Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: May 7, 1982

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

Milwaukee, Wisconsin

Held in Room E245, Wisconsin Room West
UW-Milwaukee Union
Friday, May 7, 1982
9:05 a.m.

- President Erdman presiding -

PRESENT: Regents Beckwith, Erdman, Finlayson, Fitzgerald, Fox, Gerrard, Grover, Heckrodt, Hendrickson, Jesinski, Knowles, Lawton, O'Harrow, Podlesny, Schilling and Veneman

ABSENT: None

Upon motion of Regent Knowles, seconded by Regent Podlesny, it was voted that the minutes of the regular meeting of the Board of Regents of the University of Wisconsin System, held on April 9, 1982, be approved as mailed to the members of the Board.

REPORT OF THE PRESIDENT OF THE BOARD

President Erdman noted that the report of the April 16, 1982, meeting of the Higher Educational Aids Board and the Wisconsin Higher Education Corporation had been distributed with the agenda material.

Regent Hendrickson, President of the Wisconsin Board of Vocational, Technical and Adult Education, expressed appreciation to Regent Erdman for her endorsement of cooperative efforts between the UW and VTAE systems. After introducing Regent Emeritus James Elliott, former President of the VTAE Board, and Ms. Roxanne Joyce, of the VTAE staff, Regent Hendrickson called upon Dr. Robert Sorensen, Executive Director of the VTAE Board, for a report on cooperative ventures between the two systems.

Indicating that the report was in draft form, Dr. Sorensen said it was being submitted at this time for review and comment by University officials. He noted that it could serve as a comprehensive information source, to be updated and distributed on an annual or biannual basis. The report showed that a great deal could be consolidated.
of cooperation was taking place, he stated, adding that these activities were
detailed in three categories: programs, facilities and equipment, and student
services. Outlining the contents of the report, he noted first that it
included a summary statement concerning the three joint committees—one for
academic programs, one for facilities and one for continuing education—which
had been established about ten years previously to effect coordination between
the systems. Those committees had functioned very effectively, he felt, in
solving problems and facilitating cooperative ventures. Another part of the
report detailed programmatic efforts, including course planning, class schedul-
ing, joint instruction, joint sponsorship of course offerings and transfer of
courses and program credits. There were also descriptions of model arrangements
to share facilities and equipment, as well as library media services, and a
review of cooperative student service activities to provide career counseling
and occupational information. In conclusion, he observed that these joint
efforts could be expanded in the future and other creative means of coordination
could be found.

Expressing appreciation to Dr. Sorensen and Regent Hendrickson, President
Erdman noted that, inasmuch as members of the Legislature had recently asked for
such a study, it was well that the need had been anticipated and was being
addressed by the systems' on their own initiative.

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REPORT OF THE PRESIDENT OF THE SYSTEM

President O'Neil remarked that he and Dr. Sorensen had worked closely
together since assuming their respective positions and that he valued this
collaboration as an especially positive experience. Indicating that the com-pre-
prehensive report which had been presented was in part an outgrowth of a January
meeting of VTAE directors which he attended, the President said it was expected
that both systems would benefit, not only from documentation of their good
relationships, but from such public attention as it would receive. He reaffirmed
the UW System's commitment to continued cooperation and expressed gratitude to
Regent Hendrickson for his efforts in promoting closer coordination during his
term on both boards.

Noting that three Guggenheim fellowships had been awarded to members of the
UW-Madison faculty, President O'Neil said other fellowships had been announced
and still more were expected in the near future. A special honor, the Edward R.
Morrow award from the Corporation for Public Broadcasting, had recently been
given to Professor Ronald Bornstein, who had been director and general manager
of radio/television and who was to become the first acting director of educational
communications within the restructured UW-Extension. That award, the President
observed, marked for Dr. Bornstein a very fitting return to the University follow-
ing a year's leave of absence with the Corporation for Public Broadcasting.

\[\text{Bornstein, Ronald - announcement of receipt of Edward R.}
\\text{Morrow Award from CPRB, P.2,}\]

\[\text{UW-Extension Staff - announcement of receipt of Edward}
\\text{R. Morrow Award by Ronald Bornstein, P.2.}\]
In the month ahead, President O'Neil reported, some 17,690 students were expected to receive degrees from System institutions. "As this school year draws to a close, I think it is important to recognize in these traditional ceremonies the lifeblood of higher education. While we battle budgets and remodel physical facilities and tend to the myriad daily details of administration, we should also view with a longer perspective the completion of the educational process by these students." Noting that several regents would be participating in commencement activities, he observed that this bond between the Board and the students who receive degrees approved under the Board's authority was a most happy link and one that was more than purely symbolic.

In recognition of another milestone, the President stated that Governor Lee Sherman Dreyfus would be most welcome to rejoin the faculty at UW-Stevens Point, should he wish to resume the professorship from which he took leave to serve state government. "He is certainly a faculty colleague in good standing who has devoted many years to the faculties of two of our institutions and would be most welcome should he wish to reenter academic life."

President O'Neil then expressed his appreciation to Regent President Erdman, Regent Gerrard and Regent Hendrickson, who were completing their terms on the Board. "All three have made my task a great deal easier and more reassuring in inevitably difficult times."

Expressing gratitude for the exemplary hospitality extended by UW-Milwaukee, President O'Neil introduced Chancellor Horton, who made the following remarks.

"On behalf of the faculty and staff and students of the University of Wisconsin-Milwaukee, I bring you greetings and our thanks for joining us during this historic year. You are with us as we move toward the completion of the celebration of our 25th anniversary year and look to our next quarter century. This has been a year fraught with challenge, repeated budget reductions and record numbers of students. But this campus, born out of necessity and nurtured by ever-increasing demand for educational opportunity in the Milwaukee metropolitan area, has always struggled with adversity and a chronic shortage of resources. It has grown on the hopes and dreams of tens of thousands of people in search of their future. From a small campus of less than 6,200 students in two colleges, UW-Milwaukee has grown to almost 27,000 students in twelve schools and colleges. From 25 undergraduate majors in 1956, UW-Milwaukee has broadened its program array to include 80 baccalaureate programs, 44 master's and 16 doctoral degree programs today. With 90 percent of our students coming from the Milwaukee area and 80 percent of them joining the work force here after graduation, UW-Milwaukee is fulfilling its mission of serving a metropolitan area that contains almost half the state's population.

"As we look to the next 25 years, we see many new challenges facing this University, this community and this state. It is a future full of uncertainty and we enter it during a period of rapid change. It is a time of record budget deficits in government, high interest rates crippling the economy and an unemployment rate unequaled since the 1930s. How can UW-Milwaukee enter this new era with a sense of purpose and optimism? By using the same gritty determination
that led to the founding of the University of Wisconsin-Milwaukee almost 25 years ago. And it is with a sense of confidence that we seek new partnerships with other public and private enterprises in our community. We also expect greater student demand, because of our quality and our cost and accessibility to the largest concentration of people in the State of Wisconsin. But what kind of education will we be prepared to provide them? Major, but publicly unarticulated, changes in public policy are threatening public higher education in Wisconsin today. Our challenge, at the very least, is to make certain that these issues are addressed in a number of arenas and are not dealt with by default. I am reminded of the words of Wisconsin Congressman David Obey who told several hundred public university leaders from across the nation that they should no longer worry about where education is on the public agenda. He told the startled educators that education was not even on the agenda. Education appears to be thought of as an element of the social welfare system rather than a necessary component of economic recovery and a tool in maintaining a dynamic and democratic society. We seem to have lost the strong identification with the nation's future that education once had. We have been fortunate here in Milwaukee to have a group of community leaders who are very active in learning about the University and proposing ways in which it can better serve the needs of our metropolitan area and its people. Our Board of Visitors has been active all year, meeting in five working committees, studying issues facing the University and the community. Two of these committee chairpersons are with us today to give summaries of their findings to the Board.

Chancellor Horton then introduced Mr. Mark Vetter, Chair of the Board of Visitors' University/Industry Relations Committee. Mr. Vetter, an attorney in private practice, had joined the Board of Visitors the previous year. He was Chairman of the Law Section on the State Bar of Wisconsin, had been a trustee of the Elm Grove Village Board and was active in other community activities.

Mr. Vetter stated appreciation, on behalf of the Board of Visitors, for the opportunity to present reports which they felt exhibited the role which a board of visitors could perform on a UW System campus. Summarizing the report of the University/Industry Relations Committee, which had been adopted unanimously by the entire Board of Visitors, he indicated that the committee had been charged with studying the issue of whether there should be increased collaboration between the University and private industry. The committee considered the topic a timely one for several reasons: First, the economy was changing--in the Milwaukee area, the state and the nation; second, new technologies were being developed; third, there was a loss of technological leadership by the United States and by many of the companies located in the metropolitan Milwaukee area; and fourth, funding for university research and development was declining. Next considered was the question of whether or not such collaboration with private industry would be an appropriate function of the University. The committee's response was in the affirmative, inasmuch as it was felt that the objectives of working together—to increase knowledge, to further education, and to allow the use of knowledge in industrial innovation and development—would fit within the mission of the University.

Turning to certain problems which the committee felt were inherent in university/industry relations, Mr. Vetter said the first was that when most funding for research and development came from the federal government, university faculty tended to concentrate their efforts on meeting environmental and regulatory requirements rather than on the development of new products and productivity. Secondly, there was perceived to be a lack of effective communication between
the University and private industries, specifically about the issue of proprietary research. The committee believed, however, that a satisfactory policy could be devised to address this concern. Third, there was a lack of recognition of the University's strengths by the private sector in the metropolitan Milwaukee area, a problem which the committee felt could be rectified by an effective marketing program.

Mr. Vetter then stated the committee's recommendations, as follow. First, all efforts concerning the relationship between private industry and the University would be coordinated by the Dean of the Graduate School, who would have a limited budget to buy out portions of faculty members' contracts so that they could spend time developing relationships with the private sector. Second, philanthropy and consortia programs would be established, the former consisting of solicitation of gifts and fellowships to be used for research and development. In consortia programs, a group of companies would contribute a certain amount to fund research and development which would benefit the companies as well as the University. Third, it would be important for the University to capitalize on its strengths, selecting a number of key areas in which faculty and staff had developed programs that could be beneficial to industry.

In conclusion, he asked that the Board of Regents recognize the need for further collaboration between the University and private industry and make a commitment to helping UW-Milwaukee achieve that objective.

Mr. Ray Richardson, Chair of the Board of Visitors' Working Student Committee, was then introduced by Chancellor Horton, who noted that Mr. Richardson was the Executive Director of the Neighborhood House in Milwaukee and also served as a director of numerous organizations, including the Medical College of Wisconsin, Family Hospital, Literary Services of Wisconsin, and First Savings of Wisconsin. An alumnus of UW-Milwaukee, he earned his baccalaureate degree over a 15-year period while working and raising a family.

Stating that the committee's charge was to study the needs of working students in the community and the University's ability to respond to those needs, Mr. Richardson said the committee heard from various UW-Milwaukee units which provide academic and support services to the working and non-traditional student population, and had concluded its investigation with a set of recommendations which were approved by the full Board of Visitors. The conclusions of the committee were as follow. In Southeastern Wisconsin there exists a particular need for well-trained people who could make contributions to the area's economy. In order to serve working students adequately, the committee encouraged the University to focus on several issues. First, changes would be necessary in the enrollment funding formula to compensate for the cost of serving part-time working students, inasmuch as the current formula combines two or more part-time students to form one full-time equivalent student, without regard to the fact that they are separate students with separate needs, the cost of administration, registration, counseling and advising being approximately the same for both the part-time and full-time students.

Secondly, Mr. Richardson continued, UW-Milwaukee required additional resources to offer more courses at late hours and on weekends in response to working student schedules, since budget reductions had seriously eroded the University's ability to meet the needs of working students. The final recommendation was that off-campus credit and non-credit educational programs in the Milwaukee area should be administered through the UW-Milwaukee campus, and all fees for these courses should be retained locally to fund the growing demand for
such programs in Milwaukee. In conclusion, he stated that it is necessary in a
metropolitan region to consider developing class schedules around the require-
ments of the working and non-traditional students, that limited budgets put real
limits on the ability of UW-Milwaukee to meet these needs, and that UW System
campuses with substantial working-student populations must have the capacity to
respond positively to the changes of the 1980s and beyond.

Chancellor Horton remarked that as long as leaders of the community were
actively involved in guiding the University, one could look to the future with
confidence, recognizing that it would be necessary to plan carefully and join the
University's future with that of the people it serves. He quoted the words of
Governor Walter Kohler, who spoke at the founding of UW-Milwaukee 25 years
previously: "On such dedicating occasions as this, there is often the tendency
to couch comments and superlatives in some exaggerated terms. I do not believe,
however, that anything that will be said here today in respect to the importance
of the birth of the University of Wisconsin-Milwaukee will be an exaggeration.
Inasmuch as a state or nation advances or declines in direct ratio to the
knowledge and wisdom of the citizenry, so also will all of Wisconsin reap the
benefits from this institution."

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

Resolution 2578: That the report of non-personnel actions by administrative
officers to the Board of Regents and informational items
reported for the record (copy on file with the papers of
this meeting) be received for the record; and that actions
included in the report be approved, ratified and confirmed.

United Council - opposition to 1982-83 academic fee increase, p. 6.
 Fees - 1982-83 academic fee increase opposed by United Council, p. 6.

Mr. Robert Kranz, President of the United Council of UW Student Governments,
introduced Mr. Jack Gladden, President, and Mr. Eric Jernberg, Vice President,
of the UW-Milwaukee Student Association.

With reference to the proposed tuition/fee schedule for 1982-83, Mr. Kranz
found it ironic that the increased rates were being adopted at UW-Milwaukee,
with an urban mission and a student body which would be particularly affected by
higher costs. He urged the Board to bear in mind that low tuition for higher
education had served Wisconsin well and was the most equitable method of
financing that critical public service.

Noting that this was his final report as President of United Council, Mr.
Kranz spoke about insights he had gained with regard to student government and
student participation in university governance. "Wisconsin is quite fortunate," he stated. "It seems we have managed to build a very stable and meaningful involve-
ment for students in the university community." He observed that for those who
participate, the cost is frequently measured in diminished grade points, slow
academic progress and long hours in the office, for very little thanks. "Certainly,
as student government leaders, we do make mistakes. We are not resistant to
pettiness, infighting and disarray on one hand, or building statues of liberty on
the other hand." Indicating that detractors often attempted to discredit student
government efforts by citing low voter turnout in student elections, he pointed

out that the percentage of students voting in Wisconsin student elections was among the highest in the nation and was continuing to grow. There were two reasons for this greater than normal interest, he felt, the first being that Wisconsin and the Board of Regents had allowed it to develop since merger. He remarked that the Board's support of United Council exemplified an attitude that contributed to students assuming greater responsibilities. The second reason rested with students who were aware of the excesses of the 1960s and wanted to avoid them, he continued, remarking that as a result of that turbulent era, students had achieved a viable level of input into university governance. He stated the hope that in years ahead the Board would continue to recognize and support student involvement on all issues that confront the University.

In conclusion, he expressed appreciation to those who had helped to make his term as President a rewarding educational experience, particularly to Regents Gerrard and Hendrickson for their support and counsel, as well as to President Erdman, whose idealism and commitment to higher education he admired and who had provided a significant role model for women in university governance.

Emphasizing the welcome that President O'Neil had extended to Governor Dreyfus should he wish to return to UW-Stevens Point, Regent Grover recalled an occasion on which the Governor had not been received graciously by the Board. "He has served well. He is bright; he is witty; he is enriched; he is a good person. I think we ought to welcome him back to the campus, if that be his choice, with a hearty welcome. And as long as we are extending that welcome, I think it ought to go to former Chancellor Lindner, the Secretary of the Department of Administration, a person who has held for the past four years the most difficult administrative post in state government. He has also served with dignity and insight and has been a caring and effective person."

REPORT OF THE EDUCATION COMMITTEE

Chairman Beckwith reported for the Committee.

Presentations were made to the Committee about two UW-Milwaukee research centers of excellence: the Center for Twentieth Century Studies and the Center for Architecture and Urban Planning Research. In introductory remarks, Acting Vice Chancellor Norman Lasca noted the establishment of five centers of excellence at UW-Milwaukee since 1965: the Center for Great Lakes Studies, the Urban Research Center, the Laboratory for Surface Studies, the Center for Twentieth Century Studies, and the Center for Architecture and Urban Planning Research. Professor Kathleen Woodward described the activities of the Center for Twentieth Century Studies, making particular reference to the involvement of nationally and internationally known artists and writers, interdisciplinary research projects, research conferences, open seminars for faculty and graduate students, and programs and presentations available to students and the general public. In the next academic year the Center expected to do research relating to the question of aging. The value and extent of the Center's work was evident in its record of qualifying for substantial grants from the Wisconsin Humanities Committee and the National Endowment for the Humanities, she said, adding that the Center had helped establish UW-Milwaukee as a university of national importance.
Dean Anthony Catanese of the School of Architecture and Urban Planning introduced Professor David Glasser for comments to the Committee about the Center for Architecture and Urban Planning Research. Dr. Glasser described the Center, which was established in 1978, and summarized faculty and student activities in the City of Milwaukee and its environs, as well as in a number of smaller communities throughout the state, including projects for redefining the urban environment, solar energy design, alternative housing studies, rehabilitation of small town commercial areas, and the design of signs and graphics for use by the Milwaukee Metropolitan Bus System. Both Professor Glasser and Dean Catanese spoke of the extensive "hands-on" experience students received through the Center's projects and of the favorable national and international reputation reflected upon the UW-Milwaukee School of Architecture and Urban Planning by the activities of the Center.

The Committee then considered a proposed B.S. Degree in Computer Science at UW-Platteville, which had been presented for a first reading at the April meeting.

Adoption of Resolution 2579 was moved by Regent Beckwith, seconded by Regent Jesinski and voted unanimously.

Resolution 2579: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Platteville, the Chancellor be authorized to plan and implement a B.S. in Computer Science.

Regent Beckwith stated that a report on the status of fiscal emergency at UW-Superior was presented to the Committee. Chancellor Meyer recommended continuation of the state of fiscal emergency for 1983-84, noting that opinions of faculty and staff on campus differed. The Faculty Consultative Committee had endorsed the recommendation, but the University Senate, by a vote of 10-7, had opposed it.

UW-Superior Professor Ronald Mershart, President of The Association of University of Wisconsin Faculties, spoke to the Committee of his reasons for opposing the Chancellor's recommendation. Citing the Faculty Consultative Committee statement that it had been asked to make a recommendation on the "continued fiscal emergency more on hypothetical assumption than on known facts," he remarked that enrollments at UW-Superior had already been damaged by the original declaration. He referred to cuts in academic programs and the release of faculty and staff, commenting that in the opinion of the majority of the Faculty Senate it had not been demonstrated that all clearly foreseeable cuts could not be handled by reductions in the summer program, intercollegiate athletics, and the physical plant. If Resolution 2580 were adopted, he predicted that fewer students would enroll at UW-Superior in the fall, and he urged that action be deferred until there was better evidence that an emergency existed.

When asked by the Committee for his comments, Professor Donovan Coleman, Chairman of the Faculty Consultative Committee, reiterated his agreement with the recommendation for continuation of the status of fiscal emergency as a means to provide necessary flexibility to meet budget reductions in 1983-84 and to
absorb the 2 percent cut in program support mandated by the recently enacted budget adjustment bill. Executive Vice President Joseph Kauffman reviewed some of President O'Neil's concerns which had led to his reluctant recommendation for continuation of the fiscal emergency, including the observation that, in this case, the conditions of Section UWS 5.02, Wisconsin Administrative Code, were clearly met. Dr. Kauffman also emphasized the necessity for action at this time since faculty who might be affected must be given a full year's notice of termination. In a final comment, Chancellor Meyer advised that, unlike other System institutions, UW-Superior had absolutely no contingency money and that, therefore, the flexibility provided by the state of financial emergency was particularly needed.

Regent Beckwith then moved adoption by the Board of the following resolution, and the motion was seconded by Regent Podlesny:

Resolution 2580: That, upon the recommendation of the President of the University of Wisconsin System, the Chancellor of the University of Wisconsin-Superior and the University of Wisconsin-Superior Faculty Consultative Committee, pursuant to Resolution 2385, dated May 8, 1981, and in preparation for a budget reduction including withdrawal of transitional relief provided for 1982-83, the state of financial emergency for the University of Wisconsin-Superior be continued for the 1983-84 fiscal year.

Regent Fox inquired as to when the conditions which led to the recommendation for financial emergency were expected to end. Indicating that in the following year there would be a further recommendation from Chancellor Meyer after consulting again with the Consultative Committee, President O'Neil observed that the situation at that time would be at least somewhat clearer, inasmuch as the 1983-85 biennial budget proposal would have been made. He expressed the hope that it would be possible then to terminate the state of financial emergency if conditions warranted.

Should the state of financial emergency be renewed next year, Regent Fox asked if the same abbreviated procedure utilized this year would be followed, rather than the entire financial emergency process required for the first declaration.

President O'Neil replied that there would be at least the recommendation from the Chancellor, which, under Section UWS 5.06, required consultation with the Consultative Committee and transmittal to the Board of the Committee's report. That process, he indicated, would not be as elaborate as it was the previous year, and might not be as elaborate as it was this year, particularly if it is felt that there is no need to continue the condition of financial emergency.

Put to the vote, Resolution 2580 was adopted, with Regent Fox voting "No."

Noting that Dr. Ronald Mershart, President of The Association of University of Wisconsin Faculties, was retiring from that position, Regent Beckwith expressed appreciation for his thoughtful involvement and assistance in matters before the Board.
The Committee then reviewed the "UW System Annual Report to the Regents on 1980-81 Progress and Achievement of Goals for American Racial and Ethnic Minority Students." Vice President Katharine Lyall introduced Associate Vice President Vernon Lattin, who called attention to four elements of the report which had not been included in those of previous years: (1) new tables had been added which enabled readers to look at minority enrollment by different ethnic groups and permitted examination of data by resident and nonresident populations, both systemwide and by institution; (2) new data which allowed closer analysis of the retention problem had been included; (3) information from each institution as to specific retention strategies employed in 1981-82 was provided; and (4) for the first time, an executive summary was prepared to highlight some of the major conclusions of the complete report.

