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MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Madison, Wisconsin

Held in the Clarke Smith Room, 1820 Van Hise Hall

Friday, July 13, 1984

9:00 a.m.

- President Lawton presiding -

PRESENT: Regents Clusen, Conroy, Finlayson, Gerrard, Hanson, Heckrodt, Knowles, Lawton, Nikolay, O'Harrow, Schilling, Veneman, Weinstein and Zirbel

ABSENT: Regents Fish and Grover

Upon motion by Regent Hanson, seconded by Regent Conroy, the minutes of the annual meeting of the Board of Regents of the University of Wisconsin System, held on June 8, 1984, were approved as mailed to the members of the Board.

REPORT OF THE PRESIDENT OF THE BOARD

Regent - By Laws
Amendment of Board Bylaws

- Approval of amendments to By Laws
R 3106 & EX. A

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

Resolution 3106: That the proposed amendments to the Bylaws of the Board of Regents, dated July 13, 1984, be approved (EXHIBIT A).

Board of Regents meeting 7/13/84

✓ VTAE - Last report as Regent and VTAE Board President of - 2
Marilyn Zirbel reporting on Minnesota's article of commendation
for excellence in postsecondary education of UW & VTAE systems;
Report of the President of the State Board of Vocational, Technical and
Adult Education and result of a recent VTAE Board retreat,
p. 2

President Lawton recognized Regent Zirbel, who was retiring as President of the VTAE Board and was attending her last Board of Regents meeting. He expressed appreciation for "her devotion to this Board and faithful attendance, contribution and excellence as a Regent."

Referring to a report from Minnesota, Regent Zirbel called attention to an article which commended the Wisconsin university and VTAE systems for their excellence in postsecondary education.

She then spoke about a recent VTAE Board retreat, the purpose of which was to reexamine the Board's responsibilities, conduct a critical evaluation and chart new directions for the future. The retreat began with a thorough analysis of the current statutory powers and duties of the State Board. Then a group process technique was employed to identify external and internal factors which affected the Board; strengths and needs of the System; perceptions of how the Board was viewed by the Governor, the Legislature, and the district boards and administrators; the programmatic and administrative roles of the VTAE System; the particular roles of the State Board; and the statutory powers and duties needed to carry out those roles. She was gratified by the integrity, candor and enthusiasm with which the Board members applied themselves to the task of self-evaluation/role definition and by the willingness of the Board to directly confront critical judgment, as well as positive findings. "With this better understanding of who we are and what we ought to be doing, we look to our future challenges with renewed confidence."

In conclusion, Regent Zirbel stated: "It has been a real joy for me to serve as a member of the Board of Regents and to have an opportunity to expand my educational friendship circle. It is my sincere wish that cooperation among the University, the VTAE and the DPI will continue toward the goal of better service to Wisconsin residents. It would be a shock to me if it did not, because of the leadership we have in each of the areas. To all of you on every level, I personally thank you for your donation to education, and I intend to stay interested and hopefully participate in education for a long time to come. Again, I thank each of you for letting me be part of you."

✓ Lorenz, Reuben - Resolution of commendation for past service &
designator as Vice President Emeritus, R 3107, pp 2-3
Resolution of Commendation: Reuben Lorenz

Regent Veneman presented Resolution 3107 and moved its adoption. The motion was seconded by Regent O'Harrow and voted unanimously.

Resolution 3107: Whereas, Reuben Lorenz has retired after 37 years of dedicated and distinguished service to the University of Wisconsin and the UW System; and

✓ Vice President - University - Resolution of commendation &
designator as Vice President Emeritus to Reuben Lorenz
R 3107, pp 2-3

Whereas, his career spanned the administrations of six university presidents, during which time he held a number of high-level administrative offices, including the positions of System Vice President and Controller, and System Vice President and Trust Officer, in addition to which he served for the past year as Acting Executive Vice President of the UW System; and

Whereas, his wise counsel in the formative years following merger helped to guide the development of the UW System and to preserve the Wisconsin tradition of excellence in public higher education; and

Whereas, he has given invaluable assistance to the Board of Regents and particularly to the Business and Finance Committee in bringing to Regent deliberations his sound judgment, his expertise in a wide range of financial matters, and his insights borne of a strong commitment to the University's academic mission and its financial well-being;

Therefore, be it resolved that the Board of Regents recognizes the debt of gratitude owed Reuben Lorenz for a career filled with accomplishment and dedication to making it possible for UW System institutions to provide to their students an educational experience of the highest quality; and

Be it further resolved that the Board of Regents, with deep appreciation for the exceptional service he has rendered, hereby grants to Reuben Lorenz the title and status of Vice President Emeritus.

Committee Appointments

✓ NOTE:
(for indelings)
see EX B

Secretary's note: Regent committee appointments for 1984-85 are appended as EXHIBIT B.

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REPORT OF THE PRESIDENT OF THE SYSTEM

Approval of Non-personnel Actions/Informational Items

The following resolution was unanimously adopted upon motion by Regent Knowles, seconded by Regent Heckrodt:

Resolution 3108: 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.

✓ *Great Lakes Research Facility - Presentation to the Board on the Sea Grant Program by UW-Madison Professor Robert Ragotzkie, Director, pp 4-7*
Presentation on UW System Sea Grant Program

Introducing UW-Madison Professor Robert Ragotzkie, Director of the Sea Grant Program, President O'Neil noted that Wisconsin's program was one of the most significant in the nation and that it involved a number of UW System institutions, as well as two in the independent sector. "It is really an extraordinary example of the marshalling of federal and state resources, of universities of a wide variety, focusing on a particular set of issues that are central to the environment in which we live, the economy, and the welfare of the state."

Dr. Ragotzkie pointed out that the Sea Grant Program was a partnership between the federal government, state governments and universities to support a university program that integrated the traditional functions of research, education and outreach in focusing on marine and Great Lakes resources and their environments. Wisconsin was a charter member of the national Sea Grant Program, which had been in existence for about sixteen years. The group now included 30 institutions in 29 coastal and Great Lakes states.

Another aspect of the program was that funding was based on competition rather than on a formula, and it was therefore necessary to compete for federal support every two years. Stating that Wisconsin had fared much better in that regard than might be expected for a Great Lakes state, Dr. Ragotzkie said that of the 30 Sea Grant programs around the country, Wisconsin was fifth in terms of federal support and second only to California in combined federal/state support.

The goals of the program were to improve the use of marine resources, protect the marine environment, and to provide education to students and the public on marine environment and resources. While the main emphasis of the Wisconsin program was on the Great Lakes, much of the work done in this state applied equally well to the oceans, and some of Wisconsin's work had been done in the oceans themselves.

With reference to the program's organization, Dr. Ragotzkie explained that it was administered through the Sea Grant Institute in Madison and was overseen by a broadly representative advisory council with membership from the UW System, state agencies and the public. The program was Systemwide, currently involving seven campus units--Madison, Milwaukee, Green Bay, Parkside, Stevens Point, Superior and Extension--as well as Lawrence University and the Medical College of Wisconsin. Fifty-six different departments and centers or institutes participated in the program, as did more than 50 graduate students and an equal number of undergraduates. Many more students were reached through courses and seminars supported by the program.

Research was organized into seven diverse subprograms: living resources, microcontaminants and water quality, studies of Green Bay, aqua-culture, seafood technology, diving physiology, and policy studies. Projects often involved several campuses; for example, the Green Bay program included researchers from Milwaukee, Green Bay, Stevens Point, Parkside and Madison, all focusing on the same study area under a coordinator from UW-Green Bay.

The outreach program, called Sea Grant Advisory Services, included four field agents with offices in Superior, Green Bay, Sister Bay and Milwaukee. There were specialists in various outreach activities, particularly seafood technology, coastal engineering, marina design, ice protection and recreation. In addition, faculty carried on outreach routinely in their interaction with agencies and with the public.

