survey Guideline for Determining Building Accessibility" or the Uniform Federal Accessibility Standards, whichever promotes greater accessibility.

Off-Campus Programming

Since UW Extension and university outreach frequently hold classes, programs or activities in private facilities, they should take steps to use facilities which are accessible. Contractual or lease agreements should reflect efforts to ensure accessibility. It is the responsibility of the prospective enrollee to make known the need for any special accommodation or auxiliary aids. All registration forms should provide a place for the applicant to identify special needs (e.g., physical accessibility, interpreter, large print), so that notification takes place before the enrollment deadline and facilitates the needed accommodations.

PART II -- GUIDELINES FOR POLICY IMPLEMENTATION -- EDUCATIONAL PROGRAMS AND ACTIVITIES ³

Recruitment. Admissions and Registration

Qualified persons may not, on the basis of disability, be denied admission to, enrollment in, or participation in University programs or activities, or be discriminated against in admissions or recruitment.

Admissions or Enrollment:

- 1) The number or proportion of persons with disabilities who will be admitted or enrolled may not be limited solely on the basis of disability.
- 2) Before admissions/placement tests are selected and administered, campuses first should assure that:
 - a) Tests are selected and administered so as best to ensure that the test results reflect the applicant's aptitude or achievement level, or whatever other factor the test purports to measure, rather than reflecting the applicant's disability (except where those skills are the factors that the test purports to measure).

3 Portions of this section are modified from the <u>University of California Guidelines Applying to</u> Nondiscrimination on the Basis of Handicap, 1983.

- b) Those tests designed for persons with a disability are available as regularly and in as timely a manner as are other admissions tests. It is the responsibility of the individual taking the test to make special needs known before the specified test registration deadline.
- c) Tests are administered in facilities that, on the whole, are accessible to persons with disabilities.
- 3) Inquiries as to whether applicants for admission/registration are disabled may not be made except for purposes of providing appropriate accommodation. It is the responsibility of the enrollee to make special needs known at least 8 weeks in advance of a course, workshop, program or activity for which accommodation is sought. Confidential postadmission inquiries regarding disabilities that may require accommodation are permissible.

Treatment of Students and Participants in University Programs or Activities

In implementing the policy to ensure access to extracurricular or educational programs or activities offered by the University, all programs and activities will be conducted in the most integrated setting appropriate. Programs not wholly operated by the University that require student participation in education activities or internships (for example, in connection with student teaching assignments) should assure that these activities, as a whole, provide an equal opportunity for the participation of qualified persons with disabilities.

Nondiscriminatory insurance plans and health services should be provided to qualified students with disabilities. A student health center must provide the same types and levels of service for all students, nondisabled and disabled. In addition, student health centers should be prepared to provide students with disabilities with information about where specialized health services may be obtained if the services are not provided at the center.

Academic Adjustment

ACADEMIC REQUIREMENTS-- Academic requirements should be modified, as necessary, to ensure that they do not discriminate against qualified applicants or students with disabilities. These modifications should not affect the substance of the educational programs or compromise educational standards, nor should they intrude upon legitimate academic freedom. Modifications may include changes in the length of time permitted for the completion of degree requirements (including credit load), substitution of specific courses required for the completion of degrees, and adaptation of the manner in which specific courses are conducted. For example, a campus may permit an otherwise qualified student who is deaf to request a program change that would substitute an appropriate history, international education, literature in translation, or cultural studies class for a foreign language requirement.

Academic requirements that are essential to programs of instruction (e.g., a French major or minor) or to any directly related licensing requirement (e.g., licensing for nursing) are not regarded as discriminatory.

PROGRAM EXAMINATIONS AND EVALUATIONS-- Examinations or other procedures for evaluating students' academic achievement should be adapted to permit evaluating the achievement of students who have a disability; the results of the evaluation must represent the students' achievement in the program or activity, rather than reflecting the students' disability. It is the student's responsibility to request test accommodation at enrollment time or at the beginning of the program/course according to the procedures outlined by the institution. Testing accommodation may include but need not be limited to:

0	enlarged materials	0	preferential seating (front, etc.)
0	oral test	o	alternate format (black/white copy)
0	taped test	ο	writer
0	extended time	0	computer-assisted
0	reader	0	brailled material