During Committee discussion, Regent Beckwith stated his concern about the statistics on retention of minority students and asked if there was any research which had examined critically the matter of retention, including what happens to those students who are not retained within the System. Dr. Lattin indicated that the Systemwide Center for the Study of Minorities and Disadvantaged, located at UW-Milwaukee, was addressing that question, with $500,000 to be provided for a minority retention demonstration project in 1982-83.

Ms. Rosa Johnson, Minority Affairs Director of the United Council of UW Student Governments, presented a statement to the Committee in which she reviewed the Board's 1976 policy and discussed factors which influence retention of minority students. She then made the following suggestions: (1) that students accepted by March should be allowed to take placement exams before the end of the semester so that they could participate in summer programs where appropriate; (2) that institutions should use their discretionary powers to allocate non-resident tuition waivers to benefit more minority students; (3) that the inter-state reciprocity program should be expanded to include other states, especially Illinois, in order to attract minority students from that state; (4) that greater efforts should be made to recruit students from technical schools and junior colleges; (5) that external oversight should be included in the evaluation of programs serving minority and disadvantaged students; and (6) that four-year, renewable scholarships based on merit should be provided for academically fit but financially deprived minority students.

Observing that Ms. Johnson's presentation was excellent and very helpful, Regent Beckwith noted that copies of her remarks had been distributed to all regents.

In discussion at the Board meeting, Regent Fox referred to a statement in the System report which identified one reason for lack of optimism about the prospects for increasing minority enrollments as being "the low priority educational leaders are placing on 'minority issues and programs' nationally." He asked how that change in attitude affected the UW System.

Regent Beckwith replied that in a number of ways current policies on both the national and state levels had an adverse impact on minority enrollment. Inasmuch as many minority students required financial aid, he noted that reductions in such support made it more difficult for those students to matriculate and graduate. In addition, as budgets were reduced, more stress was placed on allocation of scarce resources. Therefore, he said, less money was available to fund such programs as counseling and recruitment of minority students, although significant amounts were provided in the System budget to maintain these efforts to the extent possible.
indicating that the problem was at two levels, President O'Neil explained that at one level it related to a climate of opinion, with much of the commitment generated in the late 1960s and early 1970s not carrying through into the 1980s. "There has been a relaxation of critical concern, a feeling that in some quarters the job that had to be done was done through programs that were in place elsewhere from five to ten years or so. Now, it is a new era; minority students are on their own; and the excitement which led to many of these programs in earlier times simply has gradually abated." At another level, he continued, was a set of rather specific problems, some having to do with financial aid and some with special support programs which had yielded in times of increasingly scarce resources to other commitments or had simply fallen by the wayside with the feeling that needs had been met. Putting those two factors together, he thought the current environment would have to be described as less supportive of the special needs, aspirations and ambitions of minority students than at any time since the mid-1960s, when that concern began to be a major priority for educational leaders. As an example, he cited enrollments in doctoral programs, pointing out that, with the sole exception of the Big Ten and the University of Chicago minority doctoral fellowship programs, there had been substantial declines in minority enrollments on both coasts in highly selective, specialized doctoral programs. While the reduction had been less acute in the graduate professional areas, in those fields too there had been at best a stabilization and at worst some decline.

Regent Fox noted that the wording of the sentence to which he had referred suggested that in addition to reductions in federal aid and to poor state and national economic conditions, there was also a problem of attitude. Knowing that the UW System and its institutions placed a high priority on minority enrollment, he wanted to ensure that no one would draw the inference that they did not.

Continuing the report of the Education Committee, Regent Beckwith summarized Committee consideration of proposed amendments to UW System equal opportunity policies. Vice President Lyall noted that President O'Neil recommended for adoption, with two modifications, recommendation 32, which had been submitted by the Systemwide Task Force on the Status of Women. One modification deleted reference to layoff as a basic affirmative action plan requirement (a hiring and termination monitoring requirement for nondiscrimination having been substituted), while the second deleted basic plan requirements for handicapped persons (such programs to be addressed at a later date).

The Committee was informed that the Council to advise System Administration on implementation of the Task Force recommendations probably would present further proposals for consideration by the Board in September.

Ms. Sandra Starrett, Women's Director of the United Council of UW Student Governments, spoke to the Committee about making university education more accessible to women, providing physical protection for women students, the disproportionate effects of tuition increases on women, and the disproportionate effect of faculty layoffs on women faculty. She also expressed concern that curricula do not adequately reflect the contributions of women to society.
It was moved by Regent Beckwith and seconded by Regent Finlayson that the following resolution be adopted:

Resolution 2581: That, upon recommendation of the President of the University of Wisconsin System, the Board of Regents approves the recommended changes to Part II - GUIDELINES FOR POLICY IMPLEMENTATION of University of Wisconsin System Restatement of Policy on Equal Employment Opportunity adopted August 15, 1975 (EXHIBIT A).

Regent Erdman stated that she was enthusiastic about approval of the resolution, recognizing that it represented a great deal of work by Task Force and Advisory Council members.

The question was put on Resolution 2581, and it was unanimously adopted.

President Erdman recognized Dr. J. Martin Klotsche, Chancellor Emeritus of UW-Milwaukee, who was present at the meeting.

The Committee received a progress report on the Urban Corridor Consortium, which consists of UW-Green Bay, UW-Milwaukee, UW-Oshkosh, and UW-Parkside. The current chairman, Vice Chancellor William Kuepper, UW-Green Bay, briefly described the five-year-old Consortium, citing its characteristics, problems, examples of cooperation, and priorities for the future. He then introduced Professor Werner Prange, director of the Consortium, who commented on the voluntary nature of Consortium membership, noting that "institutions are not naturally cooperative" and that there were "tactical problems---and problems of tact." He expressed overall satisfaction, however, with what the Consortium had accomplished and mentioned a number of highlights: an interinstitutional faculty lecture service; special workshops on such topics as grantsmanship and teaching effectiveness; sponsorship of programs in academic areas; arrangement of meetings among colleagues from the various campuses, which recently had been concerned with safety in chemistry laboratories and with mathematics anxiety; a faculty and student exchange program with a Swedish university; a consortial semester-abroad program in France; and the American Ethnic Studies Coordinating Committee which operates under Consortium auspices.

UW-Madison Chancellor Irving Shain made a presentation to the Committee on the will of William F. Vilas, who had a distinguished career in the late 19th and early 20th century as a lawyer, businessman, federal Cabinet member, U.S. Senator, and member of the UW Board of Regents. In his will, he provided for maintenance of his wife and children throughout their lives, and then directed that the entire residue of his estate be given to the University of Wisconsin (Madison), from which he had graduated in 1858. In the 20 years since the gift was accepted, the Trust had provided $5,114,932 in support of annual awards of up to 140 undergraduate scholarships, 60 graduate fellowships, and 16 professorships. Other substantial grants were made for the "... encouragement of merit
and talent, or to promote appreciation of . . . the art of music . . . ."
($231,318) and to the special building fund for construction of Vilas Communication Hall ($1,187,000). Chancellor Shain displayed a copy of the actual will and described many of its interesting features. He also referred to a booklet summarizing the Vilas will and the Trust Estate, which was published in 1961, when the Legislature passed an act accepting the bequest on behalf of the University.

Regent Lawton pointed out that Mr. Vilas had been many years ahead of his time by providing in his will that "for at least one-fifth of these scholarships and fellowships the regents shall prefer in appointment among worthy and qualified candidates those of Negro blood . . . ."

Regent Beckwith agreed that the will was very farsighted except for its provision that there be reinvestment of income until a level of $30 million was reached. In order to determine the value of the estate for that purpose, the trustees were directed to consider the value of common stocks at their par value, he explained, noting that it is usual these days to have a 10¢ par value on a $100 stock.

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

Resolution 2582: That the Board of Regents of the University of Wisconsin System gratefully accepts the proffer by the Trustees of the William F. Vilas Trust Estate (copy dated April 27, 1982, on file), of the sum of $518,400.00 for the year 1982-83 for the maintenance of the scholarships, fellowships, and professorships (with their respective auxiliary allowances) to be expended in the following order:

1. Continuation of 10 Vilas Undergraduate Scholarships at $400.00 each $4,000.00
2. Continuation of 10 Vilas Graduate Fellowships:
   a. 5 at $600.00 each $3,000.00
   b. 5 traveling fellowships at $1,500.00 each 7,500.00 10,500.00
3. Continuation of the salaries and respective allowances as recommended by the Regents for 16 Vilas Research Professorships as follows:
   Leonard Berkowitz - Vilas Research Professor in Psychology, College of Letters and Science, UW-Madison
   Salary 10,000.00
   Auxiliary Allowance 15,000.00 25,000.00
R. Byron Bird - Vilas Research
Professor of Chemical Engineering,
College of Engineering, UW-Madison
Salary 10,000.00
Auxiliary Allowance 15,000.00
25,000.00

George E. P. Box - Vilas Research
Professor of Mathematics and
Statistics, College of Letters
and Science, UW-Madison
Salary 10,000.00
Auxiliary Allowance 15,000.00
25,000.00

Winston J. Brill - Vilas Research
Professor of Bacteriology,
College of Agricultural and
Life Sciences, UW-Madison
Salary 10,000.00
Auxiliary Allowance 15,000.00
25,000.00

Arthur S. Goldberger - Vilas Research
Professor of Economics,
College of Letters and Science,
UW-Madison
Salary 10,000.00
Auxiliary Allowance 15,000.00
25,000.00

Reinhold Grimm - Vilas Research
Professor of Comparative Literature and German, College of Letters and Science, UW-Madison
Salary 10,000.00
Auxiliary Allowance 15,000.00
25,000.00

Joel F. Handler - Vilas Research
Professor in Law, Law School, UW-Madison
Salary 10,000.00
Auxiliary Allowance 15,000.00
25,000.00

Ihab Hassan - Vilas Research
Professor in English and Comparative Literature,
College of Letters and Science, UW-Milwaukee
Salary 10,000.00
Auxiliary Allowance 15,000.00
25,000.00
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<tr>
<th>Name</th>
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<td>Jost Hermand</td>
<td>Vilas Research Professor in German</td>
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<td>Robert J. Lampman</td>
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<td>Henry A. Lardy</td>
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<td>College of Agricultural and Life Sciences and Graduate School, UW-Madison</td>
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<td>Willard F. Mueller</td>
<td>Vilas Research Professor of Agricultural Economics</td>
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<td>Walter Rudin</td>
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<td>Jan Vansina</td>
<td>Vilas Research Professor of History</td>
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Professor to be named - Harrington replacement

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4. a. Continuation of 50 additional scholarships at $400.00 each

|                      | 20,000.00 |

b. Continuation of 50 additional fellowships at $600.00 each

|                      | 30,000.00 |

5. Continuation of 80 additional scholarships at $400.00 each under the provisions of Paragraph E, Article Fourth of the Deed of Gift and Conveyance

|                      | 32,000.00 |

As to the 130 additional Vilas scholarships and the 50 additional Vilas fellowships provided for in 4. and 5. above, the regents are to bear in mind the provisions of the will requiring that the additional fellowships shall be (a) awarded to graduates of the University of Wisconsin, and (b) the further provisions of the will that "for at least one-fifth of these scholarships and fellowships the regents shall prefer in appointment among worthy and qualified candidates those of Negro blood, if such present themselves. Otherwise than as aforesaid, they shall be governed by the regents in like manner as those first above provided for."

6. Retirement benefits for the following retired Vilas Professors:

- David Fellman $2,500.00
- J. Willard Hurst 2,500.00
- Antonio-Sanchez-Barbudo 2,500.00
- William Sewell 2,500.00
- John Willard 2,500.00

12,500.00

7. One-time special funding for Professor Henry Lardy

|                      | 9,400.00 |

TOTAL

|                      | $518,400.00 |
It was moved by Regent Beckwith, seconded by Regent Heckrodt and unanimously carried that Resolutions 2583 and 2584 be adopted.

Resolution 2583: That, the Board of Regents of the University of Wisconsin System gratefully accepts the gift by the Trustees of the William F. Vilas Trust Estate (copy dated April 27, 1982, on file), of $19,750.00 for the academic year 1982-83, for the encouragement of merit and talent, or to promote appreciation of and taste for, the art of music, in connection with university instruction therein, to be used for the following purposes:

1. UW-Madison: Frescobaldi International Conference and Quadrocentennial Celebration $10,500.00
2. UW-Milwaukee: A Series of Events Highlighting Twentieth-Century Performance Practices in Music 9,250.00

TOTAL $19,750.00

Resolution 2584: That upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the Regents request of the William F. Vilas Trust Estate supplemental funding for three Vilas Professors as follows:

Professor Leonard Berkowitz (Research Assistant funding) $2,000.00
Professor Henry Lardy (Stipend for one year for Professor Cai Runsheng) 15,000.00
Professor George E. P. Box (Half-time Research Assistant) 7,200.00

Regent Beckwith stated that the Committee had received a report from Vice President Lyall on preparations underway for reexamination of Regent Policy No. 72-11, relating to freshman admission standards. Information from various university systems was being collected, with the result to be a description of different organizational structures of state university systems and an indication of how admissions policies were translated into impacts on access to and quality of the component universities. Dr. Lyall invited comments regarding these investigations or other topics associated with admissions policy. It was suggested by Regent Beckwith that particular attention be given to establishment of a "safety net" concept in consideration of admissions policy, in order to accommodate otherwise worthy applicants who might, because of poor high school admission standards, p. 17-18. Access & Quality - Impact of admission standards discussed p. 17-18 (access-quality).
experience, an extended period away from formal education, or other reasons, not be acceptable according to admissions standards but nonetheless should be given an opportunity to prove their acceptability.

Resolutions 2585-2594 were approved in closed session of the Education Committee.

Regent Beckwith moved adoption of Resolutions 2585-2592 and the motion was seconded by Regent Hendrickson.

Resolution 2585:
That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Julius Adler be changed from Edwin Bret Hart Professor, Department of Biochemistry and Department of Genetics, College of Agricultural and Life Sciences, to Edwin Bret Hart Professor, and Steenbock Professor of Microbiological Science, Department of Biochemistry and Department of Genetics, College of Agricultural and Life Sciences, UW-Madison, effective immediately with no change in salary.

Resolution 2586:
That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of W. Wallace Cleland be changed from M. J. Johnson Professor, Department of Biochemistry, College of Agricultural and Life Sciences, to M. J. Johnson Professor, and Steenbock Professor of Chemical Science, Department of Biochemistry, College of Agricultural and Life Sciences, UW-Madison, effective immediately with no change in salary.

Resolution 2587:
That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Howard Temin be changed from American Cancer Society Career Award Professor, and Harold P. Rusch Professor of Cancer Research, Department of Oncology, Center for Health Sciences, to American Cancer Society Career Award Professor, Harold P. Rusch Professor of Cancer Research, and Steenbock Professor of Biological Science, Department of Oncology, Center for Health Sciences, UW-Madison, effective immediately with no change in salary.

Resolution 2588:
That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Charles C. Conley be changed from Professor, Department of Mathematics, College of Letters and Science, to Solomon Lefschetz Professor of Mathematics, Department of Mathematics, College of Letters and Science, UW-Madison, effective July 1, 1982. The Professorship provides a grant of $10,000 per year, for a period not to exceed five years, to be used in support of the recipient's research and scholarly activity.
Resolution 2589:

That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Paul Kaesberg be changed from Wisconsin Alumni Research Foundation Professor of Biophysics and Biochemistry, Department of Biochemistry, College of Agricultural and Life Sciences and Biophysics Laboratory, Graduate School, UW-Madison, to William W. Beeman Professor of Biophysics and Biochemistry, Department of Biochemistry, College of Agricultural and Life Sciences and Biophysics Laboratory, Graduate School, UW-Madison, effective July 1, 1982.

Resolution 2590:

That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Olvi L. Mangasarian be changed from Professor, Department of Computer Science, College of Letters and Science and Department of Industrial Engineering, College of Engineering, to John von Neumann Professor of Mathematics and Computer Sciences, Department of Computer Science, College of Letters and Science and Department of Industrial Engineering, College of Engineering, UW-Madison, effective July 1, 1982. The Professorship provides a grant of $10,000 per year, for a period not to exceed five years, to be used in support of the recipient's research and scholarly activity.

Resolution 2591:

That upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Eric Rothstein be changed from Professor, Department of English, College of Letters and Science, to Edgar W. Lacy Professor of English, Department of English, College of Letters and Science, UW-Madison, effective July 1, 1982. The Professorship provides a grant of $10,000 per year, for a period not to exceed five years, to be used in support of the recipient's research and scholarly activity.

Resolution 2592:

That upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Luis Sequeira be changed from Professor, Department of Plant Pathology and Department of Bacteriology, College of Agricultural and Life Science, UW-Madison, to J.C. Walker Professor of Plant Pathology, Department of Plant Pathology and Department of Bacteriology, College of Agricultural and Life Sciences, UW-Madison, effective July 1, 1982. The Professorship provides a grant of $10,000 per year, for a period not to exceed five years, to be used in support of the recipient's research and scholarly activity.
Regent Lawton stated that he firmly supported the resolutions but questioned the necessity of acting on so many at one meeting. Noting that the professorships were being granted to some of the University's most distinguished scholars, he observed that there would be more opportunity for appropriate public comment about each one if fewer were brought forward at one time.

In reply, Chancellor Shain indicated that the recommendations were the result of a complex cycle, with all the committees involved completing their work at approximately the same time of year, and that it would be difficult, therefore, to bring them to the Board at different times.

Expressing agreement with Regent Lawton's observation that the scholars receiving such honors were most deserving of public recognition, Regent Beckwith added that gifts which made the named professorships possible "really have come to be the lifeblood of maintaining some of our most important scholars. It may be that we will have to turn more and more to this kind of support in order to maintain the distinguished faculty of our institutions in these times of economic stress."

Put to the vote, Resolutions 2585-2592 were unanimously adopted.

In presenting Resolution 2593, which would authorize recruitment of a professor of pathology and laboratory medicine at the UW-Madison, Regent Beckwith noted that action by the Board was necessary because of the salary level for that position.

Adoption of the following resolution was moved by Regent Beckwith, seconded by Regent Jesinski and unanimously carried:

Resolution 2593: That upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the Chancellor be authorized to recruit for a professor of Pathology and Laboratory Medicine to act as the chairman of the Department of Pathology and Laboratory Medicine.

Resolution 2594 was unanimously adopted, upon motion by Regent Beckwith, seconded by Regent Fitzgerald.

Resolution 2594: That upon the request of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Eau Claire, the Chancellor be authorized to recruit for a Dean of Graduate Studies, Graduate School.
Chairman Fox presented the Committee's report.

A report on the impact of UW-Milwaukee on Milwaukee's economy was presented to the Committee by Dr. Ronald L. Heilmann, Director of Management Research in the UW-Milwaukee School of Business Administration.

He indicated that direct expenditures by University students, faculty and staff were estimated to have been $136 million during the 1980-81 fiscal year, with student spending accounting for 77 percent of the total. Inasmuch as spending by the University itself amounted to approximately $20 million, it was the people at UW-Milwaukee who contributed by far the greatest amount to the local economy. Using a multiplier developed by the Southeastern Wisconsin Regional Planning Commission, the report estimated the increase in overall economic activity in the region caused by the University to be over $364 million. Aside from the dollar impact of the University on the Milwaukee economy, Dr. Heilmann said there were greater nonquantitative benefits to the metropolitan area from having a major public university in its midst, such as the attraction by the University of outstanding people to teach, live, work and in many ways become part of all aspects of community life.

Regent Fox reported that the Committee then reviewed the monthly list of gifts, grants and U.S. government contracts, which included 45 research grants from the National Institutes of Health, totaling $3.3 million, and 20 grants from the National Science Foundation for approximately one million dollars. The year's total of $200 million was about $2 million less than for the same period the previous year, with the federal portion $10 million less and the non-federal amount about $8 million more. Research support of $120.7 million for the year was almost identical to the previous year, but the federal portion was about $3 million less. Even though the extramural dollar support was close to that of 1980-81, programs had to be scaled back because of inflation.

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

Resolution 2595: 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.

The Committee next considered the Etola G. Marshall Trust, which provided that income from a trust of $350,000 be used by the UW-Madison Medical School for medical research, primarily for cancer. The trust was to be a memorial to Etola Marshall and Victor F. Marshall, her husband, who received a B.S. degree from the University at Madison in 1895.
Adoption of Resolution 2596 was moved by Regent Fox, seconded by Regent Podlesny and voted unanimously.

Resolution 2596: That the distribution from the Trust of the late Etola G. Marshall of Appleton, Wisconsin be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the trust; and that the Trust Officer or Assistant Trust Officer be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the UW-Madison Medical School.

Speaking in Committee about the current status of the 1982-83 UW System budget, President O'Neill said the legislative decision to reduce a proposed 4% GPR cut to 2% was heartening. While the remaining figure—together with the 2% GPR reduction for the current year—was still substantial, the impact obviously would be far less harmful than that of a 4% cut, and the base budget position for projection to the 1983-85 biennium would be less severely affected. As another positive feature of the budget adjustment bill, he cited elimination of the proposed ceiling on salary increases for persons earning over $30,000. Not only was the ceiling rejected, but the money which would have been withdrawn by it remained in the budget. Also deleted from the bill was a mandate which would have initiated another study of possible duplication between the UW and VTAE systems, as well as a requirement pertaining to declarations of financial emergency at sub-institutional levels.

The President advised the Committee, however, that several other features of the bill were considerably less favorable. First, one-quarter of the scheduled 1982-83 salary increases for all UW System employees would be witheld. Secondly, the entire permanent property appropriation from GPR was made "unavailable for expenditure," which amounted to a gross reduction for the UW System of some $8 million ($3.2 million for library acquisitions and $4.8 million for other equipment). There was an offsetting appropriation of $5 million from which all affected state agencies might seek relief for depleted equipment budgets, and a request had been sent to Secretary of Administration Kenneth Lindner for at least the University's pro rata share of this supplemental appropriation. While detailed guidelines had not been developed by the Secretary, it was hoped and assumed that the UW System would receive its fair share. Only in that way, the President observed, would the University begin to recover lost support for vitally important library books, journals, and instructional equipment. Finally, the biennial budget adjustment bill transferred to the state general fund fractions of selected program revenue and segregated fund appropriations—2% for the current year and 4% for the following year. While a last-minute amendment excluded from the reduction such vital accounts as continuing education and university auxiliary operations, the loss to various non-GPR activities within the UW System was still serious.