Dr. Ragotzkie then gave examples of research done through the program. From the beginning, Wisconsin had been concerned about the problem of microcontaminants in the Great Lakes, and pioneer work on PCBs in the late 1960s and early 1970s had placed this university in the lead on that subject. Extensive research had been done on the sources of the PCBs and other similar organic compounds, with attention to their effects on not only fish, birds and biota, but on people in the Great Lakes basin. Noting that the problem was a particularly difficult one, he said that while it was agreed that PCBs were toxic at high levels, it is less well understood what low levels of those substances--levels that might be encountered by eating fish from the Great Lakes--could do to humans. At the request of the State Department of Natural Resources and the Department of Health and Social Services, Sea Grant researchers examined the effects of eating PCB-contaminated fish on a group of mothers and babies in Sheboygan, a site chosen because of a 1978 spill which contaminated the Sheboygan River with PCBs. (The project also involved the UW-Madison departments of Preventative Medicine and Anthropology, as well as the Sheboygan Public Health Department.) Seventy-three pregnant women were selected and followed through their pregnancies and the development of their babies in order to find out whether the mothers' serum and milk would show high PCB levels due to eating fish and to determine the effect, if any, of these levels on the babies. The results showed that PCB levels of the mothers were very weakly related to their fish-eating habits. The effects of PCBs on the babies were deleterious in terms of more disease but not on growth and development. The benefits of breast feeding, however, outweighed the harmful effects of the PCBs. It was also found that PCB levels of the mothers in Sheboygan, whether or not they ate Great Lakes fish, were as a whole below those of the national average of women in that age group. In addition, PCB levels in the blood and milk of the mothers was better correlated to their work place than to their fish-eating habits, with those who worked in offices having higher levels than those who stayed at home. The final result was that, while eating Great Lakes fish caused some risk, it was not to be considered a reason for panic.

As a second example, Dr. Ragotzkie described research in aqua-culture, a rapidly growing field which by 1980 produced 2 1/2 percent of the fish and seafood eaten in this country. It had become a billion dollar business, and the expectation was that its growth would be ten-fold by the end of the century. The Sea Grant Program's involvement began ten years ago with the study of yellow perch, a cool-water fish for which there was local demand. Research was being done on pond culture, control of spawning, larval development, sex control, nutrition, genetic engineering, the effects of

stress, and immunology. There was also experimental work at the Great Lakes Research Facility in Milwaukee on sturgeon and chubs, which had attracted the attention of power companies and had support from a Norwegian fish-culture firm. Adding that there was a significant trout-growing industry in Wisconsin, he said the Sea Grant Program was performing research to help develop that potential as well.

In another research area, Dr. Ragotzkie spoke about work being done to rehabilitate lake trout which had become extinct in Lake Michigan in 1950 because of overfishing. The effort to reestablish the spawning population was to be aided next summer by a research vessel from the National Oceanic and Atmospheric Administration, which would conduct a research cruise in Lake Michigan on lake trout rehabilitation. This would be the first time, he noted, that a NOAA ship had been dedicated to an academic cruise. Coordinated by the Sea Grant Program, it would involve under-water sonar of historic reefs, as well as under-water TV from the University of Michigan program. Biologists from the DNR, the Fish and Wildlife Service and NOAA were to participate.

In conclusion, Dr. Ragotzkie said that, just as the Sea Grant Program had been good for the university and the state, the university, the Legislature and the public had reciprocated by giving their support to the program.

Commending Dr. Ragotzkie on the achievements of the Sea Grant Program, Regent Gerrard asked if the program was involved in the river study at UW-LaCrosse.

Dr. Ragotzkie replied in the negative, explaining that the program was limited by law to the oceans and the Great Lakes.

Regent O'Harrow inquired about the availability of the program's publications and asked if they were housed in a university library. In response, Dr. Ragotzkie indicated that a great deal of information was published through the Sea Grant office and that these publications were available at 1800 University Avenue. In addition, the program supported faculty who published in technical reports and scientific journals. While there was not a collection as such in the campus libraries, the publications were available and catalogued there under author, title and subject matter. Adding that the program was very active in distributing literature to the public, he cited the example of a publication on PCBs that had reached 30,000 persons.

Regent Heckrodt asked if the program supplied the DNR with information on PCB levels. Replying in the negative, Dr. Ragotzkie said the DNR sampled fish, which were then analyzed by an independent laboratory or by the State Laboratory of Hygiene. These data were shared with the Sea Grant Program and other agencies for research purposes. Noting that the DNR sampled in particular "hot spots" in order to keep the public apprised of any high PCB levels, he observed that such studies were expensive, with PCB analysis costing about \$150 and dioxin analysis costing \$1,200.

Regent Clusen asked for further information on the process of competition for funds.

Dr. Ragotzkie explained that proposals were solicited from across the System and the best were selected through peer review for submission to the federal government, where funding decisions were made. Only about one-third of the proposals were accepted through the university program review process, and because of this careful screening, about 95% of those forwarded to the federal government received funding. The submission was an institutional application composed of approximately 40-50 projects that were built into a coherent program.

In response to a question by Regent Knowles about the need for ice protection, Dr. Ragotzkie said ice on Great Lakes docks and marinas created serious problems in that it caused pilings to be pulled out of the water. This was a problem unique to the Great Lakes because of the cold climate and the fresh water.

President O'Neil observed that the presentation not only provided an example of university resources addressing immediate and practical needs, but also showed how the resources of the entire System could be brought to bear on such issues.

Regent Maryellen Zirbel - Expression of appreciation for past service by President O'Neil, p. 7

Expression of Appreciation to Regent Zirbel

Expressing appreciation to Regent Zirbel for her service, President O'Neil noted that "perhaps the clearest measure of her contribution is that we have all come to regard her in every sense as a regular Regent, and that the term 'ex officio' has simply been dropped over the months that we have worked with her."

Barneveld - Outline of aid provided by UW system for victims of tornado, pp 7-8

Assistance by UW System in Aftermath of Barneveld Tornado

The University's role in aiding disaster victims was described by President O'Neil, who indicated that medical care was provided immediately after the tornado by the mobile critical care unit from the UW Hospital and Clinics. A group headed by Dr. Marvin Birnbaum, Director of Emergency Medical Services, was in Barneveld by 2:00 a.m. to aid rescue efforts, after which the team moved to the Dodgeville hospital to continue giving treatment. University Hospitals provided medical care to disaster victims who were brought to Madison. Later in the day, UW-Madison Protection and Security assigned two officers around the clock for a five-day period to help maintain a road check on highways leading into Barneveld, and front-end loaders were sent to assist in clean-up work over a three-day period. Meanwhile, UW-Extension arranged six meetings for victims of the storm throughout a four-county area. Each meeting was chaired by a county agricultural agent assisted by Extension faculty and area agricultural professionals, lenders, and builders. Individual counseling was provided after each meeting, and follow-up contacts were continuing. Iowa County Extension agents were particularly active in arranging for provision of extensive expertise in business, economic development, financial planning, land use zoning, community design, solid waste management and other fields. A specific proposal of aid was formally made and accepted by the Barneveld Village Board on June 14 with UW-Extension as the key medium of assistance.

This summary, the President noted, reflected the diverse capacity of a state university to respond to needs that were not within the normal academic purview,

✓ Admission Standards - Report and discussion, pp 8-9
 ✓ Teacher Education - Final report due in December from System Council, pp 8-9

University Relationships with Elementary/Secondary Education

Referring to the report he had given to the Education Committee the previous day, President O'Neil stated that a great deal had been accomplished in the last year, which had been an exceptionally active time for the University, the Department of Public Instruction and for educational concerns at all levels of state government. All System institutions had reexamined their admission standards, most having raised or tightened them, and it was anticipated that there would be continuing review of expectations for college-bound students before the new law on high school graduation requirements took effect. In the process, he added, the universities needed to retain some flexibility for nontraditional students who might be some years out of high school or who reached college through high school equivalency rather than the normal diploma route.