° environment free of distractions

ACADEMIC SUPPORT SERVICES-- No qualified student or participant in a University program or activity should be denied the benefits of, be excluded from participation in, or be otherwise discriminated against because of the absence of educational support services. Some student services are available through academic deans' offices, dean of students offices, or centers or persons designated to provide them for all students. These may include such services as academic and career advising, counseling, and remedial or tutorial programs. All students can avail themselves of these services when needed. In addition, accommodations and educational auxiliary aids should be available for qualified students with disabilities; they include, but need not be limited to:

° special parking

° registration assistance

- ° referral to appropriate on- or off-campus resources, services, or agencies
- reader services
- ° notetaker services
- ° interpreter services for the deaf, including assistance in arranging DVR funded interpreter
- ° arrangements for specialized auxiliary aids, including tapes and brailled materials
- ° assistance in finding needed attendants
- ° supplemental orientation
- mobility assistance referrals

As long as no qualified person with a disability is excluded from a program because of the lack of an appropriate service, such support need not be on hand at all times. It is the responsibility of the individual to request the necessary accommodation or auxiliary aid at least 8 weeks before classes, programs, or activities begin. If a different time period is needed to arrange accommodations, this will be stated in admission/registration materials.

Prohibitions against the use of tape recorders (see Regent Resolution 1556) or braillers in classrooms, or dog guides in campus buildings, or other rules that have the effect of limiting the participation of qualified students in education programs or activities, may not be imposed.

Students or participants in University programs or activities may be required to sign an agreement that they will not release tape recordings or transcriptions of lectures, or otherwise hinder the ability of a professor to obtain a copyright (Regent Resolution 1556).

Physical Education, Athletics, and Similar Activities

Institutions may not discriminate on the basis of disability in physical education, athletics, and similar programs and activities. Qualified disabled students or participants in University programs or activities should be provided with an equal opportunity to participate in physical education courses, intercollegiate and intramural athletics or other similar activities. For example, a student in a wheelchair could not be denied the opportunity to enroll in a regular archery course, nor could a deaf student be excluded from participating in a wrestling course.

Students who cannot participate in regularly offered physical education courses or who cannot compete in athletic programs due to disability may be offered physical education and athletic activities that are separate or different, provided that the programs and activities are operated in the most integrated setting appropriate. If accommodation is not possible in a required course, a procedure for obtaining a substitution should be available.

Housing

ON-CAMPUS HOUSING-- If a University provides on-campus housing/food service for nondisabled students, comparable, convenient, and accessible on-campus housing/food service should be provided at the same cost to qualified students with disabilities.

OFF-CAMPUS HOUSING-- If a listing of off-campus housing is provided by any university office, it should identify units that are accessible.

Financial Aid

The University may not provide less financial assistance to students with disabilities than is provided to nondisabled students, limit their eligibility for assistance, or otherwise discriminate against them. Financial aid awards should recognize the special needs of students with disabilities, including the possible need for reducing credit loads or extending the time allowed to complete graduation requirements. The University may not assist any entity or person that provides financial assistance to any students in a manner that discriminates against qualified students on the basis of disability.

The University may administer financial aids which are established under wills, or other legal instruments that require awards to be made on the basis of factors that discriminate only if the overall effect of the award of the financial assistance is not discriminatory on the basis of disability.

Student Employment

Employment through university programs should not discriminate against qualified students solely on the basis of disability.

Advising. Counseling and Placement Services

Personal, academic, or career counseling, guidance, and placement services should be provided in an accessible setting without discrimination on the basis of disability.

Institutions should ensure that qualified students with disabilities are not counseled/advised toward more restrictive career objectives than are non-disabled students with similar interests and abilities. This does not preclude providing factual information about licensing and certification requirements that may present obstacles to disabled persons in their pursuit of particular careers.

Social Organizations

Before providing official recognition or significant assistance to fraternities, sororities, or other campus organizations, campuses should receive assurance that the organization does not permit actions prohibited by these guidelines.