Budget Report on 1982-83 Budget—Reduction of GPR cut to 2%

(Noticed that we have entries on "Salaries" & one on compensation. Perhaps compensation could be consolidated with salaries.)
Regent Fox stated that the Committee next turned to the matter of setting 1982-83 academic tuition and fees. An increase which would average 9% for all students over the 1981-82 fee level, including the spring semester surcharge, was recommended by President O'Neil, who indicated that the fee level was designed not only to meet scheduled increases in compensation, utility costs, and several other items already approved in the biennial budget, but also to help meet two wholly unexpected and very serious additional losses for the coming year: $4.5 million of increased fringe benefits (mainly for escalated insurance premiums) and that portion of the permanent property line which exceeded the System's probable share of the special relief appropriation. If the fee increase were approved, System institutions would still face almost precisely the 2% GPR reduction which the Legislature decreed in the budget adjustment bill. Without such an increase, the reduction would be much closer to 4%. Given the possibility of partial relief through a fee increase, the President thought it fair and reasonable to ask students to bear at least part of these additional burdens. The resulting fees for UW System institutions would still be among the lowest in the region, and even though the proposed rate of increase was higher than the rates for either of the past two years, it would be substantially below expected rates of increase (as well as dollar fee levels) for those universities in surrounding states that had already set the next year's fees. The schedule attempted to treat equitably the relationship between resident and nonresident fees—the latter rising more in dollars, though considerably less in percentages, than the former. The unusually large fee increases for both resident and nonresident medical students were determined by special legislative action.

Emphasizing that he brought this recommendation to the Committee with mixed feelings, President O'Neil said that in one sense he wished the increase could have been lower because these are exceedingly difficult times for students—times of shrinking employment opportunities, rising costs of all sorts, and perilous financial aid prospects. On the other hand, he wished the level of relief were higher because of the continually unfunded inflationary pressures of the past several years, in addition to budget reductions since the summer of 1980 of 4.4%, 1.4%, 2%, 2% and 1%—not to mention the additional problems created by the fringe benefit increase and the loss of permanent property support. In conclusion, he stated that the proposal was an attempt to strike a reasonable balance between unsatisfactory extremes.

In Committee discussion, Regent Erdman urged approval of the recommendation as being the only way to maintain educational quality. Regent Veneman expressed agreement, adding that he also saw no other viable alternative. Regent Lawton supported the resolution but reiterated his concern that Medical School fees were too high. While he recognized that those fees were set in accordance with legislative requirements, he felt the effort should be made to de-escalate the cost of medical education in coming years.

A number of student representatives made presentations to the Committee. Speaking in opposition to any increase in fees, Ms. Wendy Strimling, United Council Legislative Affairs Director, stated that a preferred option was to obtain more state funding and that state government should not be allowed to abdicate its responsibility for support of the University System. Mr. Eric Jernberg, Vice President of the UW-Milwaukee Student Association, expressed concern about continuation of the 25%/75% formula, as well as about the effects of the proposed fee increases on access to the University. While he
acknowledged the need for some increase in fees and tuition, Mr. Gene Weil, Vice President of the UW-Madison Wisconsin Student Association, said that a higher level of state support should be pursued and that the University should find innovative approaches to accomplish additional cost reductions. Mr. John Heiser, a teaching assistant at UW-Milwaukee, recognized that the University was underfunded. Emphasizing, however, that it is critically important to educate more people, he said the proposed tuition rates would limit access, particularly at UW-Milwaukee.

Regent Knowles pointed out, in Committee, that the University is a tax-supported institution with two sources of tax—the general tax received through state appropriations and a user tax in the form of fees and tuition assessed to students. Although he intended to vote for the recommended fee schedule, he had strong objections to the current system of determining support.

Regent Fox moved adoption by the Board of the following resolution, and the motion was seconded by Regent Veneman:

Resolution 2597: That, upon recommendation of the President of the University of Wisconsin System, the attached academic fee/tuition schedule (EXHIBIT B) be approved for the 1982-83 academic year.

Regent Gerrard said he did not agree with many statements made in support of the fee increase. Given the troubled condition of the economy, he remarked that state tax collections were going to be smaller and that the University was going to have to adjust. "Every time we need more money, we pass it on to somebody. I have people coming into my office who are losing their farms and their homes. They have nobody to pass anything on to. They are losing their property. And what do we do? We raise student fees because we can't bite the bullet and cut expenses. I think the time has come when we are going to have to bite the bullet." Although he intended to vote for the resolution, he emphasized that he disliked doing so.

Stating that she thought the University had "bitten the bullet" far too long, Regent Erdman pointed out that faculty salaries for the past decade had not begun to keep up with the rate of inflation, while incomes of many other Wisconsin residents had kept pace with inflation until the current recession. In the last several years, she continued, the University's budget had been cut repeatedly. "And, we are now at the point where our libraries are suffering, our classes are overcrowded. There are many classes that students can't get into and they may well have to go to school five years instead of four." By adopting the proposed increase, she felt the Board would be acting in accordance with its responsibility to maintain the quality of the University of Wisconsin System. Every effort would be made, she added, to insure that students would be helped to obtain financial support, if it was needed. "I can only hope that this will aid in not limiting access of any student who is qualified."

Mr. Ed Emerson, a student at UW-Milwaukee, spoke in opposition to any fee increase on the basis that many students would no longer be able to afford to go to school. At a time when goals for minority student enrollment and retention were not being met, he felt higher costs would limit their numbers even further. Inasmuch as questions of educational quality and access would be increasingly important issues in coming years, he asked that there be student representation on the Board of Regents.
President Erdman noted that the composition of the Board is a matter for legislative determination.

While he supported the fee increase, Regent Heckrodt said he would be reluctant to do so if the Legislature were to use it as an opportunity to decrease state funding. He stated that every effort should be made to prevent such a reduction.

Referring to student presentations to the Business and Finance Committee, Regent Schilling observed that they clearly were speaking from their hearts, as well as from their pocketbooks, and that it seemed natural for student leaders to be against higher costs. After some dialogue, he continued, it also became clear that, while they were not supporting a tuition increase, they were reluctantly acknowledging to some degree that it might be the only course to take. He thought those same student leaders would be hearing more complaints from constituents who could not get into required classes or find needed books in the library. "So I find that, as regents, we are in somewhat the same position as student leaders, in that we would all like to have the Legislature make a better, stronger commitment. But, absent that commitment, the choice is what I think is a fairly modest increase in tuition, as opposed to even more severe problems in terms of fewer books, classes and programs." Indicating that he supported the resolution, he felt student leaders shared the Board's dilemma about the matter.

Regent Finlayson emphasized that the decision had not been an easy one for the regents. "We have pondered over it hard and long, and this decision to vote for the tuition increase does not in any way mean that we are not going to continue our commitment and our effort to try to prevent it from happening again. But I feel it is the only thing we can do at this point."

The question was put on Resolution 2597, and President Erdman announced that it was adopted unanimously, but reluctantly.

Continuing the report of the Business and Finance Committee, Regent Fox stated that the Committee approved 1982-83 auxiliary and segregated fee budgets. In introductory remarks, Vice President Lorenz outlined a number of programmatic and environmental activities in auxiliary operations, such as improvements in residence halls, which included extensive use of carpeting, upgrading of lounges, student decorating, cable TV, and computer hookups. Safety and security was being promoted through installation of smoke detectors, changing locks, and improving lighting. Student centers were continuing to remodel their facilities, and a wide variety of food choices were offered. Recreation facilities also were improved with better tennis courts, exercise stations, jogging trails and bike paths. There was increased participation in intramural athletics, particularly by women students. Health services, with emphasis on wellness, were available to all students, and programs on drug and alcohol abuse were being provided to students in residence halls and student centers.

Mr. Robert J. Clancy, System Director of Auxiliary Operations, then commented, in Committee, on financial considerations, highlighting the point that increases of 7.6% for room rates, 7.4% for board, and 5.2% for segregated fees were reasonable when compared to budget guidelines of 8-9% for salaries and
a 10% increase in the cost of supplies and services. The proposed rates would provide funds for current operations, as well as for capital expenditures. When it was noted that room rate increases included $20 per bed for purchase of smoke detectors in all living quarters, Regent Knowles suggested that the cost of the smoke detectors be capitalized, with the cost spread over more years. The administration was to explore that idea and report back to the Committee the following month.

It was moved by Regent Fox and seconded by Regent Fitzgerald that the following resolution be adopted:

Resolution 2598: That, upon the recommendation of the respective Chancellors and the President of the System, the University of Wisconsin System's operating budget for the fiscal year July 1, 1982, through June 30, 1983, for Auxiliary Enterprises and Segregated Fee Operations, including user charges and other items reflected in Book B, 1982-83 Annual Budget Documentation, May 1982, as presented to the Board and on file with the records of this meeting be approved. Any new programs to be funded by the segregated fee or user charge are subject to review and prior approval by System Administration; and that System Administration, together with the institutions, be authorized to revise and approve budgets in accordance with actual enrollment experience for the first semester 1982-83, or other significant economic factors which necessitate a budget change, subject to approval by the Board, of any room and board or segregated fee rate change.

Regent Lawton pointed out that there was no taxpayers' money involved in those programs. Instead, funding was provided by student segregated fees and user charges.

Noting that this budget was being considered immediately after approval of an academic fee/tuition increase, Regent Schilling called attention to the fact that excellent facilities were available to students at very reasonable costs. While that was not meant to be an offsetting factor, he felt it was important to bear in mind "that our segregated programs have been run very well and have resulted in very high quality, inexpensive services."

Put to the vote, Resolution 2598 was unanimously adopted.

Mr. Gordon Derzon, Superintendent of the University Hospital and Clinics, presented to the Committee the 1982-83 hospital and clinics budget, which had been reviewed and approved by UW-Madison Administration, System Administration, and the Council of Trustees of the UW Hospital and Clinics. A modest increase in patient activity was expected, with about a 1% increase in patient days and a 1.7% increase in outpatient activity. The budget included a requested rate increase of 14.8%, which was required primarily to cover salary increases and inflation in the cost of goods used in providing patient care. Inasmuch as there was no rate increase the previous year, the proposed increase, if calculated on an annual basis, was less than 7.5%. Although the 14.8% increase would generate additional revenues of $11.8 million,
there would still be an operating deficit of $3,860,000 to be covered by the carry-forward balance of June 30, 1982, and various non-cash budgeted items. The June 30, 1983, operating fund cash balance was expected to be $1,770,000. It was noted that the charges per patient day of $510 and the semi-private room rate of $185 were lower than those charged at similar institutions in the region, and Regent Lawton commended the hospital administration for its management efforts.

Resolution 2599 was adopted unanimously, upon motion by Regent Fox, seconded by Regent Veneman.

Resolution 2599: That, upon recommendation of the UW-Madison Chancellor and the President of the System, the University of Wisconsin Hospital and Clinics Operating Budget for the fiscal year July 1, 1982 to June 30, 1983, at an estimated amount of $95,971,000 be approved, and that the rate changes be effective July 1, 1982; that the University Administration be authorized to make the necessary final accounting adjustments; and that the University Administration be authorized to request approval from the Joint Committee on Finance to assess charges for State patients at University of Wisconsin Hospital and Clinics on the basis of a daily rate of $185 to be effective July 1, 1982.

In his report to the Committee, Vice President Lorenz indicated that, since final 1981-82 budget action by the Legislature took place only a week previously, it was not possible to provide a firm figure on the estimated year-end balance. He stated, however, that the University would finish the year with total expenditures being less than total funds available and that any year-end free balance would likely be less than $1 million.

The Committee was also advised that the System Committee on University/Industry Relationships, chaired by Chancellor Swanson, probably would report to the President in September. The results of their deliberations, along with any recommended action, would come to the Board of Regents later in the fall.

Vice Chairman O'Harrow presented the Committee's report.

Indicating that members of the Committee and other regents had participated the previous day in a very interesting and informative tour of the UW-Milwaukee campus, Regent O'Harrow said that, since the last Board meeting, there also had been visits to UW-Superior, UW Center-Marshfield, UW-Madison Marshfield Experimental Farm, the Marshfield Clinic, UW-Stevens Point and UW-Green Bay.
"We find these tours to be very helpful to us as we carry out our responsibilities as regents and extend thanks to everyone associated with them." Adding that members of the Physical Planning and Development Committee could serve as a resource to other regents with respect to what was observed on such tours, Regent O'Harrow cited as an example the joint use of facilities and services in several areas by both University and VTAE students. "I wish to bring to you my concern about this drift or trend to commingle the students--toward a community college development. I am not sure that this ought to be done on a trend basis, but ought to be done up front." He asked President O'Neil and the Education Committee to look into the matter in order to insure that what takes place in this regard is in the best interests of the students.

The Committee approved a $122,500 budget increase in the Center for the Arts project at UW-Platteville, in order to allow planning, bidding and construction of parking, service drive, walkway and walkway lighting improvements associated with the project.

Regent O'Harrow moved adoption of the following resolution, and the motion was seconded by Regent Gerrard:

**Resolution 2600:** That, upon the recommendation of the UW-Platteville Chancellor and the President of the University of Wisconsin System, a budget increase of $122,500 ($83,250 Non-GPR Program Revenues and $39,250 GPR-General Fund Supported Borrowing) be approved and authority be granted to plan, bid and construct parking, service drive, walkway and walkway lighting improvements associated with the project, for a revised total project cost of $5,222,500.

While he supported the resolution, Regent Beckwith said he was somewhat troubled by a policy matter underlying it. Noting that the need for parking must have been known when the project was brought forward for approval, he stated that it would be preferable to know the true total costs up front, rather than adding them later.

Regent Hendrickson indicated that the original budget had been cut back more than a million and a half dollars, after which the bids came in higher than expected. He thought the requested increase related to being caught in that trap.

Regent Beckwith said he was not opposed to this particular request because it involved a relatively small amount for a very large and worthy project. As a matter of principle, however, he considered it desirable to know at the outset the full scope of projects and their total costs.

Noting that the same question had been raised during the Committee meeting, Regent Heckrodt said the explanation had been that it was common procedure to complete construction before making final determinations as to landscaping and related matters. He felt that Regent Beckwith's point was well taken.
The question was put on Resolution 2600, and it was adopted unanimously.

Regent O'Harrow reported that the Committee considered the purchase of a 0.42-acre parcel of land at 224 Case Street in the City of Whitewater, at a cost of $50,000 plus approximately $8,000 in relocation costs, from GPR-supported land acquisition funds. Immediately adjacent to the Business-Economics Building at UW-Whitewater, the lot included a very old house which would be demolished to provide adequate side yard and open space. Appraised at $50,000 and $51,000 in April 1982, an option had been secured for $50,000.

Upon motion by Regent O'Harrow, seconded by Regent Fitzgerald, the following resolution was unanimously adopted:

Resolution 2601: That, upon the recommendation of the UW-Whitewater Chancellor and the President of the University of Wisconsin System, approval be granted to purchase a 0.42 acre parcel of land at 224 Case Street in the City of Whitewater at a cost of $50,000 plus $8,000 in relocation costs, from GPR-supported Land Acquisition Funds.

The Committee then reviewed a concept and budget report for energy modifications in the Klotsche Physical Education Center, Mellencamp Hall, the Fine Arts Center and the Chemistry Building at UW-Milwaukee, at a cost of $1,390,800 from GPR-supported general obligation bonding, with authority to plan, bid and construct. The modifications to be made in those four buildings were based on energy conservation recommendations resulting from field audits conducted by energy conservation staff within the System's energy management unit. Estimated construction costs of $1.126 million for implementing the project were calculated to have a first-year cost avoidance of $278,904 and a discounted pay-back period of 3.9 years.

It was moved by Regent O'Harrow and seconded by Regent Gerrard that the following resolution be adopted:

Resolution 2602: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, the concept and budget report for the Energy Modifications - Four Buildings (Klotsche Physical Education Center/Mellencamp Hall/Chemistry Building/Fine Arts Center) be approved and authority granted to plan, bid and construct the project at an estimated total project cost of $1,390,800 from GPR-supported General Obligation Bonding.

Regent Gerrard commented that the pay-back period of 3.9 years was very significant, particularly for so large a project.

In response to an inquiry by Regent Erdman about the interest rate, Vice President Winter indicated that it was 12% for general obligation bonding.
Inasmuch as some of the buildings involved in the project were quite new, Regent Beckwith asked if the need for these energy conservation features could not have been anticipated when the buildings were designed or if new technology was being employed.

Regent O'Harrow indicated there had not been that kind of foresight when the buildings were constructed, noting that one wondered also if General Motors could not have anticipated rising fuel costs in its design of automobiles. He added that pay-back on energy conservation projects had been excellent throughout the System.

Regent Beckwith recalled that the Klotsche Center was completed after energy costs had begun to rise. While he felt the project was commendable, he questioned why a five- or six-year-old building should have to be insulated.

Noting that it sometimes took several years to get started on various insulation projects, Regent Gerrard did not think University staff could be faulted for lack of foresight. "Like Regent O'Harrow said about General Motors, nobody anticipated that."

Regent Heckrodt added that, because some facilities and campuses were planned for much larger populations than they were serving, it was necessary to go back and make modifications. Although the best estimates available at the time were used in that planning, he observed, some of them had turned out to be wrong.

The question was put on Resolution 2602, and it was unanimously adopted.

With regard to the point made by Regent Heckrodt, Regent Gerrard said the Committee was advised that, although UW-Green Bay had 150,000 pounds of steam capacity, peak use had not exceeded 35,000. From both heating and facilities standpoints, he indicated, the campus had been designed for five times the capacity currently needed.

Stating that there were many devices in the energy field which were less than six years old, Regent Veneman explained that their development in the last few years had been prompted by the escalation of fuel costs, and that demand for them prior to that time was literally nonexistent.

Regent O'Harrow continued the report of the Physical Planning and Development Committee, presenting a request by UW-Extension for renewal of a lease of space at 1902 East Johnson Street in Madison to be used for storage of duplicating paper.

Adoption of Resolution 2603 was moved by Regent O'Harrow and seconded by Regent Jesinski.
Resolution 2603: That, upon the recommendation of the UW Extension Chancellor and the President of the University of Wisconsin System, authorization be granted to enter into the following lease:

902 East Johnson Street
Madison, Wisconsin 53704

Reynolds Estate
301 S. Blount Street
Madison, Wisconsin 53703

The lease covers 5,000 square feet of storage space for the period July 1, 1982 through June 30, 1983 at an annual cost of $10,500 ($2.10 per square foot).

Regent Erdman said it was her understanding that all supplies in the Madison area were to be consolidated into one storage area.

While the effort was being made to move in that direction, Chancellor Evans indicated, consolidation had not yet been completed.

Put to the vote, Resolution 2603 was adopted unanimously.

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

Resolution 2604: That, upon the recommendation of the UW-LaCrosse, Madison, Milwaukee and Stevens Point 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 cost and from the funding sources indicated:

**UW-LaCrosse - Bldgs & Hands**


**UW-Madison - Bacteriology Bldg. - UW-Mem**

- Approval of Bacteriology Building Masonry Repairs Project, Cap. Imp. Fund Earnings Min. Maint./Health and Safety Alloc. - GPR R.2604, P.31-32 - $12,000

**UW-Milwaukee - Bldgs & Hands**

- Approval of Sabin Hall Elevator Project, QB-Handicapped Access Improvements Alloc. - GPR - $170,000


(Over)
Regent O'Harro reported that the Committee discussed a request for approval to secure release of $65,000 of state building trust funds, so that a study could be undertaken to determine whether the installation of a coal-burning heating plant would be feasible for UW-Milwaukee and would justify further planning and development. A November 1978 heating plant study contained a long-term planning recommendation that an addition be constructed on the heating plant to house a coal gasifier plant. In addition to site restrictions which would be associated with carrying out this recommendation, however, any proposal to install a coal-fired steam generation system at an urban university located in a high-density residential setting required careful consideration before concluding that a coal gasifier plant would be the best solution. After thoroughly discussing this request with System and campus staff, the Committee concluded that the proposed study was the most effective way to approach the problem. It was noted that significant energy savings could be achieved if the campus did not have to rely totally on natural gas and heavy oil.

Upon motion by Regent O'Harro, seconded by Regent Fitzgerald, Resolution 2605 was adopted unanimously.

Resolution 2605: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, approval be granted to request from the State Building Commission the release of $65,000 of GPR-Supported State Building Trust Funds-Planning so that a Coal-Fired Steam Generation System Installation Study can be conducted at UW-Milwaukee.

The 1982 Campus Transportation Plan for UW-Parkside was presented to the Committee by Assistant Chancellor Gary Goetz. Another in a series of campus transportation plans prepared in response to Board Resolution 2222 and Section 291 er. 36.11 (8m), Wis. Stats., it was developed in close cooperation with planning efforts of the Cities of Kenosha and Racine and the Southeastern Wisconsin Regional Planning Commission.

Regent O'Harro moved adoption of the following resolution. The motion was seconded by Regent Finlayson and unanimously carried.
Resolution 2606: That, upon the recommendation of the UW-Parkside Chancellor and the President of the University of Wisconsin System, the 1982 Campus Transportation Plan for the University of Wisconsin-Parkside, prepared in response to Resolution 2222 which directed each campus to base its transportation planning efforts upon Section 291 er. 36.11 (8m), Wisconsin Statutes, be adopted.

Energy Conservation—report on cost savings in heating plants, p.33

Regent O'Harrow stated that the Committee heard an interesting report on energy conservation and other cost-saving efforts in campus heating plant operations in a presentation by Mr. Richard Woroch, a member of the UW System energy management unit and former chief mechanical engineer for the UW-Madison campus, which included responsibility for operation of the Charter Street Steam Generation Plant. It was felt by the Committee members that statistics included in the material prepared by Mr. Woroch were extremely impressive and that the System has done a very commendable job in achieving significant savings.

Physical Education Bldg, East Campus, UW-Msh—report that construction bids for the UW-Madison East Campus Physical Education/Recreation Building were within budget, p.20.

In his report to the Committee, Vice President Winter indicated that construction bids for the UW-Madison East Campus Physical Education/Recreation Building were within budget. The Committee also was advised that staff was proceeding to obtain approval to bid and construct the most urgent projects authorized in the budget adjustment bill. Authority to bid and construct had been received for the chilled water extension to the UW-Madison agriculture campus, and authority had been requested to bid the UW-Madison Birge Hall renovation and the UW-Stout vocational rehabilitation remodeling projects. It was noted that the System continued to receive favorable action from the State Building Commission on its requests.

Birge Hall—UW-Msh—request to Bldg Comm to bid renovations, p.32.