In the area of quality standards in teacher education, a Systemwide council chaired by former Executive Vice President Joseph Kauffman had held a series of hearings around the state, and a DPI Task Force also had made recommendations on that subject. A final report by the System council was to be submitted in December. Wisconsin's effort in this regard, the President pointed out, seemed to be the only one among all the states represented at a recent national conference which was voluntary rather than mandated by state government.

Other initiatives included progress in improving communication to the major feeder schools on the performance of their graduates as college freshmen; increased recognition of merit through scholarship programs; a greater number and variety of summer institutes and workshops for teachers and students; a testing program for high school juniors; an education advisory council for each System institution; and new opportunities for links with the business community in appreciation of growing business support for DPI and local school initiatives.

Regent Weinstein called attention to a recent newspaper article which indicated that even when the new high school graduation requirements went into effect, a high school diploma would not necessarily qualify graduates for admission to the university. Specific reference had been made in the article to UW-Green Bay.

Noting that Regent policy required a student to present a high school diploma for admission, President O'Neil said that high school graduation requirements were, therefore, a prerequisite for admission to UW System institutions, with some narrow exceptions, such as those admitted with a GED. By the time the new law on high school graduation requirements took effect in 1988, he thought all System institutions would have raised their admission standards to at least that level. At the present time, he added, a large percentage of incoming freshmen had a greater number of academic units than

would be required by the state law. For example, the typical incoming UW-Madison freshman had about seventeen academic units.

With respect to the specific point raised by Regent Weinstein, the President noted that minimum high school graduation requirements would not necessarily admit a student to any of the UW System institutions, with the possible exception of the Centers. Students were therefore advised and expected, if college bound, to take additional courses.

Another issue, he added, had to do with terminology in that use of the word "English" in university admission requirements did not necessarily have the same meaning as use of that term in the high school curriculum. He felt a Systemwide forum was needed to address such problems of interpretation.

Minnesota - Report on Supreme Court decision that Minnesota community college faculty may not negotiate collective bargaining agreements, p 9
✓ collective bargaining (same as above)
Supreme Court Decisions

Commenting on U.S. Supreme Court decisions which affected higher education, President O'Neil first mentioned a case in which the Court held that Minnesota community college faculty had no constitutional right to participate in the actual negotiation of collective bargaining agreements.

✓ Discrimination - Supreme Court judgment on scope of Title IX, p 9

In late February, he continued, the Court rendered a mixed judgment on the scope of Title IX (which banned discrimination on the basis of sex). The decision was that colleges and universities were generally covered by the law if they enrolled federally assisted students and must, therefore, sign a general compliance statement. However, sanctions could be imposed only upon those parts of the institution that received or benefited from federal funds. Since that time, one house of Congress had acted to overrule the decision, and it seemed likely the other house would concur. Because the decision was statutory and not constitutional, Congress had the capacity to nullify its effect and to restore the broader interpretation of federal anti-discrimination laws.

✓ Athletic Dept - Supreme Court decision on television contract with NCAA for broadcasting football games, p. 9

In late June, the Court invalidated under federal antitrust laws the exclusive television contract negotiated by the National Collegiate Athletic Association for the broadcasting of members' football games. Noting that major NCAA institutions were meeting to devise alternatives which might retain some control over broadcast options, the President added that a district judge in Oklahoma would have to approve any arrangement worked out by the higher education community.

✓ Television Broadcasting - (same as above)

At the end of its term, the Court upheld the constitutionality of the "Solomon Amendment" which required federal financial aid recipients to prove they had registered for the draft. In doing so, the Court disagreed with a Minnesota federal district judge in finding the Solomon Amendment neither a bill of attainder nor a compulsion to incriminate oneself. The majority also upheld the implementing regulations which permitted nonregistrants to register late at the time they first applied for federal student aid. While the constitutional issues had been put to rest, the President indicated, some unanswered questions remained. For one, the "validation" requirement of the proposed rules was still to take effect next July 1 unless revoked by the Department of Education. He expected that the American Council on Education would continue to oppose this requirement that each student's certification be

✓ Solomon Amendment - Supreme Court upholds constitutionality of Solomon Amendment, pp 9-10
✓ Financial Aid - (same as above)

validated by the institution itself and would attempt to ensure that enforcement of the eligibility standard put the least possible burden on universities--a view which was shared by the House Postsecondary Education Subcommittee. Other issues included the questions of whether single-sex women's colleges could certify their students as a group, and whether students whose draft status was once certified must recertify for each subsequent year in which they received financial aid. Adding that ACE and other national groups were monitoring experience under the Solomon Amendment, he said the UW System would survey its financial aid directors this year to identify any additional practical problems they might encounter.

United Council - Council support for faculty/academic staff salary increases, increase in state funds for work study program and recruitment & retention of minority/disadvantaged students, pp 10-11

Report of United Council of UW Student Governments

Reporting as President of United Council, Mr. Scott Dacey stated the Council's support for faculty/academic staff salary increases. He felt, however, that the attitude among many student leaders was that the Governor's Committee recommendations may not have treated all institutions fairly. It was United Council's hope that the Board of Regents would be given a great deal of flexibility in distributing catch-up funds and that such an adjustment would be viewed by state government as a starting point toward salary improvement--not as a one-time solution to the problem. "If this Board can come through with a compensation package that shows relative equality to our faculty and academic staff, and provides for a continuing commitment to their financial status, I with the students of this state will fight for every dollar available."

Turning to other United Council business, Mr. Dacey noted that the Council's 1984-85 budget allocated more than three-quarters of all funding to programmatic priorities which reflected his goals of outreach and accountability to students.

With reference to the issue of student debt, he thought the report presented to the Regent Business and Finance Committee the previous day accurately reflected the great burden placed on students through increasing reliance on loans as a form of financial aid. Concurring with the report's proposal that state matching funds for the work-study program be increased to 30%, he observed that such an improvement not only would provide jobs for more students, but also would cultivate student interest in how the university functioned. Jobs on campus, he remarked, often gave students an incentive to continue their education because such employment enhanced their sense of belonging at the university.

With regard to recruitment and retention of minority/disadvantaged students, he did not think the reports presented to the Board adequately addressed the problem of financial need. The \$200,000 recommended for merit scholarships would not help students of moderate abilities, he noted, adding that adequate financial aid would greatly enhance the effort to increase enrollment of minority and disadvantaged students.

Compensation - United Council support for faculty/academic staff salary increases, p 10

Salary - (same as above)

In response to a question by Regent Weinstein, Mr. Dacey said United Council's 1984-85 budget was about \$7,000 higher than in 1983-84, amounting to an increase of approximately five percent.

Regent Heckrodt inquired about Mr. Dacey's reaction to the possibility of student aid being offered at lower than the minimum wage, so that the amount available could be spread among a larger number of students.

While he appreciated the federal government's interest in aiding more students, Mr. Dacey thought many students would not support wages below the minimum. A better way to extend benefits, he felt, would be to increase the state's contribution to the work-study program.

Affirmative Action - Reaffirmation of commitment to expand educational opportunities for members of minority and disadvantaged groups, R 3109, pp 11-12
Minorities - (Same as above)
Equal Opportunity (Same as above)
REPORT OF THE EDUCATION COMMITTEE
Regent - Policies - Reaffirmation of policy on fiscal control of resources assigned to programs + services for minority
 Chairman Schilling presented the Committee's report, noting that all students, R 3109
 Regents had been invited to participate in action on the first agenda item. pp 11-12

Recruitment and retention of Minority and Educationally Disadvantaged Students

Discussion of this matter, which was held over from the June meeting, centered on the single resolution requested by the Board for adopting a new method to measure progress toward meeting minority student goals and supporting a biennial budget request to cover program recommendations.