<u>PART II --GUIDELINES FOR POLICY IMPLEMENTATION -- FUNDING</u> <u>FOR AUXILIARY AIDS</u>

In addition to providing accommodations needed to ensure equal access to educational opportunities by disabled students, UW institutions are responsible, under 34 C.F.R. 104.44, for ensuring that no disabled student is denied benefits or excluded from participation in a program because of the absence of auxiliary aids. "Auxiliary aids" include such items as taped texts, interpreters or other effective methods of making orally delivered materials available to students with hearing impairments, readers in libraries for students with visual impairments, classroom equipment adapted for use by students with manual impairments, and other similar services and actions.

While funding for accommodations to ensure equal access (to educational opportunities) is provided by institutions through the usual budget processes, the funding for auxiliary aids is primarily the responsibility of state vocational rehabilitation agencies. There may, however, be situations where a student is not eligible to be a client of the vocational rehabilitation agency. This often occurs when a student goes on to graduate school, or seeks a second baccalaureate degree. In such cases, the primary responsibility for ensuring that the student is provided with auxiliary aids shifts to the institution.

While funding for accommodations to ensure equal access (to educational opportunities) is provided by institutions through the usual budget processes, the funding for auxiliary aids is primarily the responsibility of state vocational rehabilitation agencies. There may, however, be situations where a student is not eligible to be a client of the vocational rehabilitation agency. This often occurs when a student goes on to graduate school, or seeks a second baccalaureate degree. In such cases, the primary responsibility for ensuring that the student is provided with auxiliary aids shifts to the institution.

Current data are inadequate for making accurate projections of the institutional costs of providing auxiliary aids in those instances where vocational rehabilitation support is unavailable. As a result, institutions occasionally encounter situations in which there is a responsibility to provide auxiliary aids, but the budget is insufficient for this purpose. To resolve this problem, institutions will, in the future, maintain records of the numbers of persons requiring auxiliary aids, types of disabilities for which such aids were provided, the specific aids actually given, and associated costs (see above, at Part II, UW Institutions, Number 4). Accumulation of these data will enable the institutions to budget appropriately for anticipated needs.

To deal with immediate problems, however, a temporary contingency fund should be created in UW System Administration to assist institutions in providing auxiliary aids in those unusual circumstances where the vocational rehabilitation agency will not do so, and the institution has demonstrated exceptional need. The fund would be administered by System Administration, with the advice and consultation of the UW System Advisory Committee established under Part II, Guidelines for Policy Implementation--Procedures, of this document. Because it is anticipated that the need to draw on the fund would occur infrequently, approximately \$30,000 would appear adequate for the purposes described. This amount would be generated from set asides from each institution's GPR/fees allocations.

Definition of "learning disabled."

'Specific learning disability' means a disorder in one or more of the basic psychological processes involved in understanding or in using language, spoken or written, which may manifest itself in an imperfect ability to listen, think, speak, read, write, spell, or to do mathematical calculations. The term includes such conditions as perceptual handicaps, brain injury, minimal brain disfunction, dyslexia, and developmental aphasia. The term does not include children who have learning problems which are primarily the result of visual, hearing or motor handicaps, of mental retardation of emotional disturbance or of environmental, cultural or economic disadvantage. [34 CFR §300.5(b)(9), (7-1-87)]

Policy Statement adopted and Guidelines for Policy Implementation accepted by the Board of Regents July 8, 1988.

718/88

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

A. Me Agreement has been signed between the University of Wisconsin-Madison and BIT 3 Computer Corporation for acquisition of source information. The Corporation produces a card that interfaces with the the component of a weather system designed and produced by the University's Space Science and Engineering Center. In order to achieve a satisfactory integration of the card, the Center needs access to technical and proprietary information relating to the programming, development and maintenance of the card. Under this agreement, the Corporation will provide the Center with the necessary source information.

* Memorandum of Understanding for a Peregrine Falcon release program has been entered into between the State of Wisconsin Department of the University (Department) of Resources and Wisconsin-Madison, effective June 8, 1988. Under terms of the agreement, the Department will use the roof of Van Hise Hall for the release, care and feeding of four to five falcons from a hacking box and for monitoring the activities of the peregrines. "Hacking" is a process that allows natural, physical conditioning of young birds of prey to an area before they can fly. The young raptors are placed on a conspicuous structure and are provided with food until they are able to make their own kills and move away from the area. The period of the Memorandum shall be from the date of execution through October 31, 1988 unless terminated sooner by either party as provided in the agreement.

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