Regent O'Harrow stated that five additional minor projects received Committee approval. The first four, requested by UW-Madison, were: roof replacement and some masonry repairs at Memorial Library, roof replacement on the Physical Plant Garage, masonry repairs at the Engineering Research Building, and correction of plaza deck leaks at Elizabeth Waters Residence Hall. The last project, at UW-Oshkosh, involved remodeling approximately 4,200 square feet of space in the River Commons Building to accommodate the needs of Division of Corrections training.

Adoption of Resolution 2607 was moved by Regent O'Harrow, seconded by Regent Heckrodt, and carried unanimously.

Resolution 2607: That, upon the recommendation of the UW-Madison and UW-Oshkosh Chancellors and the President of the University of Wisconsin System, authorization be granted to plan, bid and construct the following minor projects, at the cost and from the funding sources indicated:
The Committee then considered a request to increase the budget for the UW-Madison Nutritional Sciences project, which involved remodeling of the former children's hospital. The project had been designed in accordance with State Administrative Code requirements for fire dampers in ducts serving fume hoods, which conflicted with National Fire Safety Code provisions regarding the use of dampers. It was noted that noncompliance with federal fire safety requirements could jeopardize federally supported programs and that the building could not be occupied until fireproofing treatment was completed and the ventilation system was operational.

The following resolution was unanimously adopted, upon motion by Regent O'Harrow, seconded by Regent Finlayson:

Resolution 2608: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to increase the budget for the Nutritional Sciences Conversion - Phases I and II Project by $115,000 of GPR-Residual Bonding Authority for a revised total project cost of $3,013,000.

A presentation was made to the Committee by Mr. Donald R. Brown, Vice President of Telephone and Data Systems, Inc., whose firm had submitted an offer to purchase a portion of the UW-Madison's Seed Farm as a site for its operation. Following his presentation, the Committee discussed the matter with Mr. Brown and Mr. Wayne McGown, Special Assistant to Chancellor Shain.
At 11:35 a.m., the following resolution, moved by Regent Beckwith and seconded by Regent Jesinski, was carried on a unanimous roll call vote, with Regents Beckwith, Erdman, Finlayson, Fox, Gerrard, Heckrodt, Jesinski, Knowles, Lawton, O'Harrow, Podlesny and Veneman voting "Aye" (12) and no regents voting "No."

Resolution 2609: That the Board of Regents recess into closed session to consider personnel matters, as permitted by s. 19.85(1)(c), Wis. Stats.

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CLOSED SESSION ACTIONS

The Board from closed session at 11:55 a.m., and adoption of the following resolution was announced:

Resolution 2610: That, upon the recommendation of the President of the University of Wisconsin System, the request for authorization to recruit for a Vice Chancellor, University of Wisconsin-Extension be approved.

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The meeting was adjourned at 11:55 a.m.

May 21, 1982

Judith A. Temby
Secretary
UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

1. MR. AND MRS. ARNOLD FRANCO
   NEW YORK, NY
   CHINESE, EQUESTRIAN FIGURE, CERAMIC, OF THE SUI
   DYNASTY GIVEN IN HONOR OF EARL MORSE, CLASS OF
   1927
   GIFT-IN-KIND
   MSN LBS ELVJM MUSEUM ART

2. ESTATE OF PROFESSOR HOLMES WELCH OF HARVARD
   UNIVERSITY BY MR. NATHANIEL WELCH - WINCHESTER, MA
   COLLECTION OF MATERIALS ON BUDDHISM AND CHINESE
   STUDIES
   GIFT-IN-KIND
   MSN LIBR GENERAL LIBRARY

INSTRUCTION

1. SHIRLEY WATSON
   MADISON, WI
   MARJORIE PAQUIN MEMORIAL AWARD (TRUST PRINCIPAL)
   MSN HS-HSP ADMINISTRATION ADMIN (TRUST) 1,000.00

2. ADDISON-WESLEY PUBLISHING COMPANY
   C/O UW IGE TEACHER EDUCATION PROJECT
   UW IGE TEACHER EDUCATION PROJECT
   (TRUST PRINCIPAL)
   MSN EDUC GENERAL ADMIN DEANS OFF (TRUST) 77.22

3. EDUCATION, DEPT. OF
   WASHINGTON, DC
   NATIONAL RESOURCE CENTERS AND FELLOWSHIPS-EAST
   EUROPEAN AREA STUDIES PROGRAM
   FOR THE PERIOD 08-15-81 THROUGH 08-14-83
   AT A TOTAL COST OF $95,000.00
   AWARD # GOOB102629, MOD. 1
   MSN GRAD (144-R301) 44,840.00

4. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
   BETHESDA, MD
   DEVELOPMENT OF A COURSE ON PREVENTION, FOCUSING ON
   CANCER, FOR MEDICAL STUDENTS/RESIDENTS
   FOR THE PERIOD 09-28-79 THROUGH 09-27-82
   AT A TOTAL COST OF $187,168.00
   AWARD # NO1-CN-85434, MOD. 4
   MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-N803) 30,402.00

5. UNIVERSITY PEDIATRIC ASSOCIATES
   MADISON, WI
   INSTRUCTION AND TRAINING OF HOUSE STAFF PHYSICIANS
   AT THE UNIVERSITY OF WISCONSIN MEDICAL CENTER
   MSN HS-MED PEDIATRICS (139-C437) 2,325.00

6. MULTIPLE DONORS
   1982 WATER RESOURCES MANAGEMENT SUMMER WORKSHOP
   MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-F170) 1,700.00
GIFTS, GRANTS AND CONTRACTS
MAY 07, 1982

UNIVERSITY OF WISCONSIN - MADISON

LIBRARIES

1. MULTIPLE DONORS
   WILLIAM L. CALDWELL MEMORIAL LIBRARY IN
   RADIATION ONCOLOGY (TRUST PRINCIPAL)
   MSN HS-MED HUMAN ONCOLOGY
   (TRUST) 16.00

2. UNIVERSITY OF WISCONSIN FOUNDATION
   MADISON, WI
   SUMNER MEMORIAL LIBRARY FUND
   MSN AG&LSC JOURNALISM (AGR) (133-D145) 600.00

3. MULTIPLE DONORS
   FRIENDS OF THE STEENBOCK LIBRARY
   MSN LIBR STEENBOCK AG LIB
   (133-E402) 82.00

4. NORMAN (ANDREW) CHARITABLE TRUST
   LOS ANGELES, CA
   PURCHASE OF BOOKS ON FREE THOUGHT
   FOR THE MEMORIAL LIBRARY
   MSN LIBR GENERAL LIBRARY
   (133-E811) 2,000.00

5. MULTIPLE DONORS
   FRIENDS OF THE UNIVERSITY LIBRARY FUND
   MSN LIBR GENERAL LIBRARY
   (133-0822) 96.00

MISCELLANEOUS

1. FIRST WISCONSIN - MADISON
   MADISON, WI -- QUARTERLY DISTRIBUTION FROM
   THE SCHORGER TRUST
   A. W. SCHORGER TRUST FUND (TRUST INCOME)
   MSN AG&LSC NAT RESOURCES WLIFE ECOL (TRUST) 9,657.17

2. UNIVERSITY OF WISCONSIN FOUNDATION
   MADISON, WI
   KNAPP TRUST FUND
   (TRUST INCOME) MSN
   (TRUST) 10.00

3. MARSHALL & ILSLEY TRUST SERVICES - MADISON, WI
   REPRESENTING A DISTRIBUTION FROM ARTHUR STRELOW
   TRUST TO ESTABLISH THIS FUND FOR USE AT THE DIS-
   CRETION OF THE CHAIRMAN OF THE SCHOOL OF MUSIC
   FOR STUDENT ASSISTANCE OR FURNISHINGS & EQUIPMT.
   IDELLE C. STRELOW MEMORIAL FUND (TRUST INCOME)
   MSN L&S SCHOOL OF MUSIC (TRUST) 13,758.00

4. FIRST BANK & TRUST CO. - BURLINGTON, WI
   DISTRIBUTION OF INCOME TO ESTABLISH THIS
   FUND TO BE USED BY THE DEAN OF LETTERS &
   SCIENCE FOR ENRICHING PROGRAMS IN THE
   HUMANITIES AT UW-MADISON
   MARIE Z. DWYER FUND - MSN (TRUST INCOME)
   MSN L&S (TRUST) 1,316.51
## UNIVERSITY OF WISCONSIN - MADISON

### MISCELLANEOUS

5. **C. N. WOOLSEY LECTURESHIP FUND**  
   **(TRUST PRINCIPAL)**  
   MSN HS-MED  
   **(TRUST)**  
   - **35.00**  
     NATHAN B. GROSS  
     ANN ARBOR, MI  
   - **50.00**  
     GEORGE ALBIN, M.D.  
     BAKERSFIELD, CA  
   **85.00**

6. **WI BRD OF VOC TECH & ADULT EDUCATION**  
   MADISON, WI  
   PRIME CONTRACTOR WITH DED  
   HEALTH OCCUPATIONS EDUCATION PROFESSIONAL DEVELOPMENT TRAINING  
   FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
   AWARD # AGR DTD 10/19/81  
   MSN EDUC WIS VOC STU CTR W VOC ST C  
   **(144-R062)**  
   **4,000.00**

7. **WI DEPT OF HEALTH AND SOCIAL SERVICES**  
   MADISON, WI  
   PRIME CONTRACTOR WITH DHHS  
   AN INVESTIGATION OF THE SOCIAL IMPACT OF CHANGES IN PROGRAM ELIGIBILITY ON WISCONSIN'S ECONOMIC ASSISTANCE RECIPIENTS  
   FOR THE PERIOD 03-15-82 THROUGH 06-30-82  
   AWARD # GAB 45106  
   MSN AG&LSC SOCIOLOGY(RURAL)  
   **(144-R869)**  
   **28,614.00**

8. **STATE, AGENCY FOR INTERNATIONAL DEVELOP**  
   WASHINGTON, DC  
   INTERGOVERNMENTAL PERSONNEL ACT (IPA)  
   JEAN WEIDEMANN  
   FOR THE PERIOD 03-01-82 THROUGH 02-28-84  
   AWARD # AGR DTD 02-26-82  
   MSN AG&LSC LAND TENURE CTR  
   **(144-R841)**  
   **105,463.00**

9. **UNIVERSITY SURGICAL ASSOCIATES**  
   MADISON, WI  
   SUPPORT AUDIOLoGIST  
   MSN HS-MED SURGERY  
   **(133-A013)**  
   **25,533.07**

10. **UNIVERSITY PEDIATRIC ASSOCIATES**  
    MADISON, WI  
    DEPARTMENT OF PEDIATRICS CHAIRMAN'S DISCRETIONARY FUND  
    MSN HS-MED PEDIATRICS  
    **(133-A528)**  
    **16,000.00**

11. **UNIVERSITY OF WISCONSIN FOUNDATION**  
    MADISON, WI  
    FRIENDS OF THE ELVEHJEM ART CENTER  
    MSN L&S ELYJUM MUSEUM ART  
    **(133-B163)**  
    **1,000.00**

12. **UNIVERSITY OF WISCONSIN FOUNDATION**  
    MADISON, WI  
    SUPERIOR TEACHING ASSISTANTS AWARDS  
    MSN GRAD  
    **(133-B520)**  
    **1,800.00**
UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

13. UNIVERSITY OF WISCONSIN FOUNDATION
   MADISON, WI
   GRADUATE SCHOOL APPLICATION FEE GRANTS
   MSN GRAD ADMINISTRATION ADMIN (133-B971) 500.00

14. WISCONSIN LIONS EYE BANK - SPECIAL ACCOUNT
    MSN HS-HSP ADMINISTRATION ADMIN (133-C007)
    4,000.00 UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    250.00 MULTIPLE DONORS

    4,250.00

15. UNIVERSITY SURGICAL ASSOCIATES
    MADISON, WI
    SURGICAL ASSOCIATES ACCOUNT EXAMINER SALARY
    SUPPORT
    MSN HS-MED SURGERY (133-C334) 15,000.00

16. MULTIPLE DONORS
    DEPARTMENT OF AGRICULTURAL ENGINEERING CHAIRMAN'S
    DISCRETIONARY ACCOUNT
    MSN AG&LSC ENGR (AGR) (133-C852) 100.00

17. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    RESEARCH AND INSTRUCTION IN THE COMPUTER
    SCIENCES DEPARTMENT
    MSN L&S COMPUTER SCI (133-D865) 5,000.00

18. UOP, INC
    DES PLAINES, IL
    UNRESTRICTED GRANT TO THE DEPARTMENT
    OF CHEMISTRY
    MSN L&S CHEMISTRY (133-E030) 1,000.00

19. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    PROVIDE EQUIPMENT FOR MUSEUM AND LECTURE HALL
    MSN L&S GEOL & GEOPHYSICS (133-E032) 25,000.00

20. MULTIPLE DONORS
    DEPARTMENT OF MEDICINE DISCRETIONARY FUND
    MSN HS-MED MEDICINE (133-E309) 200.00

21. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    MEDICAL SCHOOL DEVELOPMENT FUND
    MSN HS-MED (133-E517) 285,000.00

22. MULTIPLE DONORS
    ADMINISTRATIVE AND CLERICAL SUPPORT STAFF
    IN THE DEPARTMENT OF NEUROLOGY
    MSN HS-MED NEUROLOGY (133-E647) 675.00
MISCELLANEOUS

23. UNIVERSITY ONCOLOGISTS
   MADISON, WI
   SUPPORT ADMINISTRATIVE AND CLERICAL SUPPORT STAFF
   IN THE DEPARTMENT OF HUMAN ONCOLOGY
   MSN HS-MED HUMAN ONCOLOGY (133-E649) 1,800.00

24. DEFRAY COST OF COMMUNICATION AIDS FOR PATIENTS
   IN THE COMMUNICATIVE DISORDERS CLINIC
   MSN HS-HSP ADMINISTRATION ADMIN (133-E849)
   2,500.00 ARTHUR STRELOW CHARITABLE TRUST
   MADISON, WI
   2,810.00 MULTIPLE DONORS
   5,310.00

25. HARRIS (JOSEPH) COMPANY
    ROCHESTER, NY
    WISCONSIN HERBARIUM FUND
    MSN LABS BOTANY (133-F151) 1,000.00

26. RURAL MUTUAL INSURANCE COMPANY
    MADISON, WI
    FILM PRODUCTION OF ACCIDENT PREVENTION ON
    THE FARM
    MSN AG&LSC JOURNALISM (AGR) (133-F166) 15,000.00

27. RURAL SECURITY LIFE INSURANCE COMPANY
    MADISON, WI
    FILM PRODUCTION OF ACCIDENT PREVENTION ON
    THE FARM
    MSN AG&LSC JOURNALISM (AGR) (133-F167) 15,000.00

28. CATERPILLAR TRACTOR COMPANY
    PEORIA, IL
    UNRESTRICTED GRANT FOR COOPERATIVE EDUCATION
    PROGRAM
    MSN ENGR ADMINISTRATION (133-F171) 800.00

29. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    DEPARTMENT OF ECONOMICS SPECIAL FUND
    MSN LABS ECONOMICS (133-F185) 650.00

30. CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT
    MSN BUS SCH OF BUSINESS (133-5984)
    100.00 MULTIPLE DONORS
    100.00 UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    200.00

31. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    DEFRAY COST OF PLANTINGS IN THE LONGENECKER
    HORTICULTURAL GARDENS AT THE UW-MADISON ARBORETUM
    MSN ARBOR ARBORETUM (133-7854) 100.00
| **32. UNIVERSITY OF WISCONSIN FOUNDATION** |
| **MADISON, WI** |
| **ENVIRONMENTAL AWARENESS CENTER DEVELOPMENT FUND** |
| MSN AG&SC NAT RESOURCES ENV AW CTR (133-8925) | 100.00 |

| **33. MULTIPLE DONORS** |
| **DISCRETIONARY GRANT FOR THE CHAIRMAN OF THE DEPARTMENT OF RURAL SOCIOLOGY** |
| MSN AG&SC SOCIOLOGY(RURAL) (133-8975) | 372.75 |

| **34. MULTIPLE DONORS** |
| **WISCONSIN REGIONAL PRIMATE CENTER DIRECTOR'S DISCRETIONARY GRANT** |
| MSN L&S PRIMATE RES CTR (133-9599) | 100.00 |

| **RESEARCH** |
| **1. DIFCO LABORATORIES** |
| **DETROIT, MI** |
| **FIELD EVALUATION OF BACTO YERSINIA SELECTIVE AGAR BASE AND BACTO YERSINIA ANTIMICROBIC SUPPLEMENT CN FOR THE PERIOD 03-15-82 THROUGH 09-15-82** |
| MSN HS-HYG DNR, HSS PROJS |

| **2. W. STERLING EDWARDS** |
| **ALBUQUERQUE, NM** |
| **$ 1,083.33** |
| **MADISON ACADEMY OF INTERNAL MEDICINE - MADISON, WI** |
| **IMMUNOMODULATOR RESEARCH FUND IN HUMAN ONCOLOGY** |
| MSN HS-MED HUMAN ONCOLOGY (TRUST) | 1,283.33 |

| **3. UNION CARBIDE CORPORATION - CHARLESTON, W.VA.** |
| **TO ESTABLISH THIS FUND TO SUPPORT ORIGINAL EXPERIMENTAL WORK UNDER THE DIRECTION OF PROFESSOR CHARLES P. CASEY. INNOVATION RECOGNITION RESEARCH PROGRAM** |
| MSN L&S CHEMISTRY (TRUST) | 5,000.00 |

| **4. SMITH LABORATORIES - NORTHBROOK, IL --** |
| **TO ESTABLISH THIS FUND WHICH IS AVAILABLE FOR NEUROSURGICAL RESEARCH IN THE DEPARTMENT OF SURGERY UNDER THE DIRECTION OF DR. JAVID. NEUROSURGICAL RESEARCH FUND FOR DR. JAVID** |
| MSN HS-MED SURGERY NEUROSURG (TRUST) | 8,668.00 |

| **5. GLAXO OPERATIONS UK LIMITED** |
| **TO ESTABLISH THIS FUND FOR TUBERCULOSIS RESEARCH** |
| **TUBERCULOSIS RESEARCH FUND** |
| MSN HS-MED MED MICROBIOLOGY (TRUST) | 13,020.10 |
RESEARCH

6. MULTIPLE DONORS
   HARRY WAIMAN MEMORIAL FUND
   (TRUST PRINCIPAL)
   MSN HS-MED
   (TRUST) 30.00

7. WISCONSIN CLINICAL CANCER TRUST FUND
   (TRUST PRINCIPAL)
   MSN HS-MED HUMAN ONCOLOGY
   (TRUST) 50.00 MULTIPLE DONORS
   395.00 MR. & MRS. WILLIAM HOEFS
   LA CROSSE, WI
   75.00 FRANCIS BAXTER - MADISON, WI
   MULTIPLE DONORS $120.00
   200.00 445.00

8. MULTIPLE DONORS
   PROFESSOR DAVID PERLMAN MEMORIAL FUND IN HUMAN
   ONCOLOGY (TRUST PRINCIPAL)
   MSN HS-MED HUMAN ONCOLOGY
   (TRUST) 65.00

9. AGRIC, ECON, STAT, & COOP SERVICE
   WASHINGTON, DC
   ECONOMIC-SOCIAL CHARACTERISTICS OF THE SMALL-
   FARM POPULATION
   FOR THE PERIOD 09-19-79 THROUGH 09-30-85
   AT A TOTAL COST OF $238,000.00
   AWARD # 58-3195-S-9-2714, MOD. 3
   MSN AG&LSC ECONOMICS (AGR) (144-N782) 160,000.00

10. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
    ASHEVILLE, NC
    IN SUPPORT OF THE FOLLOWING:
    1) GOES ARCHIVE SUPPORT PROGRAM
       FOR THE PERIOD 12-01-79 THROUGH 09-30-82
       AT A TOTAL COST OF $441,208.00
       AWARD # NABODA-900098, MOD. 3
       MSN GRAD SPACE SCI&ENG CT (144-P673) 96,680.00
    2) GOES ARCHIVE SUPPORT PROGRAM - SUBACCOUNT
       FOR THE PERIOD 12-01-79 THROUGH 09-30-82
       AT A TOTAL COST OF $76,000.00
       AWARD # NABODA-900098, MOD. 3
       MSN GRAD SPACE SCI&ENG CT (144-R129) 20,000.00

11. EDUCATION, DEPT OF
    WASHINGTON, DC
    REHABILITATION ENGINEERING CENTER ON FUNCTIONAL
    INFORMATION ACCESS AND TRANSFER
    FOR THE PERIOD 02-01-82 THROUGH 01-31-83
    AWARD # GOO82000049
    MSN GRAD WAISMN RETARD CT (144-R757) 100,000.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

12. DED. NATIONAL INSTITUTE OF EDUCATION
WASHINGTON, DC
WISCONSIN RESEARCH & DEVELOPMENT CENTER FOR
INDIVIDUALIZED SCHOOLING
FOR THE PERIOD 12-01-81 THROUGH 11-30-82
AT A TOTAL COST OF $669,134.00
AWARD # NIE-G-81-0009, MOD. 1
MSN EDUC WIS CTR EDUC RES (144-R631) 334,567.00

13. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:

1) CONTROLLED CLINICAL TRIAL TO EVALUATE THE EARLY TREATMENT OF DIABETIC RETINOPATHY
FOR THE PERIOD 09-30-77 THROUGH 03-31-83
AT A TOTAL COST OF $652,478.00
AWARD # NO1 EY-7-2139, MOD. 8
MSN HS-MED OPTHALMOLOGY (144-K794) 140,744.00

2) RADIIOIMMUNOASSAYS FOR DIAGNOSIS OF SEVERE CANDIDIASIS
(REDUCED IN ACCORDANCE WITH LETTER FROM UNIVERSITY DTD 02-23-82)
FOR THE PERIOD 05-01-81 THROUGH 04-30-82
AT A TOTAL COST OF $50,838.00
AWARD # 3 R01 AI15662-03S1, MOD. 1
MSN HS-MED MEDICINE INFECT DIS (144-Q765) 9,485.00

3) URINARY BLADDER CARCINOGENESIS BY BRAKEN FERN
FOR THE PERIOD 06-01-81 THROUGH 05-31-82
AT A TOTAL COST OF $56,751.00
AWARD # S R01 AG01029-03S1
MSN HS-MED OBSTET & GYNECOL (144-R434) 194,851.00