President O'Neil described his consultation with Regent Grover, State Superintendent of Public Instruction, which led to the recommendations and budget before the Committee. Emphasizing that interest in improving minority student success was shared with independent colleges, the President endorsed financial aid to enable such students to attend the institutions of their choice. He also called attention to contributions made by chancellors to the program recommendations and to the increased sophistication of the new approach to goal setting, which recognized the interdependence of universities and local school systems in expanding educational opportunities for each ethnic group.

In Committee discussion, Regents expressed satisfaction with the combined recommendation. It was noted by Associate Vice President Gene Arnn that the current budget base contained approximately \$2 million and 118 positions for services to minority/disadvantaged students and \$2.4 million for student aid. The recommended amounts would be added to this base. Stating support for the proposals, Regent Grover said that DPI would work closely with the UW System to carry them out and that he looked forward to taking the report to local communities, in the company of UW System representatives, to discuss implementation of the recommendations.

In response to questions at the Committee meeting as to whether these proposals were really new initiatives rather than new names for the same old efforts, President O'Neil pointed to the success of such initiatives as the Advanced Opportunity Program and the UW-Parkside CHAMP program, which had

served as models for the new proposals. Regent Grover responded to the question of whether new legislation was needed to implement Recommendation III.C. of the report by stressing a new relationship between DPI and the largest school district in the state. A major study was in progress on the Milwaukee School District, and DPI was improving its own organization to work on this issue. Regent Conroy concluded the discussion by emphasizing the need for role models in the upper levels of university administration.

Adoption by the Board of Resolution 3109 was moved by Regent Schilling, seconded by Regents Conroy and Finlayson, and unanimously carried.

Resolution 3109: That the Board of Regents reaffirms its commitment to expand educational opportunities for members of minority and disadvantaged groups by (a) adopting the Summary Restatement of Goals dated July 5, 1984, and by (b) requesting the President of the University of Wisconsin System, in cooperation with the Department of Public Instruction, to prepare a 1985-87 biennial funding request which responds to and is designed to implement the minority and disadvantaged student program recommendations dated July 5, 1984 (EXHIBIT C).

The Board of Regents also reaffirms its policy on fiscal control of resources assigned to programs and services for minority students which states that "allocations received through the special state appropriations for support services for minority students . . . shall not be reallocated to purposes other than support for programs and services for minority/disadvantaged students nor reduced without specific Board approval" (Board of Regents Policy Document 72-9, AP # 7.2 revised, June, 1976), and that "the Regents direct that resources not be diminished, but at a minimum be maintained, and, if possible, expanded to provide support for special programs designed to increase opportunities for minority students and to improve the retention of these students" (Board of Regents Policy Document 80-3, April, 1980); and that the Regents request that System Administration prepare for the Board as part of the Annual Report on Progress and Achievement of Goals for American Racial and Ethnic Minority Students a budget report showing institutional and System resources assigned to minority and disadvantaged student programs.

Excellence in Education Update

Regent Schilling summarized President O'Neil's report to the Committee on the past year's efforts to improve interaction between the university and elementary/secondary schools. Highlights of these activities included the following eight areas:

Admission Standards (same as above)

(1) The recommendations of the Joint Council on Preparation for College had been sent in brochure form to the parents of all eighth graders in Wisconsin. It appeared advisable at this time to reconvene the Joint Council to consult those who had worked with the recommendations and possibly to refine them in such areas as foreign language, computer science and the arts.

College Preparation, Joint Council on (same as above)

(2) Each System institution had reexamined admissions standards, and 10 faculties had advised changes in them. Because this reassessment was undertaken prior to establishment of the new state high school graduation requirements, several chancellors indicated that their faculties would look again at admission standards in light of the new requirements. President O'Neil cautioned that since content of high school courses varied, not all were acceptable toward college admission requirements, and that nontraditional students (such as older adults) should not be denied access to the UW System because of the new high school requirements.

(3) Communication with high schools on how their students fared in college had been expanded.

(4) Additional emphasis had been placed on rewarding student merit through non-state funded financial aids.

(5) The previously distributed inventory of summer courses for teachers showed a dramatic increase in such opportunities.

(6) The voluntary testing program for high school juniors was initiated and would be repeated this year with an improved schedule.

(7) Closer ties had been forged between the universities, local schools, and CESA districts.

(8) There had been increased contact between the educational and business communities, with both President O'Neil and Regent Grover having appeared at many meetings of business or service organizations throughout the past year.

In Committee discussion, Regent Grover observed that while much had been accomplished, more remained to be done. Distributing copies of a chart showing course requirements for high school graduation and college admission, plus the course recommendations of the Joint Council, he urged that college admission standards be better attuned to the new high school requirements and stated that he would offer recommendations on improving teacher education programs.

In comments which followed, Vice President Lyall explained the three-tiered nature of college admission standards, including the Regents'

policy, specific institutional requirements, and requirements for entry into majors. Chancellor Weidner advised that Green Bay school administrators hoped the university would not require four academic units of English and thus penalize gifted students who might wish to take journalism or drama. It was noted by Acting Chancellor Schnack that the course distribution requirement listed for UW-Eau Claire on the DPI chart was only one of five, and Chancellor Penson recalled that the Joint Council addressed competencies rather than required courses. Regent Zirbel praised the work of the advisory group at UW-Parkside for enhancing communication with local schools, Gateway Technical Institute, and the university. Other Regents posed the question of whether there should be more uniformity in admission standards. It was noted by Chairman Schilling that Regent Emeritus Fox had initiated consideration of these issues more than a year previously by calling for better communication on what high school students needed to do in order to succeed in college.

In discussion at the Board meeting, Regent Weinstein referred to the newspaper article he had mentioned earlier, noting that it quoted Vice President Lyall as saying there was a "truth in advertising" problem with respect to interpretation of terminology. He emphasized the importance of addressing that issue.

Library - Annual report of the Council of University of Wisconsin Libraries (CUWL), p. 14

Council of University of Wisconsin Libraries (CUWL) Annual Report

The CUWL report was introduced at the Committee meeting by Vice President Lyall, who commented on the significance of new funds provided in the 1983-85 biennial budget for library acquisitions and automation of services.

Hannelore Rader, Library Director at UW-Parkside and Chair of CUWL, spoke about intercampus cooperation in library automation planning through CUWL and the System Library Automation Task Force--a unique approach in this country. Describing the pivotal role libraries would play in the information age, she expressed the hope that the Board would continue to support library progress in these complex areas. In response to Regent concern that automated systems might be especially vulnerable in the event of a disaster, she explained that back-ups were built into the automated systems and that disaster plans were being discussed by those campuses which did not already have them.

Women, Task Force on the Status of - Informational report on Recommendations 10-15 (Classified Staff), p. 14

Task Force on the Status of Women: Recommendations 10-15 (Classified Staff)

The Committee was advised by Vice President Lyall that this was the next to last informational report on implementation of the Task Force recommendations. In Committee discussion, comments focused on whether the System was shifting its responsibilities on comparable worth issues to the Governor's Task Force on that subject. The meaning of the recommendation on allocation patterns also was discussed.

Equal Opportunity - Informational report of the Regents' Task Force on the Status of Women Recommendations 10-15 (Classified Staff), p. 14

Academic Programs - Five-year review of M.S./Ph.D. in Land Resources, P. 15

Informational Report on the Five-Year Review of the M.S./Ph.D. in Land Resources, UW-Madison

It was noted by Regent Schilling that the five-year review was the last step in the process of establishing a new program. Unique in several respects, the Land Resources Program involved participation of 35 departments. Last year, 63 degrees were granted, and the placement rate of graduates was 97%. The program was described by Professor Duncan Harkin, Program Chair, and Dr. Arthur Sacks, Director of the Institute for Environmental Studies. In response to questions, they indicated that toxic waste issues were included in the program's policy context and that, although similar programs existed around the country, this one was believed to be the largest and broadest in scope.

✓ UW-Extension - Faculty Policy & Procedures - Approval of revisions, UWEX 3.12(1), UWEX 3.12(2) & UWEX 3.21, pp 15-16

Approval of Revisions to UW-Extension Faculty Policies and Procedures, UWEX 3.12(1), UWEX 3.12(2) and UWEX 3.21

✓ Faculty - Approval of UW-Extension Faculty Policies & Procedures, UWEX 3.12(1), UWEX 3.12(2) & UWEX 3.21, pp 15-16

The Committee was advised that the proposed amendments provided specific time periods for action relating to nonrenewal decisions. In response to Regent questions, faculty representative Howard Martin said that the day limits mentioned in the revisions were assumed to be working days.

It was moved by Regent Schilling and seconded by Regent Zirbel that the following resolution be adopted by the Board.

Resolution 3110: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Extension, amendments to Chapters 3.12 and 3.21 of the University of Wisconsin Extension Faculty Policies and Procedures be approved.

In discussion at the Board meeting, Vice President Lyall advised that the Administrative Code defined a "day" as a calendar day, rather than a working day.

It was pointed out by Regent Conroy that this meant time would be running even during a holiday season when there might be no working days in a four or five day period.

She moved that the amendments be referred back to UW-Extension for further attention to this matter, and the motion was seconded by Regent Clusen.

Regent Zirbel felt it was important to consider whether UW-Extension was comfortable with the number of days allowed.

Stating that UW-Extension considered the time frame in the proposed amendments to be adequate, Professor Martin suggested that if there was a problem related to calendar days, it was the Administrative Code definition, rather than the UW-Extension rules, that should be changed.

Regent Conroy inquired as to whether the issue could cause a problem in any cases that went to court.

Responding in the negative, Senior Counsel Stathas indicated it was at the hearing stage that the question could arise. Time periods for the hearing, however, could be extended by mutual consent of the parties.

Speaking against the motion, Regent Zirbel stated that UW-Extension had worked a long time on these amendments and that they should be moved forward. If changes in the Code were needed, she thought they should be considered separately.

The question was put on the motion by Regent Conroy and it failed on a voice vote.

Put to the vote, Resolution 3110 was adopted unanimously.

- ✓ UW-Oshkosh - staff - Dr. David Ward named Acting Vice Chancellor, p. 16
- ✓ x ref Ward, Dr. David - named UW-Oshkosh Acting Vice Chancellor, p. 16

Announcement of Appointments

- ✓ UW-Stevens Point - Dr. Douglas Rattke appointed Acting Vice Chancellor, p. 16
- ✓ x ref Rattke, Dr. Douglas - appointed UW-St. Pt. Acting Vice Chan., p. 16

Announcements were made at the Committee meeting regarding the following appointments: Dr. David Ward was named Acting Vice Chancellor of UW-Oshkosh; Dr. Douglas Rattke was appointed Acting Vice Chancellor of UW-Stevens Point; Dr. Mary Elizabeth Shutler had taken office as Vice Chancellor of UW-Parkside; Dr. Jerry Bower was named Acting Dean of the UW Center-Richland; Dr. Ross McDonald was appointed Dean of Engineering at UW-Platteville; Dr. Edward Blakely was appointed Acting Dean of Business at UW-Madison; Dr. Patricia Lattin was named Acting Associate Executive Dean of the UW Centers; Dr. Vincent Weber was named Acting Dean of Arts and Sciences at UW-La Crosse; Dr. John Schmidt was appointed Dean of General Extension at UW-Extension; and Dr. James Gosling had taken office as Vice Chancellor of UW-Extension.

- ✓ UW-Parkside - Dr. Mary Elizabeth Shutler named Vice Chancellor, p. 16
- ✓ x ref Shutler, Dr. Mary Elizabeth
- ✓ UW Center - Richland - Dr. Jerry Bower named Acting Dean, p. 16
- ✓ x ref Bower, Dr. Jerry
- ✓ UW-Platteville - Dr. Ross McDonald appointed Dean of Engineering, p. 16
- ✓ x ref McDonald, Dr. Ross

Regent Schilling presented Resolutions 3111-3115, which were approved in closed session of the Education Committee.

Named Professorship: Gerald L. Kulcinski

- ✓ UW-La Crosse - staff - Dr. Vincent Weber named Actg. Dean of Arts & Sciences, p. 16
- ✓ x ref Weber, Dr. Vincent

Upon motion by Regent Schilling, seconded by Regent Weinstein, the following resolution was unanimously adopted by the Board.

- ✓ UW-Extension - staff - Dr. John Schmidt appointed Dean of General Extension, p. 16
- ✓ x ref Schmidt, Dr. John

Resolution 3111: 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 Gerald L. Kulcinski be changed from Professor, Department of Nuclear Engineering, College of Engineering, to Grainger Professor of Nuclear Engineering, Department of Nuclear Engineering, College of Engineering, UW-Madison, effective immediately.

- Business school - Dr. Edward Blakely appointed Acting Dean, p. 16
- ✓ x ref - Blakely, Dr. Edward

- ✓ Professorships - Grainger Professor of Nuclear Engineering - Gerald L. Kulcinski
- status changes, p. 16
- ✓ x ref - Kulcinski, Gerald L. - status changed to Grainger Professor of Nuclear Engineering, p. 16

Biotechnology Center - Authorization to recruit Director, P.17 - 17

Authorization to Recruit Director for UW-Madison Biotechnology Center

Adoption of Resolution 3112 was moved by Regent Schilling, seconded by Regent Finlayson, and carried unanimously:

Resolution 3112: 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 Director of the Biotechnology Center.

Space Science and Engineering Center - Authorization to recruit Associate Director, P.17

Authorization to Recruit Associate Director, UW-Madison Space Science and Engineering Center

It was moved by Regent Schilling, seconded by Regent Zirbel and voted unanimously that the following resolution be adopted.

Resolution 3113: 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 Associate Director of the Space Science and Engineering Center.

UW Centers - Staff - Change of title from UW Centers Associate Executive Dean to Dean of Academic Affairs; Authorization to recruit Dean of Academic Affairs, R3114, P.17

Change of Title from UW Centers Associate Executive Dean to Dean of Academic Affairs, and Authorization to Recruit Dean of Academic Affairs

Regent Schilling moved adoption of Resolution 3114. The motion was seconded by Regent Zirbel and passed unanimously.

Resolution 3114: That, upon the recommendation of the President of the University of Wisconsin System and the Executive Dean of the University of Wisconsin Centers, the title of Associate Executive Dean be changed to Dean of Academic Affairs and that the Executive Dean be authorized to recruit for a Dean of Academic Affairs.

UW Centers - Richland - Authorization to recruit Dean, R3115, pp 17-18

Authorization to Recruit Dean of UW Center-Richland

The following resolution was unanimously adopted, upon motion by Regent Schilling, and seconded by Regent Weinstein:

Resolution 3115: That, upon the recommendation of the President of the University of Wisconsin System and the Executive Dean of the University of Wisconsin Centers, the Executive Dean be authorized to recruit for a Dean of the Richland Center.

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Chairman Weinstein reported for the Committee, noting that all Regents had been invited to participate in consideration of the first three agenda items.

Budget - Approval of 1984-85 operating budget, R 3116, p. 18
Approval of 1984-85 Operating Budget

Introducing discussion of the 1984-85 operating budget, President O'Neil stated that after a decade of decline in support per student for instruction, libraries, equipment and supplies, a significant reversal was now under way. Especially notable was the 7.4 percent increase in expenditure for libraries and related activities, library support being a major priority in the 1983-85 biennial budget. The President also commented on student enrollments, which had not declined as expected in 1983-84, but instead had increased significantly. Describing the impact of this increase on 1984 projections, he emphasized the need to plan carefully for the enrollment decline that would begin sometime within the next two or three years.