4) STUDIES ON HEPATIC OVAL CELLS IN CULTURE AND IN VIVO (BUDGET REDUCED TO REFLECT INDIRECT COST ADJUSTMENT DUE TO EQUIPMENT REBUDGETING)
FOR THE PERIOD 09-30-81 THROUGH 06-30-82
AT A TOTAL COST OF $68,652.00
AWARD # 1 R01 CA30102-01, MOD. 1
MSN HS-MED ANATOMY (144-R537) 1,634.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

8) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 11-01-81 THROUGH 10-31-82
AT A TOTAL COST OF $17,040.00
AWARD # 5 F32 HD06008-02, MOD. 1
MSN AG&LSC BIOCHEMISTRY

9) CYTOTOXIC MACROCycles: CYTOCHALASIN,
PYRROLIZIDINE ANAL
FOR THE PERIOD 01-01-82 THROUGH 12-31-82
AWARD # 5 RO1 CA17918-06
MSN L&S CHEMISTRY

10) SURFACE TRANSFERASE: PROPERTIES AND ROLE IN CELL
ADHESION
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 5 RO1 GM29131-02
MSN L&S ZOOLOGY

11) BIOCHEMICAL AND CLINICAL ASPECTS OF STEROID
RECEPTORS
FOR THE PERIOD 03-01-82 THROUGH 02-28-83
AWARD # 5 RO1 GM27651-03
MSN L&S CHEMISTRY

12) ION AND POLYION DYNAMICS IN DNA SOLUTIONS
FOR THE PERIOD 03-01-82 THROUGH 02-28-83
AWARD # 5 RO1 HD13964-03
MSN AG&LSC DAIRY SCIENCE

13) FSH CONTROL OF OVARIAN PROTEOGLYCAN SYNTHESIS
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 5 RO1 HD15433-02
MSN L&S PRIMATE RES CTR

14) ORGANOSELENIUM COMPOUNDS: BIOSYNTHESIS AND
FUNCTION
FOR THE PERIOD 03-01-82 THROUGH 11-30-82
AWARD # 2 RO1 AM14184-13
MSN AG&LSC NUTRIT SCIENCES

15) HYPOTHALAMIC CONTROL OF GONADOTROPIN SECRETION
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 5 RO1 HD15433-02
MSN L&S PRIMATE RES CTR

16) TRANSLATION OF RNA VIRUS MESSENGERS
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 5 RO1 AI15342-09
MSN GRAD BIOPHYSICS

17) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 5 F32 EO15449-03
MSN L&S PSYCHOLOGY

AWARD # 5 RO1 CA17918-06
MSN L&S CHEMISTRY

AWARD # 5 RO1 GM29131-02
MSN L&S ZOOLOGY

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MSN L&S CHEMISTRY

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AWARD # 5 RO1 AI15342-09
MSN GRAD BIOPHYSICS

AWARD # 5 F32 EO15449-03
MSN L&S PSYCHOLOGY

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MAY 07, 1982

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8) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 11-01-81 THROUGH 10-31-82
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AWARD # 5 F32 HD06008-02, MOD. 1
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15) HYPOTHALAMIC CONTROL OF GONADOTROPIN SECRETION
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 5 RO1 HD15433-02
MSN L&S PRIMATE RES CTR

16) TRANSLATION OF RNA VIRUS MESSENGERS
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 5 RO1 AI15342-09
MSN GRAD BIOPHYSICS

17) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 5 F32 EO15449-03
MSN L&S PSYCHOLOGY
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<th>Project Description</th>
<th>Award Number</th>
<th>Award Amount</th>
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<tr>
<td>18) STUDIES IN ORGAN PRESERVATION FOR THE PERIOD 04-01-82 THROUGH 03-31-83</td>
<td>R01 AM18624-07</td>
<td>190,714.00</td>
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<td>19) IMMUNIZATION AGAINST URINARY TRACT INFECTION</td>
<td>R01 AM30808-01</td>
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<td>20) CHARACTERIZATION OF TRANSCRIPTIONALLY REGULATED GENES FOR THE PERIOD 04-01-82</td>
<td>R01 GM27870-03</td>
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<td>21) ELECTRORETINOGRAPHIC STUDIES IN DIABETIC RETINOPATHY FOR THE PERIOD 04-01-82</td>
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<td>120,210.00</td>
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<td>22) ANALYSIS OF INTEGRATION MECHANISM OF BACTERIOPHAGE MU</td>
<td>R15 AI12731-07</td>
<td>105,210.00</td>
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<td>23) THE USE OF MICROBIAL SYSTEMS IN ORGANIC SYNTHESIS</td>
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<td>24) NEURONAL PATTERNS AND SYNAPSES IN CULTURED CHOLEA</td>
<td>R01 NS15061-04</td>
<td>96,224.00</td>
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<td>25) SYNTHESIS AND LOCALIZATION OF LYSOSOMAL ENZYMES</td>
<td>R01 GM29156-02</td>
<td>89,034.00</td>
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<td>26) FRAMESHIFT SUPPRESSORS AND TRANSFER RNA IN YEAST</td>
<td>R01 GM26217-04</td>
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<td>27) T LYMPHOCYTE HYBRIDS AND LYMPHOBLASTOID VARIANTS</td>
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<td>28) BIOMEDICAL RESEARCH SUPPORT GRANT</td>
<td>R01 RRO5866-01</td>
<td>17,758.00</td>
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29) DNA MODIFICATION BY POLYCYCLIC HYDROCARBONS
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 5 RO1 CA16265-08
MSN HS-MED PHARMACOLOGY (144-R889) 89,674.00

30) BIOCHEMISTRY OF CARDIOTONIC STEROID-NAK-ATPASE
COMPLEX
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 5 RO1 HL16549-07
MSN HS-MED PHARMACOLOGY (144-R890) 93,509.00

31) PATIENTS WITH EARLY COLON AND RECTAL CANCER
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 1 U10 CA33683-01
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-R891) 36,062.00

32) THE CHEMISTRY OF SELENENIC ACIDS
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 2 RO1 AM23042-04
MSN L&S CHEMISTRY (144-R892) 59,174.00

33) MECHANISM AND CONTROL OF MICROVILLUS ASSEMBLY
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 5 RO1 GM25062-04
MSN GRAD MOLECULAR BIOL (144-R893) 33,960.00

34) BIOMEDICAL RESEARCH SUPPORT GRANT
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 2 SO7 RRO5435-21
MSN HS-MED ADMINISTRATION DEANS OFFC (144-R896) 194,524.00

35) BIOMEDICAL RESEARCH SUPPORT GRANT
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 2 SO7 RRO5435-20
MSN HS-PHR PHARMACY (144-R897) 51,570.00

36) MECHANISMS OF CARDIOVASCULAR TERATOGENESIS
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 2 RO1 HL18050-07A1
MSN HS-MED PATHOL & LAB MED ANAT PATH (144-R901) 85,408.00

37) GENETIC CARDIOMYOPHTHIES IN VERTEBRATES
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 2 RO1 HL22550-06
MSN HS-MED ANATOMY GROSS ANAT (144-R903) 122,990.00

38) EFFECTS OF ALTERED DIET AND PLASMA AMINO ACID
PATTERN
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 2 RO1 AM10747-16A1
MSN AG&LSC BIOCHEMISTRY (144-R904) 155,775.00

39) HEPATIC STEATOSIS INDUCED BY TOTAL PARENTERAL
NUTRITION
FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 1 R23 AM30843-01
MSN AG&LSC NUTRIT SCIENCES (144-R905) 51,446.00
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40) AUTONOMIC PHARMACOLOGY OF HISTAMINE RELEASE
   FOR THE PERIOD 04-01-82 THROUGH 03-31-83
   AWARD # 1 RO1 HL28585-01
   MSN H5-PHR PHARMACY (144-R912) 70,103.00

41) PHARMACOLOGY OF SPINAL RESPIRATORY TRANSMISSION
   FOR THE PERIOD 04-01-82 THROUGH 03-31-83
   AWARD # 1 RO1 HL28563-01
   MSN H5-MED PHYSIOLOGY (144-R914) 47,495.00

42) SYNTHESIS OF POLYCHLORINATED BIPHENYL ARENE OXIDES
   FOR THE PERIOD 04-01-82 THROUGH 03-31-83
   AWARD # 1 RO1 ES02835-01
   MSN L6S CHEMISTRY (144-R915) 42,104.00

43) PORTABLE ARHYTHMIA MONITOR
   FOR THE PERIOD 04-01-82 THROUGH 03-31-83
   AWARD # 5 RO1 HL25691-03
   MSN ENGR ENGR EXPERT STA EL&COMPUT (144-R916) 54,093.00

44) POSTDOCTORAL FELLOWSHIP AWARD
   FOR THE PERIOD 04-01-82 THROUGH 03-31-83
   AWARD # 5 F32 AM06369-03
   MSN AG&LSC BIOCHEMISTRY (144-R927) 17,736.00

45) CYTOSTATIC CYCLIC PEPTIDES: SYNTHESIS AND
   MECHANISM
   FOR THE PERIOD 04-01-82 THROUGH 03-31-83
   AWARD # 1 RO1 CA27985-03
   MSN H5-PHR PHARMACY (144-R934) 58,870.00

14. NORTHWESTERN UNIVERSITY
   EVANSTON, IL
   SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE
   UW SYSTEM UNDER AGREEMENT FROM DHHS PHS NIH
   EASTERN COOPERATIVE ONCOLOGY GROUP OPERATIONS
   OFFICE
   FOR THE PERIOD 03-01-82 THROUGH 05-30-82
   AT A TOTAL COST OF $22,000.00
   AWARD # 983W010
   MSN H5-MED HUMAN ONCOLOGY EAST COOP (144-Q825)

15. WISCONSIN HEALTH CARE & RESEARCH, INC
   MADISON, WI
   SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE
   UW SYSTEM UNDER AGREEMENT FROM DHHS PHS NIH
   DEVELOPMENTAL CANCER CONTROL PROGRAM-WISCONSIN
   FOR THE PERIOD 01-01-82 THROUGH 06-30-82
   AT A TOTAL COST OF $10,420.00
   AWARD # 527V590
   MSN H5-MED HUMAN ONCOLOGY CAN C-REGN (144-R689)

16. DOD, AIR FORCE
   HANSCOM AFB MA
   STUDY OF THEORETICAL REACTION RATES
   FOR THE PERIOD 04-06-82 THROUGH 09-30-82
   AWARD # 82CO042
   MSN L6S PHYSICS (144-R922) 35,000.00
RESEARCH

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

   1) ELECTRON SPECTROSCOPY STUDIES OF HETEROJUNCTION
      INTERFACES
      FOR THE PERIOD 06-01-77 THROUGH 05-31-83
      AT A TOTAL COST OF $302,610.00
      AWARD # NO0014-77-C-0474, MOD. 5
      MSN ENGR ENGR EXPER STA MET & MIN (144-K284) 89,500.00

   2) STUDIES OF NUCLEATION AND GROWTH AT SEMICONDUCTOR-
      SEMICONDUCTOR AND SEMICONDUCTOR-METAL INTERFACES
      FOR THE PERIOD 06-01-81 THROUGH 05-31-83
      AT A TOTAL COST OF $136,000.00
      AWARD # NO0014-81-K-0718, MOD. 1
      MSN ENGR ENGR EXPER STA MET & MIN (144-R284) 68,000.00

18. DOD, NAVY
    MONTEREY, CA
    ANALYSIS OF CURRENT METER DATA DESCRIBING THE
    CALIFORNIA CURRENT SYSTEMS
    FOR THE PERIOD 03-29-82 THROUGH 09-30-82
    AWARD # N62271-82-M-1142
    MSN ENV ST MARINE STU CTR (144-R894) 16,330.00

19. DEPARTMENT OF ENERGY
    ARGONNE, IL
    PRACTICAL SUPERCONDUCTING COMPOSITE CONDUCTORS:
    UNDERSTANDING, OPTIMIZATION AND DEVELOPMENT
    FOR THE PERIOD 10-01-79 THROUGH 01-31-83
    AWARD # DE-AC02-80ER52056, MOD. 4
    MSN ENGR ENGR EXPER STA MET & MIN (144-P265) 136,600.00

20. ENERGY, DEPT OF
    ARGONNE, IL
    EQUIPMENT ACCOUNT UNDER 144R820
    FOR THE PERIOD 03-01-82 THROUGH 02-29-84
    AWARD # DE-AC02-82ER52077
    MSN ENGR ENGR EXPER STA NUCL ENGR (144-R928) 10,000.00

21. UNION CARBIDE CORPORATION
    OAK RIDGE, TN
    PRIME CONTRACTOR WITH DOE
    HEALTH EFFECTS STUDY OF WISCONSIN DAIRY FARMERS:
    ANALYSIS OF WELL WATER SAMPLES
    FOR THE PERIOD 07-01-80 THROUGH 12-31-83
    AT A TOTAL COST OF $377,498.00
    AWARD # 7887, MOD. 2
    MSN HS-HYG ENVIR SCIENCES WATER CHEM (144-P543) 130,727.00

22. INTER, OFFICE OF WATER RESEARCH AND TECH.
    WASHINGTON, DC
    ANNUAL COOPERATIVE PROJECT-DIRECTOR'S OFFICE FY-82
    SENIOR ACCOUNT
    FOR THE PERIOD 10-01-81 THROUGH 09-30-82
    AWARD # 14-34-0001-2153
    MSN GRAD WATER RESOURCES (144-R814) 110,388.88
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23. NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA
MEASUREMENT OF TRABECULAR BONES
FOR THE PERIOD 01-01-82 THROUGH 09-30-82
AWARD # NAG 2-166
MSN GRAD SPACE SCI&ENG CT
(144-R733) 20,996.00

24. NASA, AMES RESEARCH CENTER
WASHINGTON, DC
IDENTIFICATION OF AN UNKNOWN HUMORAL AGENT
RESPONSIBLE FOR BONE MOBILIZATION
FOR THE PERIOD 03-01-82 THROUGH 02-28-83
AWARD # NAG 2-167
MSN AG&LSC BIOCHEMISTRY
(144-R842) 70,000.00

25. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
IN SUPPORT OF THE FOLLOWING:

1) PARTICIPATION IN DEVELOPMENT OF AN IR TEMPERATURE
SOUNDER FOR A SYNCHRONOUS METEOROLOGICAL SATELLITE
FOR THE PERIOD 08-31-73 THROUGH 05-31-82
AT A TOTAL COST OF $3,319,862.00
AWARD # NAS5-21965, MOD. 21
MSN GRAD SPACE SCI&ENG CT
(144-E685) 12,247.00

2) ANALYSIS OF THREE-DIMENSIONAL THUNDERSTORM MODEL
OUTPUT IN TERMS OF GEOSYNCHRONOUS SATELLITE
OBSERVATIONS
FOR THE PERIOD 03-01-80 THROUGH 03-31-83
AT A TOTAL COST OF $66,868.00
AWARD # MCS-8001816, MOD. 2
MSN L&S METEOROLOGY
(144-P244) 24,329.00

26. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:

1) MOLECULAR BIOLOGY OF CHEMOSENSING IN BACTERIAL
CHEMOTAXIS
FOR THE PERIOD 05-01-79 THROUGH 10-31-83
AT A TOTAL COST OF $206,000.00
AWARD # PCM-7826573, MOD. 3
MSN AG&LSC BIOCHEMISTRY
(144-M870) 53,000.00

2) GLOBAL AND ASYMPTOTIC PROBLEMS IN DIFFERENTIAL
EQUATIONS
FOR THE PERIOD 05-15-80 THROUGH 10-31-83
AT A TOTAL COST OF $51,018.00
AWARD # MCS-8001816, MOD. 2
MSN L&S MATHEMATICS
(144-P451) 18,100.00

3) SINGULAR INTERGRALS AND AVERAGES OF FUNCTIONS
FOR THE PERIOD 06-01-80 THROUGH 11-30-83
AT A TOTAL COST OF $48,177.00
AWARD # MCS-8002178, MOD. 2
MSN L&S MATHEMATICS
(144-P524) 17,633.00
RESEARCH

4) PROBLEMS IN NONLINEAR EVOLUTION
FOR THE PERIOD 06-01-80 THROUGH 10-31-84
AT A TOTAL COST OF $36,253.00
AWARD # MCS-8002946, MOD. 1
MSN L&S MATHEMATICS
(144-P537) 23,850.00

5) ASSIMILATION OF SATELLITE AND RADAR DATA INTO
MESOSCALE PREDICTION MODELS
FOR THE PERIOD 01-15-81 THROUGH 09-30-83
AT A TOTAL COST OF $209,500.00
AWARD # ATM-8005369, MOD. 1
MSN L&S METEOROLOGY
(144-Q502) 108,000.00

6) METAL AND NONMETAL BORON CLUSTERS; SYNTHETIC AND
MECHANISTIC STUDIES
FOR THE PERIOD 09-01-81 THROUGH 02-29-84
AT A TOTAL COST OF $127,600.00
AWARD # CHE-8108616, MOD. 1
MSN L&S CHEMISTRY
(144-R004) 63,800.00

7) THE ANALYSIS OF GENE FUNCTION AND REGULATION IN
BACTERIOPHAGE MU
FOR THE PERIOD 09-01-81 THROUGH 02-29-84
AT A TOTAL COST OF $145,638.00
AWARD # PCM-8109769, MOD. 1
MSN AG&LSC BACTERIOLOGY
(144-R086) 75,000.00

8) INDUSTRY/UNIVERSITY COOPERATIVE RESEARCH ACTIVITY:
GEOMETRICALLY DESIGNED CATALYSTS IN THE STUDY OF
MULTI-COMPONENT CATALYSIS
FOR THE PERIOD 04-01-82 THROUGH 09-30-83
AWARD # CPE-8121717
MSN ENGR ENGR EXPER STA CHEM ENGR
(144-R882) 96,000.00

9) EXISTENCE, SMOOTHNESS AND ANALYTICITY OF SOLUTIONS
FOR A CLASS OF LINEAR PARTIAL DIFFERENTIAL EQUATIONS (MATHEMATICS)
FOR THE PERIOD 05-15-82 THROUGH 10-31-84
AWARD # MCS-8203949
MSN L&S MATHEMATICS
(144-R898) 25,953.00

10) CONTROLLABILITY, DEVELOPMENT AND SOCIAL SEPARATION
FOR THE PERIOD 05-01-82 THROUGH 04-30-84
AWARD # BNS-8119041
MSN L&S PSYCHOLOGY
(144-R907) 60,000.00

11) BAND STRUCTURE OF SOLIDS AND POINT DEFECTS IN
CRYSTALS
FOR THE PERIOD 04-15-82 THROUGH 09-30-83
AWARD # DMR 8119461
MSN L&S PHYSICS
(144-R911) 55,000.00

12) CHEMICAL APPLICATIONS OF ELECTRON AND ION
SPECTROSCOPY
FOR THE PERIOD 05-01-82 THROUGH 10-31-83
AWARD # CHE-8121205
MSN L&S CHEMISTRY
(144-R913) 75,000.00
RESEARCH

13) ANALYSIS OF DIGITAL SEISMIC DATA FROM A CLOSE-ORDER ARRAY, NEW MADRID SEISMIC ZONE FOR THE PERIOD 04-15-82 THROUGH 09-30-83
AWARD # EAR-8201973
MSN L&S GEOL & GEOPHYSICS (144-R919) 20,000.00

14) GEOPHYSICAL INVESTIGATION OF THE SALT ISLANDS AREA OF LAKE SUPERIOR FOR THE PERIOD 04-15-82 THROUGH 09-30-83
AWARD # EAR-8116502
MSN L&S GEOL & GEOPHYSICS (144-R920) 29,100.00

15) NEW ANALYTICAL APPLICATIONS OF SITE SELECTIVE SPECTROSCOPY FOR THE PERIOD 04-01-82 THROUGH 03-31-84
AWARD # CHE-8118983
MSN L&S CHEMISTRY (144-R921) 68,700.00

16) APPROXIMATION THEORY FOR FUNCTIONS OF SEVERAL VARIABLES (MATHEMATICS) FOR THE PERIOD 05-15-82 THROUGH 10-31-84
AWARD # MCS-8205494
MSN L&S MATHEMATICS (144-R926) 25,139.00

17) RESEARCH INITIATION: DEVELOPMENT OF A PREDICTIVE CHATTER SUPPRESSION CONTROLLER FOR THE PERIOD 06-01-82 THROUGH 11-30-84
AWARD # MEA-8204965
MSN ENGR ENGR EXPER STA MECH ENGR (144-R929) 48,000.00

18) HISTORICAL CLIMATE OF CHINA AS REVEALED BY ANCIENT CHINESE LITERATURE FOR THE PERIOD 04-15-82 THROUGH 09-30-83
AWARD # ATM-8120809
MSN L&S METEOROLOGY (144-R930) 49,200.00

19) THE TOPOLOGY OF REFLECTION GROUPS (MATHEMATICS) FOR THE PERIOD 05-15-82 THROUGH 10-31-84
AWARD # MCS-8121942
MSN L&S MATHEMATICS (144-R931) 31,700.00

20) STUDY OF THE MICROSCOPIC PROPERTIES OF SEMICONDUCTOR-SEMICONDUCTOR INTERFACES FOR THE PERIOD 05-01-82 THROUGH 10-31-83
AWARD # DMR-8200518
MSN L&S PHYSICS (144-R932) 61,800.00

27. OAK RIDGE NATIONAL LABORATORY OAK RIDGE, TN PRIME CONTRACTOR WITH NSF EXTENDING SYSTEMS ANALYSIS IN ECOLOGY FOR THE PERIOD 06-01-82 THROUGH 10-15-82
AWARD # 19X-22228V
MSN L&S BOTANY (144-R883) 17,029.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

28. VETERANS ADMIN
MADISON, WI
SCARCE MEDICAL SPECIALIST SERVICES CONTRACT
FOR THE PERIOD 10-01-81 THROUGH 09-30-82
AWARD # V607P-794
MSN HS-MED RADIOLOGY
(144-R536) 178,835.00

29. POLHEMUS NAVIGATION SCIENCES, INC
ESSEX JUNCTION, VT
PRIME CONTRACTOR WITH VA
EVALUATE SEVERAL HEADPOINTING TECHNIQUES FOR
HANDICAPPED INDIVIDUALS
FOR THE PERIOD 12-21-81 THROUGH 09-30-82
AT A TOTAL COST OF $32,180.00
AWARD # 80-1042-8, MOD. 1
MSN GRAD WAISMN RETARD CT
(144-R698) 27,180.00