Adoption by the Board of Resolution 3116 was moved by Regent Weinstein, seconded by Regent Veneman and voted unanimously:

Resolution 3116: That, upon recommendation of the President of the System, the University of Wisconsin System operating budget for the fiscal year July 1, 1984, through June 30, 1985, be approved in these estimated amounts:

State Appropriations	\$ 568,318,694
Other Funds	\$ 793,783,241
Total	\$1,362,101,935

Minnesota, State of
Reciprocity agreement
on academic fees for 1984-85 school year and 1985 summer session, R 3117, pp 18-19
That System Administration is authorized to make final accounting changes including reflecting the distribution of classified salary adjustments.

Approval of 1984-85 Academic Fees under Minnesota Reciprocity

Regent Weinstein reported on Committee consideration of 1984-85 academic fees under Minnesota reciprocity. The history of the reciprocity agreement was summarized by President O'Neil, who pointed out that under current policy revenue from the fee differential was not retained by the University System, but instead was deposited into the State Treasury. In response to a question by Regent Clusen about student flow under the agreement, he said approximately

Fees, Academic - Reciprocity agreement with State of Minnesota
on fees for 1984-85 school year and 1985 summer session,
R 3117, pp 18-19

8,000 Minnesota residents come to Wisconsin and about 3,300 Wisconsin residents went to Minnesota.

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

Resolution 3117: That, upon recommendation of the President of the System, the fee schedule for certified Minnesota residents for the 1984-85 academic year and the 1985 summer session, as shown in Tables 1 and 2 of the Annual Budget Policy Paper #84-85/1-a, be approved.

President Lawton pointed out that the agreement was part of a package which also included income tax reciprocity.

Budget - Status report given on 1985-87 biennial budget, p. 19
x ref Compensation
Status Report on 1985-87 Biennial Budget

Reporting at the Committee meeting on planning for the 1985-87 biennial budget, President O'Neil emphasized that compensation for faculty and academic staff must be the highest priority in the UW System's request. While there were some reasons for optimism, he indicated that the goal of a competitive salary structure was further away now than a year ago because some competitor institutions had fared better during the current biennium in salary terms than had been expected, California being a prime example. Because of the importance of this priority, the Biennial Working Group for Faculty and Academic Staff Compensation had been appointed six months earlier than in previous years. The current status of the planning process was outlined by Associate Vice President Gene Arnn, who also noted areas in which the chancellors had contributed assistance to biennial budget development.

In the discussion which followed, it was asked if the salary catch-up request would be a lump-sum total or if it would include a proposed distribution. President O'Neil responded that while he assumed the Regents would want maximum flexibility, the Board's proposals must anticipate legislative questions on allocation principles and details of justification. In reply to an inquiry as to when the Board would consider distribution of salary catch-up, President O'Neil indicated that all recommendations on compensation and operating budget requests would be presented together in the fall. To assist in Regent review of those salary proposals, System Administration was asked to provide additional information on the percentage differences in salaries among various types of institutions in other states compared with those in Wisconsin.

Financial Aid - Board's commitment to providing access to education through financial aid to Wisconsin students, R 3118, pp 19-21

Report on Cumulative Student Debt Levels-Financial Aids

Summarizing Committee review of this report, which was presented by Assistant Vice President Albert Beaver, Regent Weinstein noted that it was a sequel to the June report on recent trends in student financial aids. Dr. Beaver indicated that student loan programs had become an increasingly important source of need-based financial aid for UW students and that the

Access - (same as above)

shift to more loans in place of work or grant aid raised questions as to whether cumulative debt loads might be quite burdensome to some students. 1982-83 data showed the average total debt from all sources was about \$6,000 for UW resident seniors. In addition, about 25% of the graduates who took out loans had debt in excess of \$8,000, and some 500 were more than \$10,000 in debt.

The burden of such debt levels was demonstrated by comparing the estimated monthly payments for average debt loads with the amount of discretionary income at various salary levels available to meet those payments. Except in the case of jobs with low entry-level salaries, it appeared on the average that most graduates would not encounter significant difficulty in repaying their student loans. However, the report suggested that the problem would be greater for those with high debt loads.

Outlining alternatives aimed at mitigating these concerns, Dr. Beaver cited the options of loan management, grant improvement and work opportunity improvement.

The Committee then discussed the resolution presented in conjunction with this report, the first paragraph of which originally read as follows:

That the Board of Regents of the University of Wisconsin System affirms the State goal of ensuring all Wisconsin residents access to higher education regardless of financial need by providing student financial aid to all qualified persons, and that aid should consist of a reasonable mix of grant, work, loan, and loan management programs to supplement federal financial aid sources;

Regent Weinstein reported the Committee's conclusion that this wording stated an unattainable goal, and on that basis the paragraph was modified as set forth in Resolution 3118 in order to state more realistically the purpose of the action. The Committee's revision, therefore, was directed toward the language of the resolution and not toward its intent.

Resolution 3118 was moved by Regent Weinstein, seconded by Regent Hanson, and adopted unanimously by the Board.

Resolution 3118: That the Board of Regents of the University of Wisconsin System supports the goal of offering all Wisconsin residents access to higher education by providing student financial aid to qualified persons, and that aid should consist of a reasonable mix of grant, work, loan, and loan management programs to supplement federal financial aid sources; and further

that the Board of Regents requests the Wisconsin Higher Educational Aids Board to: (a) review and consider submitting a biennial budget request that would allow the Wisconsin Higher Education Grant Program to phase-in over the next few biennia an increase in funding that would return the appropriation to the 1978-79 level, adjusted for inflation and enrollment changes; and (b) consider adding flexibility to the WHEG award formulae that would allow financial aid officers more discretion in determining the amount of the WHEG award to qualified students; and further

that the Board of Regents urges the UW System Administration to continue to examine alternatives to improve and expand student work-study opportunities and loan management services for further consideration during the biennial budget review.

Regent Weinstein stated that he had asked staff to provide for the next Committee meeting historical information on loan statistics and the time periods involved in repayment.

✓ HEAB - Regent Conroy appointed to
It was announced by President Lawton that Regent Conroy had been appointed to the Higher Educational Aids Board by Governor Earl p. 21

Approval of Gifts, Grants and Contracts

In reviewing the monthly list of gifts, grants and U.S. government contracts, the Committee was advised by Associate Vice President Kent Hill that the \$17,547,000 of federal awards for the past month was approximately the same as last June's total but that substantial variance existed when individual program activities were compared. He explained that most changes were not the result of shifts in program emphasis; rather, they resulted primarily from changes in award dates. The monthly list included a \$275,000 award for WHA-TV from the Corporation for Public Broadcasting/Annenberg Project, the station being one of only four organizations in the country to receive such a grant. There also was a \$98,000 award to UW-Green Bay from the Technology Development Fund, which had been established to support joint research/development efforts between Wisconsin businesses and universities.

With respect to recent comparative rankings of nationwide research efforts, Dr. Robert Bock, Dean of the UW-Madison Graduate School, advised the Committee that UW-Madison had been very successful, even though it had lost a considerable number of faculty who were major winners of outside grants. In terms of grant money from all sources (federal and private), he said that UW-Madison currently ranked third in the nation, but that the University's position would surely erode unless salary levels were brought into line with competing institutions.

This point was underscored at the Board meeting by Chairman Weinstein, who stated that "while we take great pride that the University ranks third in the nation as the recipient of grant monies from all sources, there is no free lunch. And if we cannot address effectively the salary level as it relates to competing institutions, we will surely be losing them."

In response to a question by Regent Gerrard, it was indicated that MIT and Cal. Tech. ranked first and second in receipt of grant funds, primarily because they were recipients of large defense contracts.