30. DISTILLERS FEED RESEARCH COUNCIL
CINCINNATI, OH
RESISTANCE OF PROTEIN CONTAINED IN DDGS, DDG AND
DDS TO MICROBIAL DEGRADATION IN THE RUMEN
MSN AG&LSC DAIRY SCIENCE
(133-A057) 4,500.00

31. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
RESEARCH AND DEVELOPMENT FUND IN THE DEPARTMENT OF
PEDIATRICS
MSN HS-MED PEDIATRICS
(133-A238) 26,500.00

32. MULTIPLE DONORS
CANCER RESEARCH- MCARDLE MEMORIAL LABORATORY
MSN HS-MED ONCOLOGY
(133-A250) 455.00

33. CANCER RESEARCH
MSN HS-MED
(133-A251)

600.00 OOSTBURG AREA UNITED FUND, INC.
OOSTBURG, WI
485.00 MULTIPLE DONORS

1,085.00

34. HEART RESEARCH
MSN HS-MED
(133-A252)

600.00 OOSTBURG AREA UNITED FUND, INC.
OOSTBURG, WI
485.00 MULTIPLE DONORS

1,085.00

35. WISCONSIN POTATO INDUSTRY BOARD
WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE &
CONSUMER PROTECTION
MADISON, WI
RESEARCH ON CULTURAL ASPECTS OF POTATOES
MSN AG&LSC HORTICULTURE
(133-A337) 6,100.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

36. NAUTILUS RESEARCH CORPORATION
   MADISON, WI
   VICK’S RHINORHEOMETER STUDY
   MSN HS-MED PREVENTIVE MED
   (133-A371)  2,660.00

37. UNIVERSITY OF WISCONSIN FOUNDATION
   MADISON, WI
   DEPARTMENT OF GYNECOLOGY AND OBSTETRICS RESEARCH
   AND DEVELOPMENT FUND
   MSN HS-MED OBSTET & GYNECOL
   (133-A522)  17,608.32

38. UNIVERSITY OF WISCONSIN FOUNDATION
   MADISON, WI
   RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF
   DIAGNOSTIC RADIOLOGY
   MSN HS-MED RADIOLOGY
   (NUCL MED)
   (133-A529)  3,889.50

39. UNIVERSITY OF WISCONSIN FOUNDATION
   MADISON, WI
   RADIATION ONCOLOGY RESEARCH & DEVELOPMENT FUND
   MSN HS-MED HUMAN ONCOLOGY
   (133-A596)  10,000.00

40. STERLING-WINTHROP RESEARCH INSTITUTE
    RENSSELAER, NY
    RESEARCH ON AMIPAPUE (METRIZAMIDE)
    MSN HS-MED RADIOLOGY
    (133-A629)  12,000.00

41. WISCONSIN POTATO INDUSTRY BOARD
    WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE &
    CONSUMER PROTECTION
    MADISON, WI
    RESEARCH ON CULTURAL ASPECTS OF POTATOES
    MSN AG&LSC ENTOMOLOGY
    (133-A878)  9,300.00

42. WISCONSIN POTATO INDUSTRY BOARD
    WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE &
    CONSUMER PROTECTION
    MADISON, WI
    RESEARCH ON CULTURAL ASPECTS OF POTATOES
    MSN AG&LSC HORTICULTURE
    (133-A881)  6,000.00

43. WISCONSIN POTATO INDUSTRY BOARD
    WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE &
    CONSUMER PROTECTION
    MADISON, WI
    RESEARCH ON CULTURAL ASPECTS OF POTATOES
    MSN AG&LSC PLANT PATHOLOGY
    (133-B458)  16,500.00

44. WISCONSIN POTATO INDUSTRY BOARD
    WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE &
    CONSUMER PROTECTION
    MADISON, WI
    RESEARCH ON CULTURAL ASPECTS OF POTATOES
    MSN AG&LSC PLANT PATHOLOGY
    (133-B459)  4,000.00
| *Gifts, Grants and Contracts*  
*May 07, 1982*  
*University of Wisconsin - Madison*  
*Research*  

<table>
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<th><strong>Grant Details</strong></th>
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| 45. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
DEMONSTRATION PROJECT RELATED TO MEDICAL STAFF PARTICIPATION IN HOSPITAL COST SETTING AND COST CONTAINMENT ACTIVITIES  
MSN HS-MED PREVENTIVE MED (133-B478) | 2,130.00 |
| 46. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
DIVISION OF PLASTIC SURGERY RESEARCH AND DEVELOPMENT FUND  
MSN HS-MED SURGERY (133-B572) | 6,000.00 |
| 47. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
DIVISION OF NEUROSURGERY RESEARCH AND DEVELOPMENT FUND  
MSN HS-MED SURGERY (133-B580) | 17,720.00 |
| 48. KING ANIMAL LABORATORIES, INC.  
OREGON, WI  
SURGICAL BACTERIOLOGY RESEARCH FUND  
MSN HS-MED SURGERY GEN SURG (133-B647) | 3,705.00 |
| 49. M & M LIVESTOCK PRODUCTS CO.  
EAGLE GROVE, IA  
INVESTIGATE THE EFFICACY OF A PRESERVATIVE ON LEGUME-GRASS HAYLAGE WITH SUBSEQUENT RESPONSE BY DAIRY CATTLE  
MSN AG&LSC DAIRY SCIENCE (133-B941) | 6,345.00 |
| 50. INTERNATIONAL POTATO CENTER  
LIMA, PERU  
FUNDAMENTAL RESEARCH TO DEVELOP CONTROL MEASURES FOR BACTERIAL PATHOGENS OF THE POTATO FOR THE PERIOD 01-01-78 THRU 12-31-82 AT A $156,972.50 LEVEL  
MSN AG&LSC PLANT PATHOLOGY (133-C080) | 35,000.00 |
| 51. CENTRAL EXCHANGE FOUNDATION  
SOUTH ST. PAUL, MN  
DRIS ALFALFA RESEARCH PROJECT  
MSN AG&LSC SOILS (133-C105) | 2,200.00 |
| 52. WISCONSIN POTATO INDUSTRY BOARD  
WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE & CONSUMER PROTECTION  
MADISON, WI  
RESEARCH ON CULTURAL ASPECTS OF POTATOES  
MSN AG&LSC ENTOMOLOGY (133-C182) | 11,000.00 |
| 53. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
RHEOLOGY FUND RESEARCH  
MSN L&S CHEMISTRY (133-C317) | 5,000.00 |
54. SMITH KLINE CORPORATION
PHILADELPHIA, PA
EVALUATION OF AURANOFIN IN 12 PATIENTS WITH
RHEUMATOID ARTHRITIS
MSN HS-MED MEDICINE  RHEUMATOL (133-C353) 5,000.00

55. MULTIPLE DONORS
SOLAR ENERGY RESEARCH
MSN ENGR ENGR EXPER STA CHEM ENGR (133-C535) 500.00

56. INTERNATIONAL COPPER RESEARCH ASSOCIATION
NEW YORK, NY
EVALUATION OF PHASE DIAGRAM AND THERMODYNAMIC
DATA FOR TERNARY COPPER OXYGEN-METAL SYSTEMS
AWARD # 303A
MSN ENGR ENGR EXPER STA MET & MIN (133-C671) 28,000.00

57. MULTIPLE DONORS
RESEARCH SUPPORT
MSN HS-MED OBSTET & GYNECOL (133-C774) 42.00

58. NATIONAL FUND FOR MEDICAL EDUCATION
HARTFORD, CT
PERSONALIZED PLANNING OF CONTINUING MEDICAL
EDUCATION FOR THE PERIOD 07-01-79 THRU
12-31-81 REDUCED PER MUTUAL AGREEMENT
AWARD # NFME# 115/78A
MSN HS-MED ADMINISTRATION DEANS OFFC (133-C966) 5,465.18-

59. BASF WYANDOTTE CORPORATION
PARSIPPANY, NJ
CORN INSECT RESEARCH
MSN AG&LSC ENTOMOLOGY (133-C975) 1,500.00

60. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
RESEARCH AND EDUCATIONAL PROGRAMS IN THE
DEPARTMENT OF HUMAN ONCOLOGY
MSN HS-MED HUMAN ONCOLOGY (133-D448) 1,614.00

61. MULTIPLE DONORS
KIDNEY AND DIABETES RESEARCH
MSN HS-HSP ADMINISTRATION ADMIN (133-D527) 55.12

62. MULTIPLE DONORS
INSECT PEST MANAGEMENT
MSN AG&LSC ENTOMOLOGY (133-D617) 50.00

63. WISCONSIN POTATO INDUSTRY BOARD
WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE &
CONSUMER PROTECTION
MADISON, WI
RESEARCH ON CULTURAL ASPECTS OF POTATOES
MSN AG&LSC HORTICULTURE (133-D622) 1,200.00
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| 64.    | WISCONSIN POTATO INDUSTRY BOARD  
         WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE & CONSUMER PROTECTION  
         MADISON, WI  
         RESEARCH AND CULTURAL ASPECTS OF POTATOES  
         MSN AG&LSC PLANT PATHOLOGY                                                                                                                                      | 3,800.00 |
| 65.    | UNIVERSITY OF WISCONSIN FOUNDATION  
         MADISON, WI  
         HEAVY ION BEAM FUSION REACTOR DESIGN  
         MSN ENGR ENGR EXPER STA NUCL ENGR                                                                                                                              | 25,000.00|
| 66.    | NATIONAL FISHERIES EDUCATION & RESEARCH FOUNDATION  
         CONSUMER EDUCATION  
         WASHINGTON, DC  
         RESEARCH ON MODIFIED-ATMOSPHERE PACKAGING OF FRESH FISH  
         MSN AG&LSC FOOD SCIENCE                                                                                                                                         | 32,548.00|
| 67.    | WISCONSIN DAIRY HERD IMPROVEMENT COOPERATIVE  
         MADISON, WI  
         IMPROVING REPRODUCTIVE EFFICIENCY IN DAIRY CATTLE  
         MSN AG&LSC DAIRY SCIENCE                                                                                                                                           | 2,107.50 |
| 68.    | UNIVERSITY OF WISCONSIN FOUNDATION  
         MADISON, WI  
         RESEARCH AND DEVELOPMENT FUND FOR HUMAN ONCOLOGY  
         MSN HS-MED HUMAN ONCOLOGY                                                                                                                                         | 2,220.77 |
| 69.    | KELLOGG (W.K.) FOUNDATION  
         BATTLE CREEK, MI  
         KELLOGG NATIONAL FELLOWSHIP FOR THE PERIOD 07-01-80 THRU 06-30-82 AT A $19,906 LEVEL  
         MSN AG&LSC NAT RESOURCES LAND ARCH                                                                            | 1,500.00 |
| 70.    | LILLY (ELI) AND COMPANY  
         INDIANAPOLIS, IN  
         PHASE II STUDY OF VINEDINE IN SMALL CELL CARCINOMA OF THE LUNG  
         MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL                                                                          | 7,670.00 |
| 71.    | PERSONAL PRODUCTS  
         MILLTOWN, NJ  
         TOXIC SHOCK SYNDROME  
         MSN AG&LSC FOOD MICRO&TOXIC                                                                                                                                          | 21,300.00|
| 72.    | UNIVERSITY OF WISCONSIN FOUNDATION  
         MADISON, WI  
         GLAUCOMA RESEARCH  
         MSN HS-MED OPHTHALMOLOGY                                                                                                                                             | 2,000.00 |
| 73.    | UNIVERSITY OF WISCONSIN FOUNDATION  
         MADISON, WI  
         WISCONSIN ELECTRIC MACHINES AND POWER ELECTRONICS ACCOUNT  
         MSN ENGR ENGR EXPER STA EL&COMPUT                                                                            | 25,000.00|
74. ENGINEERING EXPERIMENT STATION EXECUTIVE
DIRECTOR'S DISCRETIONARY ACCOUNT
MSN ENGR ENGR EXPER STA ADMIN (133-E302)
800.00 DANA CORPORATION
ELGIN, IL
1,450.00 LYNCH, WILDE & COMPANY, INC.
WASHINGTON, DC
500.00 LIQUID AIR CORPORATION
SAN FRANCISCO, CA
500.00 FLAMBEAU CORPORATION
BARABOO, WI

3,250.00

75. RADIATION MEASUREMENTS INCORPORATED
MIDDLETON, WI
DIRECT READING KVP METER AND NEW TRANSILLUMINATOR
FOR THE PERIOD 02-01-81 THRU 12-31-82 AT A
$15,050 LEVEL
MSN HS-MED RADIOLOGY RADIO-PHYS (133-E337) 2,700.00

76. UPJOHN COMPANY
KALAMAZOO, MI
UPJOHN GRADUATE FELLOWSHIP IN CARCINOGENESIS
MSN HS-MED ONCOLOGY (133-E395) 8,000.00

77. WISC DEPT OF NATURAL RESOURCES
MADISON, WI
DIMENSIONS OF THE WISCONSIN HUNTING EXPERIENCE
ASSESSMENT FOR THE PERIOD 07-01-81 THRU 08-31-82
AT A $24,426 LEVEL
MSN AG&LSC SOCIOLOGY (RURAL) (133-E411) 9,654.00

78. STAUFFER CHEMICAL COMPANY
MOUNTAIN VIEW, CA
STUDY ON THE METABOLISM AND MOVEMENT OF
PESTICIDES IN THE SOIL
MSN AG&LSC ENTOMOLOGY (133-E425) 6,000.00

79. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
STUDIES IN ORGAN PRESERVATION
MSN HS-MED SURGERY GEN SURG (133-E484) 6,672.00

80. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
GROWTH AND CHARACTERIZATION OF HUMAN BLADDER
CARCINOMA IN VITRO
MSN HS-MED SURGERY UROLOGY (133-E485) 25,000.00

81. UPJOHN COMPANY
KALAMAZOO, MI
ONION, CARROT AND GARDEN BEET BREEDING
MSN AG&LSCHORTICULTURE (133-E907) 2,000.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

82. NATIONAL LIVE STOCK AND MEAT BOARD
   CHICAGO, IL
   AVAILABILITY AND CHEMISTRY OF THE IMPORTANT
   MINERAL NUTRIENTS, IRON AND ZINC, FROM
   CURED MEATS
   MSN AG&LSC FOOD SCIENCE (133-E911) 3,750.00

83. MULTIPLE DONORS
    INVESTIGATIONS OF BOVINE LEUKEMIA VIRUS ANTIBODY
    IN CATTLE AND ASSOCIATED HUMANS IN NIGERIA
    MSN AG&LSC VETERINARY SCI (133-E912) 386.00

84. MULTIPLE DONORS IN MEMORY OF
    KAY KLEIN
    ACUTE LEUKEMIA/BONE MARROW TRANSPLANTATION
    RESEARCH FUND
    MSN HS-MED MEDICINE HEMATOLOGY (133-E923) 2,165.00

85. TERRA INSTITUTE LTD.
    MADISON, WI
    RESEARCH PAPER ON INTEGRATING FAMILY PLANNING
    INTO AGRICULTURAL EXTENSION NETWORKS AND TRAINING
    INSTITUTIONS IN DEVELOPING COUNTRIES FOR THE
    PERIOD 11-01-81 THRU 03-01-82 AT A $7,900 LEVEL
    MSN AG&LSC LAND TENURE CTR (133-E991) 1,850.00

86. LIQUID AIR CORPORATION
    SAN FRANCISCO, CA
    POLYMER PROCESSING CONSORTIUM
    MSN ENGR ENGR EXPER STA MECH ENGR (133-F064) 4,500.00

87. MULTIPLE DONORS
    CARDIOVASCULAR SURGERY HEART RESEARCH FUND
    MSN HS-MED SURGERY THORACIC S (133-F069) 100.00

88. SISTEMA NACIONAL DE EVALUACION AND CONSEJO
    NACIONAL DE CIENCIA Y TECNOLOGIA
    MEXICO CITY, MEXICO
    MEXICO-U.S. AGRICULTURAL LINKAGES FOR THE
    PERIOD 12-22-81 THRU 11-30-82
    MSN AG&LSC LAND TENURE CTR (133-F107) 80,000.00

89. MARCH OF DIMES
    BIRTH DEFECTS FOUNDATION
    WHITE PLAINS, NY
    MATERNAL PERCEPTION OF LOW BIRTHWEIGHT INFANTS
    AND ITS EFFECTS ON THEIR LONG-TERM DEVELOPMENT
    FOR THE PERIOD 03-01-82 THRU 02-28-83
    AWARD # 12-11
    MSN GRAD WAISMN RETARD CT (133-F136) 15,000.00

90. MEADOX MEDICALS, INC.
    OAKLAND, NJ
    INTRACRANIAL PRESSURE MONITOR
    MSN HS-MED SURGERY (133-F155) 6,000.00
RESEARCH

91. MULTIPLE DONORS
SPORTS MEDICINE
MSN HS-MED SURGERY ORTHO SURG (133-F156) 100.00

92. DANA CORPORATION
ELGIN, IL
CONTINUOUSLY VARIABLE DRIVES
MSN ENGR ENGR EXPER STA EL&COMPUT (133-F157) 7,200.00

93. NOBLE (SAMUEL ROBERTS) FOUNDATION, INC.
ARDMORE, OK
NOBLE FOUNDATION PREDOCORAL FELLOWSHIP FOR
THE PERIOD 06-01-82 THRU 05-31-83
MSN HS-MED MEDICINE HEMATOLOGY (133-F161) 14,000.00

94. NOBLE (SAMUEL ROBERTS) FOUNDATION, INC.
ARDMORE, OK
NOBLE FOUNDATION PREDOCORAL FELLOWSHIP FOR
THE PERIOD 06-01-82 THRU 05-31-83
MSN HS-MED MEDICINE HEMATOLOGY (133-F162) 14,000.00

95. WILEY (JOHN) & SONS, INC. PUBLISHERS
NEW YORK, NY
INTEGRATIVE ACTIVITIES OF THE BRAIN
MSN HS-MED MEDICINE NEUROPHYSIOLOGY (133-F163) 500.00

96. SHELL DEVELOPMENT COMPANY
HOUSTON, TX
INTERNAL MODEL CONTROL
MSN ENGR ENGR EXPER STA CHEM ENGR (133-F164) 15,000.00

97. ARTHRITIS FOUNDATION
WISCONSIN CHAPTER
MILWAUKEE, WI
MECHANISM OF ACTION OF NONSTEROIDAL ANTI-
INFLAMMATORY DRUGS IN THE POLYMORPHONUCLEAR
LEUKOCYTE INFLAMMATORY RESPONSE FOR THE PERIOD
01-01-82 THRU 12-31-82
MSN HS-MED MEDICINE RHEUMATOL (133-F165) 3,650.00

98. EXXON EDUCATION FOUNDATION
NEW YORK, NY
POST DOCTORAL FELLOWSHIP
MSN AG&LSC BACTERIOLOGY (133-F168) 30,000.00

99. INTERNATIONAL SEEDS, INC.
HALSEY, OR
GRASS VARIETY TESTING
MSN AG&LSC AGRONOMY (133-F169) 1,000.00

100. ENERCON, INC.
HONOLULU, HAWAII
HAWAII VOLCANO SEISMICITY DATA PROCESSING
MSN L&S GEOL & GEOPHYSICS GEO&POL R (133-F173) 5,000.00
<table>
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<tr>
<th>#</th>
<th>RECIPIENT</th>
<th>SUPPORTED RESEARCH</th>
<th>AWARD AMOUNT</th>
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<tr>
<td>101</td>
<td>ROCK (COUNTY OF) COUNCIL ON AGING JANESVILLE, WI</td>
<td>ILLNESS COGNITION IN THE ELDERLY</td>
<td>(133-F174)</td>
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<tr>
<td>102</td>
<td>ARTHRITIS FOUNDATION WISCONSIN CHAPTER MILWAUKEE, WI</td>
<td>MALIGNANT HYPERTERMIA: A GENETIC AND EPIDEMIOLOGIC STUDY OF THE MUSCULOSKELETAL MANIFESTATIONS FOR THE PERIOD 01-01-82 THRU 12-31-82</td>
<td>(133-F176)</td>
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<tr>
<td>103</td>
<td>INTERNATIONAL POTATO CENTER LIMA, PERU</td>
<td>POTATO RESEARCH TRAVEL EXPENSE ACCOUNT</td>
<td>(133-F177)</td>
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<tr>
<td>104</td>
<td>LEACH FARMS, INC. BERLIN, WI</td>
<td>EFFECT OF COLD STRESS ON THE BOLTING OF CELERY</td>
<td>(133-F178)</td>
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<tr>
<td>105</td>
<td>MUSCULAR DYSTROPHY ASSOCIATION, INC. NEW YORK, NY</td>
<td>POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 03-01-82 THRU 09-30-82</td>
<td>(133-F180)</td>
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<td>106</td>
<td>BRISTOL-MYERS COMPANY NEW YORK, NY</td>
<td>CANCER RESEARCH AT MCARDLE LABORATORY</td>
<td>(133-F181)</td>
</tr>
<tr>
<td>107</td>
<td>MULTIPLE DONORS</td>
<td>GASTROENTEROLOGY SUPPORT</td>
<td>(133-F182)</td>
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<td>108</td>
<td>SANDOZ, INC. E. HANOVER, NJ</td>
<td>EFFECT OF SURFACE CHARACTER ON NON-SINK DISSOLUTION</td>
<td>(133-F183)</td>
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<td>109</td>
<td>AMERICAN HEART ASSOCIATION DALLAS, TX</td>
<td>CARDIAC MYOFIBRILLOGENESIS AND HEART INDUCTION FOR THE PERIOD 07-01-82 THRU 06-30-83</td>
<td>(133-F184)</td>
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<td>110</td>
<td>MULTIPLE DONORS</td>
<td>CELL BIOLOGY OF THE GLOMORULUS</td>
<td>(133-F187)</td>
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</table>
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

111. SILVER (CASWELL AND ELIZABETH B)
    DENVER, CO
    DIGITAL VASCULAR IMAGING RESEARCH PROJECT
    MSN HS-MED RADIOLOGY (133-F193) 2,000.00

112. AMERICAN IRON AND STEEL INSTITUTE
    WASHINGTON, DC
    ELECTROCHEMICAL DEPOSITION OF ZINC-METAL
    ALLOYS ON STEEL
    MSN ENGR ENGR EXPER STA CHEM ENGR (133-F194) 10,000.00