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

Resolution 3119: 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.

✓ UW-River Falls - Revised 1984-85 board rates approved, R3120, p. 22

Approval of Revised 1984-85 UW-River Falls Board Rates and UW-Superior Room Rates

✓ UW-Superior - Revised 1984-85 room rates approved, R3120, p. 22

Regent Weinstein reported that approval of this request would allow UW-Superior to reduce dormitory room rates and UW-River Falls to reduce board rates.

In discussion at the Board meeting, Regent Gerrard inquired about past action to reduce rates, and the response was that such a reduction had occurred most recently at UW-Whitewater.

Regent Weinstein explained that reduced room rates at UW-Superior were possible because telephone service was being made optional and that the reduction in board rates at UW-River Falls reflected acceptance of a food service contract bid which was lower than anticipated.

It was moved by Regent Weinstein, seconded by Regent Gerrard and unanimously carried that Resolution 3120 be adopted:

Resolution 3120: That, upon recommendation of the Chancellors of UW-River Falls and UW-Superior and the President of the University of Wisconsin System, the 1984-85 board rates for UW-River Falls be set at \$1,020 for a 19-meal plan and \$915 for a 14-meal plan, with the addition of a 10-meal plan for \$840; and for UW-Superior the 1984-85 room rates be set at \$975 for a double room and \$1,575 for a single room.

Reserve Balance

The Committee was advised by Mr. Hill that the projected carry-forward reserve balance had been reduced by about \$60,000 from last month, but still remained at slightly over \$1,600,000. Final year-end figures were to be available at the September meeting.

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REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Chairman Heckrodt presented the Committee's report.

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

The Committee considered approval of two concept and budget reports for UW-Madison, the first being a budget increase of \$1,266,000 for the Computer Science Addition-Unit III project, for a revised cost of \$11,766,000. \$1,206,000 of the requested increase was to correct deficiencies in the existing building related to maintenance, energy conservation and asbestos. The project had been previously approved and was proceeding toward the time for letting of bids.

The second concept and budget report was for Phase I of a Clinical Science Center energy conservation modifications project at a cost of \$3,395,000. The Phase I work would involve architectural, air-handling, heating/cooling distribution, and cooling plant modifications estimated to result in annual savings of 119 million BTUs with a discounted pay-back period of 7.1 years. It was pointed out that, although the building was completed only about five years previously, the process for constructing it had begun in 1972-73, when energy conservation was not as high a priority as it had since become and before current technological advances in energy savings were available.

In Committee action, Regent Nikolay voted against the Computer Science addition project.

Adoption by the Board of the following resolution was moved by Regent Heckrodt and seconded by Regent O'Harrow.

That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the concept and budget reports for the following projects be approved and authority granted to plan, bid and construct, at the costs and from the funding sources indicated:

Computer Sciences Addition--Unit III project, with a budget increase of \$1,266,000, for a revised total project cost of \$11,766,000 from GPR-General Fund Supported Borrowing, Minimum Maintenance/Health and Safety, Energy Conservation and Handicapped Accessibility allocations.

Clinical Sciences Center Energy Conservation Modifications project--Phase I, \$3,395,000 (\$1,558,000 of GPR-Supported Borrowing - Energy Conservation Allocation; \$1,837,000 of Non-GPR Program Revenues).

In discussion at the Board meeting, Regent Nikolay stated that he was in favor of the energy conservation project, and while he was not philosophically opposed to the Computer Science addition, he thought the message should be sent that expensive new facilities would not be constructed until more money was provided for faculty salary increases. "We can have the finest buildings in the world. If we don't have any teachers in them, we might as well lock the doors."

While he agreed with Regent Nikolay on a philosophical level, Regent Weinstein questioned whether the Board could exercise any control in the matter since funds could not be shifted from the capital to the operating budget. He wondered, therefore, if such a message might not be interpreted to mean that the University needed less money in total.

It was pointed out by Regent Heckrodt that the funds involved were specifically designated for bonding and would revert to the state if not used for that purpose. He thought the reason for Regent Nikolay's vote was clear and that the Committee sympathized with his viewpoint, although there was nothing that could be done by the Regents to change the situation.

In response to a question by Regent Conroy, President Lawton indicated that requests for future building projects would be included in the 1985-87 capital budget and that the Legislature would decide whether to approve or deny them.

Regent Weinstein added that bonds could not be issued to pay salaries.

It was requested by President Lawton that, in the future, unrelated major projects be presented in separate resolutions, so that any Regents who wished to do so could vote against one project without also voting against others which they might support.

Upon motion by Regent Nikolay, seconded by Regent Hanson and carried unanimously, the question was divided into two parts.

Regent Heckrodt then moved and Regent O'Harrow seconded resolution 3121.

Statistics Center

Computer Sciences - Approval of concept & budget report for addition - III (budget increase), R 3121

Resolution 3121: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the concept and budget report for the following project be approved and authority granted to plan, bid and construct, at the cost and from the funding source indicated:

pp 23-26

Computer Sciences Addition--Unit III project, with a budget increase of \$1,266,000, for a revised total project cost of \$11,766,000 from GPR-General Fund Supported Borrowing, Minimum Maintenance/Health and Safety, Energy Conservation and Handicapped Accessibility allocations.

Capital Budget discussion on need for restraint & relationship to operating budget pp 24-26

When the time came to consider 1985-87 budget requests, Regent Clusen asked if the Board might state a preference for increased faculty compensation over capital expenditure should the Legislature be concerned about the overall spending level.

President O'Neil felt it would be difficult to do so for two reasons, one being that the capital and operating budgets followed different routes through the state budget process. Another reason was that debt service incurred in one biennium typically did not begin to show up as a cost to the state until the next biennium. At the same time, he recalled that Regent Emeritus Beckwith's statement at the April meeting suggested that the UW System should be especially realistic in the coming biennium with respect to new capital projects, identifying those that were critically needed and most urgent. It seemed to President O'Neil that this sense of ordering priorities had general concurrence at the time and was about all that could be done in relating the capital budget to the operating budget.

It was noted by Regent Clusen that what the public at large saw was simply state money for the University System, with no distinction as to its specific source. She felt, though, that the concern expressed by Regent Nikolay should be addressed in general terms rather than from the standpoint of a particular building project.

Regent Weinstein noted that debt service came from the same funding source as faculty salaries and therefore had an effect in the long run.

President O'Neil added that debt service was paid from earmarked funds, which were part of the general state appropriation.

It was indicated by Vice President Winter that for the past two years the state had limited new bonding obligations to \$300 million a year. Even if the University reduced its request, he felt the state would continue to go to the \$300 million limit to meet other important needs, and therefore total expenditures would remain at the same level.

Regent Veneman observed that University buildings should be constructed only when there was real need for them, regardless of what else state government might do with the money.

While he agreed with Regent Nikolay's concern about salaries, Chancellor Shain emphasized that suitable facilities also were very important in retaining faculty.

Chancellor Horton concurred, adding that the proportion of bonding recieved by the UW System had been decreasing and that other state agencies could be expected to press hard for their own building projects. Although he felt that faculty salaries must be a first priority, he said the state could not afford to lose sight of the importance to students and faculty alike of adequate physical facilities.

Regent Weinstein asked if there was a way in which the budget could be structured so that debt service did not end up being subsidized by faculty. He did not know, however, if there was any means of getting that message to the Legislature without stopping the building program.

Noting that there also were political and geographical aspects to capital projects, Regent Heckrodt felt such a message would indeed be difficult to convey.

Put to the vote, Resolution 3121 was adopted, with Regents Hanson and Nikolay voting "No."