113. AMERICAN DIABETES ASSOCIATION
    WISCONSIN AFFILIATE, INC.
    MILWAUKEE, WI
    BASIC AND APPLIED PANCREATIC ISLET RESEARCH
    FOR THE PERIOD 05-01-82 THRU 04-30-83
    MSN HS-MED PEDIATRICS (133-F196) 10,000.00

114. MULTIPLE DONORS
    RAINBO LODGE FISH RESEARCH (INVESTIGATION OF HIGH
    LEVEL BASS TROUT COMPETITION IN DADEK LAKE)
    MSN LAS ZOOLOGY (133-2031) 25.00

115. MADISON GENERAL HOSPITAL
    MADISON, WI
    DEPARTMENT OF GYNECOLOGY & OBSTETRICS CHAIRMAN'S
    UNRESTRICTED FUND
    MSN HS-MED OBSTET & GYNECOL (133-3218) 3,700.00

116. PROCTER & GAMBLE COMPANY
    CINCINNATI, OH
    SUPPORT RESEARCH IN THE DEPARTMENT OF BIOCHEMISTRY
    MSN AG&LSC BIOCHEMISTRY (133-3678) 8,000.00

117. MULTIPLE DONORS
    UNRESTRICTED FUND TO BE USED AT THE DISCRETION OF
    THE CHAIRMAN OF THE DEPARTMENT OF GENETICS
    (MEDICAL) AS APPROVED BY THE DEAN OF THE MEDICAL
    SCHOOL
    MSN HS-MED GENETICS (133-4379) 630.03

118. MULTIPLE DONORS
    DERMATOLOGY RESEARCH
    MSN HS-MED MEDICINE (133-4911) 720.00

119. UNIVERSITY OF WISCONSIN FOUNDATION
    MADISON, WI
    SUPPORT FOOD RESEARCH INSTITUTE
    MSN AG&LSC FOOD MICRO&TOXIC (133-5328) 50,000.00

120. INGERSOLL MILLING MACHINE COMPANY
    ROCKFORD, IL
    RESEARCH ON MILLING OPERATIONS
    MSN ENGR ENGR EXPER STA MECH ENGR (133-5604) 16,000.00
UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

121. MULTIPLE DONORS
MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND
MSN HS-MED (133-5671) 175.00

122. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI
REPRESENTING A TRANSFER OF FUNDS FROM THE
TRANE COMPANY FOUNDATION
SUPPORT UNDERGRADUATE RESEARCH PROJECTS IN
DEPARTMENT OF MECHANICAL ENGINEERING
MSN ENGR ENGR EXPER STA MECH ENGR (133-6353) 500.00

123. MULTIPLE DONORS
SUPPORT WISCONSIN CENTER FOR THEATRE RESEARCH
MSN L&S COMMUN ARTS (133-7163) 212.97

124. FALK CORPORATION
MILWAUKEE, WI
STUDY DYNAMIC NON-LINEAR STIFFNESS CHARACTERISTICS
OF GEAR TEETH
MSN ENGR ENGR EXPER STA MECH ENGR (133-9335) 8,000.00

125. MULTIPLE DONORS
HERD DEVELOPMENT AND DAIRY CATTLE BREEDING
RESEARCH
MSN AG&LSC DAIRY SCIENCE (133-9531) 110.07

126. ENGINEERING EXPERIMENT STATION DIRECTOR'S
DISCRETIONARY ACCOUNT
MSN ENGR ENGR EXPER STA ADMIN (133-9890)
2,500.00 UNIVERSITY OF WISCONSIN FOUNDATION
150.00 MULTIPLE DONORS

2,650.00

127. MULTIPLE DONORS
WISCONSIN AGRONOMY CORN GENETICS RESEARCH FUND
MSN AG&LSC AGRONOMY (133-9931) 200.60

STUDENT AID

1. CALIFORNIA FIRST BANK
SAN DIEGO, CA -- REPRESENTING QUARTERLY
EARNINGS DISTRIBUTION
JOHN DARWIN MANCHESTER LOAN FUND (LOAN)
MSN BUS SV BURSAR ( LOANS ) 27,384.89

2. MINNEAPOLIS STAR & TRIBUNE CO.
MINNEAPOLIS, MN
WISCONSIN NEWSPAPER ASSOCIATION-LESTER HAWKES
SCHOLARSHIP (TRUST INCOME)
MSN L&S JOURN & MASS COM ( TRUST ) 100.00
UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

3. MEMORIAL UNION BUILDING ASSN.
   MADISON, WI
   GEORGE B. HILL MEMORIAL FUND
   (TRUST INCOME)
   MSN L&S ENGLISH (TRUST) 250.00

4. CONTINENTAL BANK
   CHICAGO, IL -- MONTHLY INCOME DISTRIBUTION
   FROM THE SCHULTE TRUST
   HELEN DENNE SCHULTE LOAN FUND
   (TRUST INCOME)
   MSN HS-NUR (TRUST) 9,429.28

5. WILLIAM J. BLECKWENN, JR. MEMORIAL FUND
   (TRUST INCOME)
   MSN HS-MED (TRUST)
   285.00 MULTIPLE DONORS
   300.00 MULTIPLE DONORS $100.00
   A. THEODORE & JANET BLECKWENN
   MADISON, WI 50.00
   L. C. & MARY WEBSTER - MADISON, WI 100.00
   DOROTHY COLE PAUL - MADISON, WI 50.00
   45.00 MULTIPLE DONORS
   215.00 MULTIPLE DONORS $65.00
   THERESA S. REESE - SANTA BARBARA, CA 100.00
   F. W. BLECKWENN - GARDEN CITY, NY 50.00
   845.00

6. CONTINENTAL BANK
   CHICAGO, IL -- MONTHLY INCOME DISTRIBUTION
   FROM THE SCHULTE TRUST
   WALTER B. SCHULTE SCHOLARSHIP FUND
   (TRUST INCOME)
   MSN ENGR CHEMICAL ENGR (TRUST) 9,429.27

7. WISCONSIN PHYSICAL EDUCATION
   ALUMNAAE ASSOCIATION
   BLANCHE M. TRILLING SCHOLARSHIP
   (TRUST PRINCIPAL)
   MSN EDUC PHYS ED & DANCE (TRUST) 110.00

8. MEMBERS OF THE SOCIOLOGY/RURAL SOCIOLOGY
   DEPARTMENTS AT UW-MADISON
   J. H. KOLB MEMORIAL FUND (TRUST PRINCIPAL)
   MSN AG&LSC ADM-RESID INSTR (TRUST) 20.00

9. WISCONSIN PHYSICAL EDUCATION
   ALUMNAAE ASSOCIATION
   CARN, CRONIN, GLASSOW SCHOLARSHIP
   (TRUST PRINCIPAL)
   MSN EDUC PHYS ED & DANCE (TRUST) 153.00

10. JUDITH E. NEWBOLD
    EL CAJON, CA
    HELEN L. BUNGE MEMORIAL FUND (TRUST PRINCIPAL)
    MSN HS-NUR (TRUST) 50.00
<table>
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<tr>
<th>No.</th>
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<tr>
<td>11</td>
<td>Farm Credit Banks of St. Paul, Minnesota, MN</td>
<td>The Farm Credit Banks of St. Paul Scholarship</td>
<td>$800.00</td>
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<tr>
<td>12</td>
<td>Boeing Company, Seattle, WA</td>
<td>Scholarship in Electrical or Mechanical Engineering</td>
<td>$2,000.00</td>
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<td>13</td>
<td>University of Wisconsin Foundation, Madison, WI</td>
<td>Evjue Foundation, Inc./Capital Times Scholarship</td>
<td>$5,000.00</td>
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<td>14</td>
<td>American Heart Association of Wisconsin, Milwaukee, WI</td>
<td>Predoctoral Fellowship: &quot;Periodic Breathing: Causes and Consequences&quot;</td>
<td>$5,272.00</td>
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<td>15</td>
<td>Wisconsin Federation of Women's Clubs, South Milwaukee, WI</td>
<td>Scholarship for a woman interested in becoming professionally prepared for a career in traffic safety education</td>
<td>$500.00</td>
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<td>16</td>
<td>Grace (W. R.) &amp; Co, Columbia, MD</td>
<td>Fellowship in Chemical Engineering</td>
<td>$8,000.00</td>
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<td>17</td>
<td>Aid Association for Luthers, Appleton, WI</td>
<td>Scholarship &amp; Fellowship in the Education Program of Actuarial Sciences, Risk and Insurance</td>
<td>$1,500.00</td>
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<td>18</td>
<td>Multiple Donors</td>
<td>Fellowship to graduate student who reasonably intends to follow career in the appraisal field</td>
<td>$300.00</td>
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<td>19</td>
<td>Lake Geneva Garden Club Foundation, Inc, Lake Geneva, WI</td>
<td>Helen Mcdonald Scholarship</td>
<td>$1,000.00</td>
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<td>20</td>
<td>University of Wisconsin Foundation, Madison, WI</td>
<td>Support Arts Administration Program of the Graduate School of Business</td>
<td>$12,000.00</td>
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</tbody>
</table>
UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

21. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
SCHOOL OF MUSIC SCHOLARSHIP FUND REDUCED
TO CORRECT 11-06-81 PRESENTATION OF AWARD
TRANSMITTED BY THE DONOR IN ERROR
MSN L&S SCHOOL OF MUSIC (133-7137) 3,000.00

22. CPA WIVES OF SOUTHERN WISCONSIN
MADISON, WI
SCHOLARSHIP OR GRANT-IN-AID TO BE MADE TO A
STUDENT MAJORING IN ACCOUNTING AND INFORMATION
SYSTEMS AND SELECTED BY THAT DEPARTMENT
MSN BUS SCH OF BUSINESS (133-7712) 150.00

23. NICKERSON (FRANK AND ESTHER RHEA)
MEMORIAL SCHOLARSHIP TRUST
MADISON, WI
FRANK AND ESTHER RHEA NICKERSON MEMORIAL
SCHOLARSHIP
MSN G SERV FELLOWS & SCHOLS (133-8354) 2,378.17

UNRESTRICTED

1. THE FIRST NATIONAL BANK AND TRUST COMPANY
OKLAHOMA CITY, OK. --ANNUAL DISTRIBUTION
FROM THE EARL A. KRONCKE TRUST
MADISON CAMPUS CHANCELLORS SPECIAL FUND
(TRUST PRINCIPAL)
MSN G E A (TRUST) 5,526.47

TOTAL MADISON 7,655,600.16

INSTRUCTION 80,344.22
LIBRARIES 2,784.00
MISCELLANEOUS 584,494.50
RESEARCH 6,898,769.36
STUDENT AID 83,671.61
UNRESTRICTED 5,526.47
GIFTS, GRANTS AND CONTRACTS
MAY 07, 1982

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. MR. & MRS. SIDNEY KOHL
   PALM BEACH, FL
   TWO HANDCOLORED ENGRAVINGS AND ACQUATINTS
   "SANDWICH TERN/STERNA BOYSSIL. FLORIDA CRAYFISH"
   AND "WANDERING SHEARWATER/PUFFINUS CINERUS,
   MALE" BY JOHN JAMES AUDUBON.
   MIL F ARTS ART

2. MR. AND MRS. MIGUEL PEPE LASALLE
   EDGEWATER, NJ
   TWO PAINTINGS BY ALFRED SESSLER: "LIME BAGS #2"
   AND "HAULING CANVAS"
   MIL F ARTS ART

INSTRUCTION

1. ANONYMOUS DONOR
   SEVERAL
   MILWAUKEE, WI
   TO BE USED FOR PART TIME INSTRUCTION IN
   CONNECTION WITH THE NEW JAZZ PROGRAM
   PROJECT.
   MIL F ARTS MUSIC
   (133-E577) 360.00

2. SME EDUCATION FOUNDATION
   DEARBORN, MICHIGAN
   FACULTY AND CURRICULUM DEVELOPMENT
   GRANT
   MIL ENGBAS IND & SYSTS ENGR
   (133-E601) 1,991.79

3. ST. LUKE'S HOSPITAL
   MILWAUKEE, WI
   ACUTE CARE NURSING PRACTICE
   MIL NURS NURSING
   (133-E602) 124,884.00

4. AMERICAN CANCER SOCIETY MILWAUKEE DIVISION,
   INC.
   MILWAUKEE, WI
   WOMEN'S CANCER - CHALLENGES TO NURSES AND HEALTH
   CARE PROFESSIONALS
   MIL NURS NURSING
   (133-E603) 500.00

LIBRARIES

1. UWM FOUNDATION
   MILWAUKEE, WI
   UWM LIBRARY DEVELOPMENT FUND FOR THE PURPOSE OF
   DEVELOPING THE PEAT, MARWICK & MITCHELL TAX
   COLLECTION.
   MIL LIBR LIBRARY
   (133-8383) 2,372.69
GIFTS, GRANTS AND CONTRACTS
MAY 07, 1982

UNIVERSITY OF WISCONSIN - MILWAUKEE

MISCELLANEOUS

1. VARIOUS GOVERNMENTAL AGENCIES
   MILWAUKEE, WI
   MILWAUKEE HUMANITIES PROGRAM PUBLICATION RECEIPTS
   MIL L&S HUMANITIES HUMANIT (144-P108) 74.34

2. UWM ALUMNI ASSOCIATION
   MILWAUKEE, WI
   MONEY TO PAY SALARIES OF SPECIALIST AND LTE IN DEPARTMENT OF ALUMNI RELATIONS
   MIL U REL ALUMNI (133-B794) 4,862.50

3. UWM ALUMNI ASSOCIATION
   MILWAUKEE, WI
   MONEY TO BE USED FOR DEPARTMENTAL EXPENSES OF ALUMNI RELATIONS.
   MIL U REL ALUMNI (133-C616) 481.28

4. UWM FOUNDATION (WUWM-FRIENDS)
   MILWAUKEE, WI
   CHAIRMAN'S DISCRETIONARY ACCOUNT
   MIL L&S MASS COMMUNICATN WUWM-ADM G (133-C622) 950.00

5. ERNEST SPAIGHTS
   MILWAUKEE, WI
   THE SULLIVAN PROFESSORSHIP - IN SUPPORT OF TEACHING, RESEARCH AND COMMUNITY ACTIVITIES.
   MIL S WELF SOCIAL WELFARE (133-C660) 300.00

PHYSICAL PLANT

1. EDUCATION, DEPT. OF
   WASHINGTON, D.C.
   IN SUPPORT OF THE FOLLOWING:

   1) INTEREST SUBSIDY GRANT FOR CONSTRUCTION OF CENTRAL LIBRARY, STAGE 2 FOR THE PERIOD 02/02/74 THROUGH 04/01/82 FOR THE PERIOD 02-02-74 THROUGH 04-15-93 AWARD # 5-S-00642-0
   MIL ADM AF ASST CHAN OFFICE (144-J489) 28,748.00

   2) INTEREST SUBSIDY GRANT FOR THE GREAT LAKES STUDY CENTER FOR THE PERIOD 06/01/75 THROUGH 04/01/82 FOR THE PERIOD 06-01-75 THROUGH 04-15-93 AWARD # 5-S-00641-0
   MIL ADM AF ASST CHAN OFFICE (144-M862) 9,243.00

   3) INTEREST SUBSIDY GRANT FOR UW-MILWAUKEE CHEMISTRY BUILDING FOR THE PERIOD 06/12/74 THROUGH 03/01/82 FOR THE PERIOD 06-12-74 THROUGH 03-01-81 AWARD # 5-5-00611-0
   MIL ADM AF ASST CHAN OFFICE (144-Q827) 14,677.00
UNIVERSITY OF WISCONSIN - MILWAUKEE

PHYSICAL PLANT

4) INTEREST SUBSIDY GRANT FOR UW-MILWAUKEE HUMANITIES BUILDING FOR THE PERIOD 12/06/74 THROUGH 04/01/82 FOR THE PERIOD 12-06-74 THROUGH 04-15-81
AWARD # 5-5-00612-0 MIL ADM AF ASST CHAN OFFICE (144-0828) 29,912.00

RESEARCH

1. BOEING COMMERCIAL AIRPLANE CO.
SEATTLE, WASHINGTON
PRIME CONTRACTOR WITH ADVANCED MACHINING SYSTEMS STUDY FOR THE PERIOD 12-01-81 THROUGH 06-30-82
AWARD # P.O. Y-405296-0838N MIL BUS AD MGMT RESRCH CTR (144-R902) 9,989.00

2. MEDICAL COLLEGE OF WISCONSIN MILWAUKEE, WI
SOCIAL NETWORKS AND HEALTH SERVICES FOR THE URBAN ELDERLY: SEVEN RELATED RESEARCH PROJECTS TO BE CONDUCTED THROUGH THE UWM URBAN RESEARCH CENTER FOR THE PERIOD 01-15-82 THROUGH 01-14-83
AWARD # P.O. 19156 MIL GRAD URBAN RESRCH CTR (144-R881) 58,636.00

3. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD IN SUPPORT OF THE FOLLOWING:

1) PERFORMANCE OF OLDER ADULTS UNDER TIME PRESSURE FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 1R01AG0251302 MIL L&S PSYCHOLOGY (144-R863) 80,070.00

2) STRUCTURE AND REACTIVITY OF METALLOTHIONEIN FOR THE PERIOD 04-01-82 THROUGH 03-31-83
AWARD # 1RO1GM25958301 MIL L&S CHEMISTRY (144-R906) 118,752.00

4. NATIONAL ENDOWMENT FOR THE ARTS WASHINGTON, D.C.
CONSERVATION: TIMOTHY O'SULLIVAN PHOTOGRAPHS PROJECT FOR THE PERIOD 01-01-82 THROUGH 12-31-82
AWARD # 22443138 MIL F ARTS ART GALLERY (144-R862) 17,500.00

5. NATIONAL SCIENCE FOUNDATION WASHINGTON, D.C.
PHOTOEMISSION STUDIES OF ADSORBATES ON DISORDERED AND STEPPED SURFACES FOR THE PERIOD 04-15-81 THROUGH 09-30-82
AWARD # DMR-8101203 MIL L&S PHYSICS (144-0731) 59,000.00
UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

6. JOHNSON CONTROLS
MILWAUKEE, WI
VIBRATION TEST OF EQUIPMENT
AWARD # P.O. D074288
MIL ENG&AS CIVIL ENGINEER’G
(133-D748) 3,033.39

7. GREEN BAY METROPOLITAN SEWERAGE DISTRICT
GREEN BAY, WI
HYDRODYNAMIC AND WATER QUALITY MODELING IN
LOWER GREEN BAY – PHASE ONE.
MIL ENG&AS CIVIL ENGINEER’G
(133-E604) 70,850.00

8. COMPUTERIZED STRUCTURAL DESIGN
MILWAUKEE, WI
STRUCTURAL TESTING
MIL ENG&AS CIVIL ENGINEER’G
(133-8572) 598.00

STUDENT AID

1. BEQUEST OF ELSA ULRICH - MILWAUKEE, WI
TO ESTABLISH THIS FUND WITH THE INCOME AVAILABLE
FOR PURPOSES OF AWARDING SCHOLARSHIPS TO
QUALIFIED GRADUATE OR UNDERGRADUATE STUDENTS
IN THE AREA OF VISUAL ARTS
ELSAA ULRICH MEMORIAL FUND
(TRUST PRINCIPAL)
MIL F ARTS ART
( TRUST ) 38,167.73

2. EDUCATION, DEPT. OF
WASHINGTON, D.C.
BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM
FOR THE PERIOD 07-01-81 THROUGH 06-30-82
AWARD # PO0802028948
MIL STU AF FINANCIAL AID PROV’L&SUP
(148-B082) 1,763,146.00

3. UWM FOUNDATION
MILWAUKEE, WI
RUTH I. WALKER MEMORIAL FUND
MIL &S BOTANY
(133-C649) 900.00

4. VARIOUS (SPEAR ARTS EDUCATION TRUST)
DALLAS, TX
SCHOLARSHIPS FOR PROFESSIONAL THEATRE
TRAINING PROGRAM.
MIL F ARTS THEATRE
(133-E605) 500.00

TOTAL MILWAUKEE 2,440,598.72

INSTRUCTION 127,735.79
LIBRARIES 2,372.69
MISCELLANEOUS 6,768.12
PHYSICAL PLANT 82,580.00
RESEARCH 418,428.39
STUDENT AID 1,802,713.73

TOTAL MILWAUKEE 2,440,598.72
GIFTS, GRANTS AND CONTRACTS
MAY 07, 1982

UNIVERSITY OF WISCONSIN - EAU CLAIRE

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN HUMANITIES COMMITTEE
   MADISON, WI
   PRIME CONTRACTOR WITH NEH
   LOCAL HISTORY & GENEALOGY: AN INTERPRETIVE
   APPROACH - PHASE II
   FOR THE PERIOD 04-01-82 THROUGH 03-31-83
   EAU LIBRE UNIV LIBRARY
   (144-2045) 4,145.00

2. MISCELLANEOUS BUSINESS DONATIONS
   EAU CLAIRE, WI
   WUEC-FM: KANSAS CITY BASKETBALL TOURNAMENT FOR
   THE PERIOD 03-04-82 ONGOING
   EAU ART&SC SPEECH
   (133-2057) 195.00

RESEARCH

1. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
   ROCKVILLE, MD
   MALADJUSTMENT IN CHILDREN OF DISTURBED PARENTS
   FOR THE PERIOD 04-01-82 THROUGH 03-31-83
   AWARD # 5 R01 MH4862-02
   EAU EDUC SPECIAL EDUC
   (144-2051) 69,771.00

STUDENT AID

1. DHHS, PHS, HEALTH SERVICES ADMIN
   HYATTSVILLE, MD
   NURSING STUDENT LOANS FY'82
   FOR THE PERIOD 03-26-82 THROUGH 12-31-82
   AWARD # OSLS5000982BHL8
   EAU ST AST NURSING LOANS
   (LOANS) 12,245.00

TOTAL EAU CLAIRE
86,356.00

EXTENSION AND PUBLIC SERVICE 4,340.00
RESEARCH 69,771.00
STUDENT AID 12,245.00
MISCELLANEOUS

1. MULTIPLE DONORS
   SPECIAL EVALUATION PROJECTS
   GB 0 ED D ADMINISTRATION
   (133-A512) 3.00

2. SCHOOL SERVICES BUREAU
   GBE COM PR SCH SVC BUREAU
   (133-C550)

   618.15 MULTIPLE DONORS
   1,700.00 KEWAUNEE SCHOOL DISTRICT
   KEWAUNEE, WI

   2,318.15

RESEARCH

1. NATIONAL ENDOWMENT FOR THE HUMANITIES
   WASHINGTON, DC
   COMPREHENSIVE ETHNOHISTORY OF INDIAN REMOVAL
   IN THE OLD NORTHWEST, 1825-1855
   FOR THE PERIOD 06-01-82 THROUGH 05-31-85
   AWARD # RS-20255-82
   GBE CR COM HUMANISTIC STU
   (144-R925) 136,000.00

2. METROPOLITAN LIFE FOUNDATION
   NEW YORK, NY
   HOW DO ADULT STUDENTS STUDY IN COLLEGE?
   FOR THE PERIOD 07-01-82 THRU 06-30-83
   GB 0 ED D ADMINISTRATION
   (133-F158) 10,000.00

3. BAUER (EDDIE)
   REDMOND, WA
   STUDY OF COLD WEATHER PHYSIOLOGY AND EVALUATION OF
   PROTECTIVE GARMENTS
   GBE H BIOL HUMAN BIOLOGY
   (133-7809) 5,000.00

STUDENT AID

1. MULTIPLE DONORS
   SOURCE OF FINANCIAL AID PAYMENTS TO STUDENT
   ATHLETES AT THE UNIVERSITY OF WISCONSIN-GREEN BAY
   WITHIN THE GUIDELINES PRESCRIBED BY THE NATIONAL
   COLLEGIATE ATHLETIC ASSOCIATION
   GB I R &A ATHLETICS - MEN
   (133-7213) 560.00

TOTAL GREEN BAY 155,881.15

MISCELLANEOUS 2,321.15
RESEARCH 153,000.00
STUDENT AID 560.00
GIFTS, GRANTS AND CONTRACTS
MAY 07, 1982

UNIVERSITY OF WISCONSIN - LACROSSE

MISCELLANEOUS

1. UW-LA CROSSE -- REPRESENTING TRANSFER OF ADDITIONAL DISTRIBUTION FROM THE ESTATE OF EMMA LOU WILDER EMMA WILDER FUND (TRUST PRINCIPAL) LAC EX DIV CHANCELLORS OFF (TRUST) 7,500.00

TOTAL LACROSSE 7,500.00

MISCELLANEOUS 7,500.00

-------------------
UNIVERSITY OF WISCONSIN - PARKSIDE

GIFT-IN-KIND

1. MR. AND MRS. G. CLYDE BUCKSTAFF
   OSHKOSH, WI
   1,000 VOLUMES OF MATERIAL FOR THE LIBRARY/
   LEARNING CENTER
   GIFT-IN-KIND
   PKS LIB LC ADMINISTRATION ADMIN

INSTRUCTION

1. EXXON EDUCATION FOUNDATION - NEW YORK, NY
   TO ESTABLISH THIS FUND TO SUPPORT SEMINARS AND
   RELATED PROGRAMS ENTITLED "OVERCOMING
   PROFESSIONAL ISOLATION FOR FACULTY AT SMALL
   INSTITUTIONS".
   EXXON SEMINARS AND RELATED PROGRAMS - UW PARKSIDE
   (TRUST INCOME)
   PKS AC SUP ADMINISTRATION ADMIN (TRUST) 18,000.00

2. UNIVERSITY OF WISCONSIN FOUNDATION
   MADISON, WI
   SEMINAR EXPENSES-ECONOMIC EDUCATION
   PKS ACAD C ACADEMIC CENTERS ECON E&R I (133-C206) 430.12

LIBRARIES

1. MULTIPLE DONORS
   UNRESTRICTED GRANT TO THE UW-PARKSIDE LIBRARY
   PKS LIB LC ADMINISTRATION ADMIN (133-8337) 35.00

MISCELLANEOUS

1. MODINE MANUFACTURING COMPANY
   RACINE, WI
   SUPPORT OF INSTRUCTION AND RESEARCH IN THE USE OF
   THE SCANNING ELECTRON MICROSCOPE AT UW-PARKSIDE
   PKS SC&SOC SCIENCE EARTH SCI (133-8575) 3,000.00

RESEARCH

1. S. C. JOHNSON & SON, INC.
   RACINE, WI
   SCIENCE DEPARTMENT RESEARCH FUND-PKS
   (TRUST INCOME)
   PKS SC&SOC SCIENCE ADMIN (TRUST) 4,000.00

STUDENT AID

1. EDUCATION, DEPT. OF
   WASHINGTON, DC
   BASIC EDUCATIONAL OPPORTUNITY GRANTS PROGRAM
   FOR THE PERIOD 07-01-81 THROUGH 06-30-82
   AT A TOTAL COST OF $663,979.00
   AWARD # POO8B203238, MOD. 2
   PKS BUS SV FELLows & SCHOLS (148-G082) 94,661.00
GIFTS, GRANTS AND CONTRACTS
MAY 07, 1982

UNIVERSITY OF WISCONSIN - PARKSIDE

STUDENT AID

2. MULTIPLE DONORS
   PARKSIDE SCHOLARSHIP FUND
   PKS BUS SV FELLOWS & SCHOLS (133-9472) 20.00

   TOTAL PARKSIDE 120,146.12

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UNIVERSITY OF WISCONSIN - PLATTEVILLE

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN STATE COUNCIL ON ECONOMIC EDUCATION, INC
   MILWAUKEE, WI
   FUNDING OF CENTER FOR ECONOMIC EDUCATION FOR THE
   PERIOD 01-82 THROUGH 12-82
   AWARD # CK 188684, MOD. 7
   PLT B,I&C  DN-BUS, IND&COM  (133-0170) 500.00

RESEARCH

1. SOUTHWESTERN WISCONSIN COMMUNITY ACTION
   PROGRAM, INC
   DODGEVILLE, WI
   COMPUTER ANALYSIS OF TRANSPORTATION STUDY DATA
   FOR THE PERIOD 02-82 THROUGH 04-82
   AWARD # CK 580
   PLT EDUC EDUCATIONAL PSYCH  (133-0172) 250.00

STUDENT AID

1. WISCONSIN RURAL REHABILITATION CORPORATION
   MADISON, WI
   AGRICULTURE SCHOLARSHIPS FOR THE PERIOD
   01-82 THROUGH 05-82
   AWARD # CK 770, MOD. 1
   PLT AGRIC DEAN OF AGRIC  (133-0169) 8,208.00

2. FISH BUILDING SUPPLY (PEAVEY COMPANY)
   PLATTEVILLE, WI
   SCHOLARSHIPS FOR STUDENTS IN INDUSTRIAL STUDIES
   FOR THE PERIOD 07-82 THROUGH 12-82
   AWARD # CK 31495
   PLT B,I&C INDUSTRIAL STU  (133-0171) 500.00

   TOTAL PLATTEVILLE  9,458.00

EXTENSION AND PUBLIC SERVICE  500.00
RESEARCH  250.00
STUDENT AID  8,708.00

------------
UNIVERSITY OF WISCONSIN - STEVENS POINT

RESEARCH

1. DOD, ARMY
   SPARTA, WI
   DEER TEETH SECTIONS
   FOR THE PERIOD 01-19-82 THROUGH 04-09-82
   AWARD # DAKF61-82-M-2249
   STP CONR NATURAL RESOURCES NAT RESRCS (144-8414) 87.50

2. WI DEPT OF NATURAL RESOURCES
   RHINELANDER, WI
   BEAR TOOTH SECTIONS - STAIN AND CLASSIFY FOR THE
   PERIOD 01-01-82 THROUGH 08-31-82
   AWARD # NRB 13979, 14168
   STP CONR NATURAL RESOURCES NAT RESRCS (133-8412) 2,187.00

3. WISCONSIN RIVER POWER COMPANY
   WISCONSIN RAPIDS, WI
   PETENWELL WILDLIFE MANAGEMENT PLANNING FOR THE
   PERIOD 01-01-82 THROUGH 12-31-82
   AWARD # 133-04-4987
   STP CONR NATURAL RESOURCES NAT RESRCS (133-8470) 7,500.00

TOTAL STEVENS POINT 9,774.50

RESEARCH 9,774.50
UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

1. COOPERATIVE EDUCATIONAL SERVICE AGENCY #6
   CHIPPEWA FALLS, WI
   PRIME CONTRACTOR WITH DED
   CONTRACT FOR PERSONNEL SERVICES PROVIDED THROUGH
   THE NEEDS ASSESSMENT PROJECT
   FOR THE PERIOD 01-01-82 THROUGH 06-30-82
   AWARD # 9615-1-A-82
   STO CREI CTR FOR R&E IMPV CTR-R&E IM (144-0532) 1,767.00

GIFT-IN-KIND

1. STOUT FOUNDATION, INC
   MENOMONIE, WI
   GIFT OF MODEL 420 FLUORESCENCE DETECTOR
   AWARD # 9309-1-A-82
   STO

INSTRUCTION

1. STOUT UNIVERSITY FOUNDATION, INC
   MENOMONIE, WI
   PILOT PROJECT: STUDENT RECORDS MANAGEMENT SYSTEM
   FOR THE PERIOD 03-82 THROUGH 06-82
   AWARD # 8020-1-A-82
   STO LIB RE MEDIA TECHNOLOGY (133-0465) 3,461.00

2. STOUT UNIVERSITY FOUNDATION, INC
   MENOMONIE, WI
   ESTABLISH A GALLERY FOR HISTORICAL AND
   CONTEMPORARY EXHIBITS FOR THE PERIOD
   12-01-81 THROUGH 12-31-82
   AWARD # 2099-1-A-82
   STO H ECON APPAREL, TEX&DES (133-0484) 4,752.00

3. STOUT UNIVERSITY FOUNDATION, INC
   MENOMONIE, WI
   WORKSHOPS TO UPGRADE FACULTY WRITING SKILLS FOR
   THE PERIOD 03-01-82 THROUGH 02-15-83
   AWARD # 3099-1-A-82
   STO LIB ST ENGLISH (133-0529) 9,633.00

LIBRARIES

1. EDUCATION, DEPT OF
   WASHINGTON, DC
   PROVIDE MATERIALS FOR USE IN THE LIBRARY
   FOR THE PERIOD 10-01-81 THROUGH 09-30-82
   AWARD # GO08152622
   STO LIB RE M RETR SV-BOOK A (144-0530) 1,200.00
UNIVERSITY OF WISCONSIN - STOUT

RESEARCH

1. WI DEPT OF PUBLIC INSTRUCTION
   MADISON, WI
   PARKER/JANESVILLE FOUNDATION PROJECT: PHASE I
   AWARD # PAB 01688
   STO CREI CTR FOR R&E IMPV CREI-RES P (133-0544) 17,642.00

2. ANDY REITINGER
   FREEPORT, IL
   COMPARISON OF THE EFFICIENCY OF DRY CLEANING
   SOLVENT WITH AND WITHOUT PMB IN COTTON AND SILK
   FABRICS FOR THE PERIOD 12-01-81 THROUGH 08-03-82
   AWARD # 9111-1-A-82
   STO I&TECH SCH-IND&TECH ADM (133-0763) 907.00

TOTAL STOUT 39,362.00

EXTENSION AND PUBLIC SERVICE 1,767.00
INSTRUCTION 17,846.00
LIBRARIES 1,200.00
RESEARCH 18,549.00
UNIVERSITY OF WISCONSIN - WHITewater

STUDENT AID

1. FIRST BANK & TRUST CO. - BURLINGTON, WI
   DISTRIBUTION OF INCOME TO ESTABLISH THIS
   FUND WITH THE INCOME TO ASSIST THE HONORS
   PROGRAM IN ATTRACTING OUTSTANDING HIGH SCHOOL
   STUDENTS
   MARIE Z. DWYER FUND - WTW
   (TRUST INCOME)
   WTW L&S   ENGLISH
   (TRUST )   1,316.51
   TOTAL WHITewater   1,316.51

STUDENT AID   1,316.51
GIFTS, GRANTS AND CONTRACTS
MAY 07, 1982

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. THE ANSUL COMPANY
   MARINETTE, WI
   CHEMICAL INSTRUMENTS AND EQUIPMENT
   GIFT-IN-KIND
   CNS MARIN

2. MARY ELLEN YOUNG
   MILWAUKEE, WI
   BOOKS AND PERIODICALS
   GIFT-IN-KIND
   CNS WAUK LIBRARY

TOTAL CENTER SYSTEM  .00
GIFTS, GRANTS AND CONTRACTS
MAY 07, 1982

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN PRIVATE SECTOR INITIATIVE PROGRAM
   MADISON, WI
   PRIME CONTRACTOR FOR LABOR
   COMPUTER-BASED SMALL BUSINESS EDUCATION AND
   COUNSELING
   FOR THE PERIOD 04-01-82 THROUGH 09-30-82
   AWARD # 7RAA-82-240(04)
   EXT E E D SMALL BUS DV CTR S B D C (144-R884) 14,788.00

2. MULTIPLE DONORS
   PROFESSIONAL IMPROVEMENT OF THE RECREATION
   RESOURCE CENTER STAFF
   EXT E E D RECR RESRCS CTR (133-D074) 1,047.50

3. MILWAUKEE COUNTY
   MILWAUKEE, WI
   PARTIAL SUPPORT OF TEN PROFESSIONAL STAFF PLUS
   THE EXPENSES OF FIVE PARA-PROFESSIONAL STAFF
   FOR THE PERIOD 01-01-81 THRU 12-31-81 REDUCED
   PER MUTUAL AGREEMENT
   EXT COM PR COMMUNITY PROGS MILW CO (133-E278) 10,361.63

4. MULTIPLE DONORS
   PROFESSIONAL DEVELOPMENT OF STAFF AND FURTHERING
   THE GEOLOGICAL SURVEY EFFORT
   EXT E E D NAT & ENV RSRC GS (133-E539) 330.51

5. GREATER MADISON CHAMBER OF COMMERCE
   MADISON, WI
   COMMUNITY INDUSTRIAL DEVELOPMENT INVENTORY
   SYSTEM FOR DANE COUNTY
   EXT E E D AGRIC, AGRI-BUS AGR ECON (133-E904) 1,000.00

6. MANOFF (LUCY AND RICHARD K.) FOUNDATION
   NEW YORK, NY
   WISCONSIN HUMANITIES COMMITTEE REGRANTS AND
   GENERAL SUPPORT
   EXT ADM SV WIS HUMANITIES C (133-E982) 1,000.00

7. WISC DEPT OF HEALTH AND SOCIAL SERVICES
   MADISON, WI
   UNDERWRITING AND RELATED COSTS AND PURCHASE OF
   TELECAPTION ADAPTER UNITS ASSOCIATED WITH THE
   INFO-TEXT PROJECT FOR THE PERIOD 03-02-82 THRU
   06-30-82
   AWARD # P.O. #GAB 39650
   EXT E C TELEVISION (133-F175) 2,900.00

8. CONSULTING ENGINEERS COUNCIL OF WISCONSIN
   MADISON, WI
   SUPPORT PROGRAMS OF THE DEPARTMENT OF BUSINESS AND
   MANAGEMENT
   EXT EED-CE MANAGEMENT INST ADMIN (133-4539) 1,200.00

9. WISCONSIN ASSOCIATION OF FAIRS
   SULLIVAN, WI
   SUPPORT THE PRODUCTION OF EXHIBITS
   EXT E C AGR JOURNALISM AGR JOURN (133-9017) 1,200.00

TOTAL EXTENSION 13,104.38

EXTENSION AND PUBLIC SERVICE 13,104.38
## GIFTS, GRANTS AND CONTRACTS SUMMARY
### ITEMS PROCESSED 03-19-82 THROUGH 04-15-82

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Amendments to Restatement of Policy on Equal Employment Opportunity
Adopted August 15, 1975

(Material added is underscored; material deleted is excised.)

PART I - POLICY STATEMENT (No changes proposed)

PART II - GUIDELINES FOR POLICY IMPLEMENTATION

Basic Requirements - Each institution/unit shall:

1. Examine periodically all employment policies, practices, and procedures dealing with recruiting, interviewing, testing, screening, selection, placement, classification, evaluation, transfer, promotion, training, compensation, fringe benefits, layoffs, and terminations for discrimination on the basis of race, color, religion, sex, national origin, age, or physical handicap and take remedial action to correct such discrimination if found to exist.

2. Maintain a written affirmative action plan for the recruitment, employment, and promotion of women and minorities and monitor both hiring and termination for non-discrimination in accordance with System affirmative action guidelines and federal and state laws. Make the plan readily available for reference in campus libraries and affirmative action offices. Make summaries of affirmative action plans available for distribution upon request or through campus publications. Update the plan as necessary to keep it current. Prepare affirmative action progress reports for distribution at least once a year. The report should include an analysis of progress made together with any specific corrective action necessary to meet expected goals and objectives of the institution's affirmative action plan.

3. Establish and maintain an affirmative action committee (or committees, as appropriate) composed of faculty, academic staff, classified employees, and students to advise the administration on affirmative action needs and concerns, and to assist affirmative action directors in designing and implementing programs. Committee members should have a genuine interest in affirmative action and represent the concerns of women, minorities and handicapped persons.

4. Establish and publish effective grievance procedures for addressing discrimination complaints.

5. Performance evaluations of institutional administrators shall include an assessment of their attention to and support of affirmative action.

5/7/82
6. Each institution should have an affirmative action director with adequate budget and support staff commensurate with institutional needs. The affirmative action director should be a resource and support person for affirmative action advisory committees and other institutional groups legitimately concerned with affirmative action. Affirmative action directors should address the needs of both classified and unclassified personnel.

7. The System President shall present to the Board of Regents an annual affirmative action report assessing institutional progress toward affirmative action goals and compliance with Regents policies.

8. Affirmative action and equal employment opportunity policies should be widely disseminated in the university community so that everyone--including students--will be apprised of such policies.

The Affirmative Action Plan - The Plan shall contain, as a minimum, the following components:

1. A current policy reflecting the institution's commitment to affirmative action and equal employment opportunity, and an account of when, how, and to whom copies of the plan are distributed.

2. A description of who is responsible for the implementation and monitoring of the affirmative action plan, including the specific responsibilities of the affirmative action director, institutional administrators, deans, department chairpersons, and line supervisors.

3. A description of the procedures established for monitoring the plan and for measuring program effectiveness.

4. A description of the affirmative action procedures to be followed in the recruitment, employment, and promotion of women and minorities.

5. A profile of the number and percent of women and minority employees by department, rank, and/or classification.

6. The identification of underrepresentation of women and minorities by department, rank, and/or classification, both classified and unclassified. ("Underrepresentation" is defined as having fewer women and/or minorities in a particular department, rank, or classification than would be reasonably expected by their availability.)

7. Identification of availability-data sources used for measuring underrepresentation.

8. The establishment of realistic goals and timetables relative to expected accretion potentials for overcoming the underutilization of women and minorities.
9. A review of promotional patterns to determine if the rate of advancement for women and minorities as a group has been equal to that of other employees as a group.

10. An account of the procedures by which employee salary equity is measured and maintained.

11. A statement of the procedures followed for addressing discrimination complaints.

12. A description of training programs designed to assist in the promotion of women and minorities. A commitment to conduct training and professional development programs to aid in the promotion and career advancement of women, minorities, and handicapped persons.

13. A commitment to carry out community outreach programs sponsored by the institution with the aim of increasing educational and employment opportunities for women, minorities, and handicapped persons.

### 1982-83 ACADEMIC FEE/TUITION* ADJUSTMENTS

<table>
<thead>
<tr>
<th></th>
<th>1981-82 Fees/Tuition (Incl. Surcharge)</th>
<th>1982-83 Estimated Cost Per Student Adj. for 2% GPR Base Reduction</th>
<th>Proposed 1982-83 Fee/Tuition Schedule</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Fees/Tuition</td>
<td>Dollar Increase</td>
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<tr>
<td><strong>DOCTORAL CLUSTER</strong></td>
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<tr>
<td><strong>Resident Students</strong></td>
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<tr>
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<td>$895</td>
<td>$3,637</td>
<td>$994</td>
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<tr>
<td>Graduate</td>
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<td>6,269</td>
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<tr>
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<td><strong>Nonresident Students</strong></td>
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<td>Medical School</td>
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<td>7,599</td>
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<td><strong>UNIVERSITY CLUSTER/CENTERS</strong></td>
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<td><strong>Resident Students</strong></td>
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<td><strong>Nonresident Students</strong></td>
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<td><strong>Average % Increase</strong></td>
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<tr>
<td><strong>Overall % of Cost Per Student</strong></td>
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</tbody>
</table>

*Tuition represents the amount paid by nonresident students in addition to the resident fee.*
REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT).

A. An Agreement between the University of Wisconsin - Oshkosh and the Neenah Joint School District providing joint instruction at Armstrong High School under a Cooperative Academic Placement Program during the spring semester of the 1981-82 school year has been signed by the Executive Director-Financial Services, UW-Oshkosh.

B. The lease of 8,100 square feet of space at 602 State Street, to provide administrative office space for the Center System Administration, has been extended through December 31, 1982, by agreement of Allen and O'Hara, Memphis, Tennessee, owners. The per square foot rate for this period will be $8.60 ($5,805/month). There are no renewal options.

C. The lease of 350 square feet of space in the building known as "The Walkway," Sister Bay, Wisconsin, to provide office space for the Northeast Advisory Services Field Agent for the Sea Grant College Program has been signed by the Vice President for General Services. The annual cost for the period July 1, 1982 to June 30, 1983, is $3,000. If the one-year renewal option to June 30, 1984, is exercised, the annual cost will be $3,300.

D. To Be Published by UW-Press:

<table>
<thead>
<tr>
<th>TITLE</th>
<th>AUTHOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Beowulf's Wealthishow and the Valkyrie Tradition&quot;</td>
<td>Helen Damico</td>
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</table>

IV. REPORT OF ACTIONS TAKEN BY THE STATE BUILDING COMMISSION ON 28 APRIL 1982, AFFECTING THE UNIVERSITY OF WISCONSIN SYSTEM.

At the time this report was compiled, the State Building Commission had not yet met for their April 1982 meeting. Therefore, this information will be included in the June 1982 Board of Regents Report.
<table>
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<tr>
<th>AGENCY/DONOR</th>
<th>PROJECT DESCRIPTION</th>
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<th>AMOUNT</th>
<th>PROJECT PERIOD</th>
<th>PROJECT DIRECTOR</th>
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<td>$6,200.00</td>
<td>01-18-82/06-30-82</td>
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<td>Task Order # PM 0740/ 00056/12201</td>
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