Resolution 3122 then was adopted unanimously, upon motion be Regent Heckrodt, seconded by Regent O'Harrow;

Hospital - Approval of concept & budget report for Clinical Sciences

Resolution 3122: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the concept and budget report for the following project be approved and authority granted to plan, bid and construct, at the costs and from the funding sources indicated:
Clinical Sciences Center Energy Conservation Modifications project--Phase I, \$3,395,000 (\$1,558,000 of GPR-Supported Borrowing - Energy Conservation Allocation; \$1,837,000 of Non-GPR Program Revenues).

Center energy conservation modifications project - Phase I, R 3122, pp 23-26

Energy Conservation - (same as above)

UW-Madison: Approval of Lease of Space

Continuing his report, Regent Heckrodt stated that the Physical Planning and Development Committee approved a request for University Hospital and Clinics to lease 2,200 square feet of clinic space in Middleton for outpatient primary care.

It was moved by Regent Heckrodt and seconded by Regent Finlayson that the following resolution be adopted by the Board:

Resolution 3123: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to lease the following space:

Board of Regents meeting 7/13/84

Hospital - Lease of 2,200 square feet of clinic space²⁷ for outpatient care at 6602 University Avenue, Middleton, Wisconsin
2,200 square feet of clinic space located at R. 3123, pp26-27

6602 University Avenue
Middleton, Wisconsin

Solar Partners, Lessor
6602 University Avenue
Middleton, Wisconsin 53562

The lease covers a two-year period from September 1, 1984 through August 31, 1986 at an annual rate of \$23,320 (\$10.60 per square foot). Lessor is responsible for the cost of electricity, heat, water, sewer, janitor service, air conditioning, care of grounds, and snow and trash removal.

6602 University Avenue Middleton - Lease of 2,200 square feet of clinic space for Hospital & Clinic's outpatient care, R 3123, pp26-27

In response to a question by Regent Lawton, Vice Chancellor Kindig said it would be a small facility with about seven examining rooms.

Put to the vote, Resolution 3123 was unanimously adopted.

UW-Stevens Point and UW-Whitewater: Approval of Minor Projects

Regent Heckrodt moved and Regent O'Harrow seconded adoption of the following resolution:

Resolution 3124: That, upon the recommendation of the UW-Stevens Point and Whitewater Chancellors and the President of the University of Wisconsin System, the following minor projects be approved and authority granted to plan, bid and construct, at the costs and from the funding sources indicated:

UW-Stevens Point - Bldgs + Land - Approval

New Lighting/New Wood Floor, Quandt Gym, ~~\$186,300~~ CPR State Building Trust Funds R 3124, pp 27-28

UW-Whitewater - Bldgs + Land - Approval

Steam Distribution System Repair Project, \$55,000 CPR-Supported Borrowing Min. Maint./Health and Safety Allocation

Restroom-Shelter Building/Picnic Area Shelter Development, ~~\$93,500 (\$46,750 Non-GPR Federal Land and Water Conservation Act (LAWCON) funds and \$46,750 Non-GPR Program Revenues)~~

R 3124, pp 27-28

While this resolution also incorporated unrelated projects, Regent Heckrodt noted that it might be impractical to have a separate action for each minor project. It was indicated by Regent Lawton that his concern was primarily related to major projects.

Regent Heckrodt summarized the requests included in Resolution 3124, the first of which was for new lighting and a new wood floor for the Quandt Gym at UW-Stevens Point, to be paid through GPR-state building trust funds.

At UW-Whitewater, there was a project of \$55,000 (from GPR-supported borrowing-minimum maintenance/health and safety allocation) to repair deterioration from the outside on pipes that had been replaced only five-six years previously. Regent Heckrodt expressed the hope that a process could be found which would eliminate the need for such maintenance.

A second project at UW-Whitewater, he continued, was a restroom-shelter building/picnic area development for \$93,500 (\$46,750 from non-GPR Federal Land and Water Conservation Act funds, and \$46,750 from non-GPR program revenues). This area was adjacent to a field which was heavily used by students, both for academic and intramural activities.

Regent Hanson asked if athletic facilities eventually could become self-supporting.

In response, Vice President Winter explained that through budget decisions the policy had been to fund facilities of this type in the University Cluster from a combination of fees and general purpose revenues. Debt service was also supported by 73 percent in GPR and 27 percent in fees.

Regent Lawton inquired about the policy at UW-Madison, to which Mr. Winter replied that athletic facilities on that campus were supported by GPR, as well as program revenue, depending on their specific use.

It was pointed out by Regent Heckrodt that UW-Madison was able to generate much of its funding through user fees, while that was not possible on other campuses. He added that part of the utilization of these facilities was for academic purposes, since they were needed for physical education programs.

The question was put on Resolution 3124, and it was unanimously adopted.

✓ Athletic Facilities - System - Discussion for ^{GP} ~~Support~~ Funding P-28.

Report of the Vice President

In his report to the Committee, Vice President Winter indicated that the State Building Commission meeting on July 11 resulted in favorable action on UW System requests, including approval of plans to proceed with the University Research Park project at UW-Madison.

The Committee was also given a status report on 1985-87 biennial capital budget development. Regent action on recommended capital budget planning principles for the biennium was scheduled for September, and the proposed biennial capital budget request would be presented for action in December.

In a preliminary report on the UW System's current and projected debt service costs, the Committee was advised that total state tax-supported debt service had increased sharply in recent years, primarily due to substantial increases in bonding authority for pollution abatement programs and for construction of additional correctional facilities. The UW System was provided \$43 million of bonding authority in the 1983-85 biennium, compared to an increase of \$312.5 million for pollution abatement and of \$117 million for correctional buildings. Thus, the UW System's share was less than 10% of the total.

~~Commendation of Regent O'Harrow~~, Regent Russell - Appreciation from Physical Planning & Development Committee

Regent Heckrodt reported that Committee members expressed appreciation to their outgoing chairman, Regent Russell O'Harrow, for the tireless devotion, dedicated service and outstanding leadership he provided during his two years as head of the Committee. *members for 2 years as chairman, p. 29*

✓ x ref - (Regent) Physical Planning & Development Committee - Appreciation from Committee to Regent Russell O'Harrow for 2 years as chairman, p. 29

MISCELLANEOUS RESOLUTIONS

Authorization for Chancellor to Serve on Bank Board

Regent Heckrodt presented the following resolution and moved its adoption. The motion was seconded by Regent Knowles.

Resolution 3125: That, as required by s. UWS 8.03(1)(g), Wisconsin Administrative Code, the Secretary be authorized to transmit the written approval of the Board of Regents for Edward M. Penson to serve as a member of the Board of Directors of the Valley Bank of Oshkosh, and that only System Administration and the Board of Regents make any recommendation or decision designating banks to serve as depositories for any UW-Oshkosh administered funds.

✓ Oshkosh - staff - Authorization by Chancellor Penson to serve on Board of the Valley Bank of Oshkosh, R 3125 pp 29-30

Regent Weinstein asked whether the administration would recommend changing the depository if the resolution passed.

Responding in the negative, President O'Neil explained, however, that if the question of designating a depository should arise in the future, the issue would be handled by the System Vice President for Business and Finance, rather than by the UW-Oshkosh Chancellor.

While recognizing the honor given to Chancellor Penson, Regent Hanson stated that she would vote against the resolution because of her view that any such invitation meant that something in return was expected from the University.

Put to the vote, Resolution 3125 was adopted, with Regents Hanson and Nikolay voting "No."

Cancellation of Board Meeting Scheduled for August 10, 1984

Regent Nikolay moved and Regent Veneman seconded the following resolution, which was adopted unanimously:

Resolution 3126: That the Board of Regents meeting scheduled for August 10, 1984, be cancelled.

✓ Regent - Meetings - Cancellation of 8/10/84 scheduled meeting
R 3126, p. 30

At 11:10 a.m., the following resolution, moved by Regent Nikolay and seconded by Regent Zirbel, was unanimously adopted on a roll call vote, with Regents Clusen, Conroy, Finlayson, Hanson, Heckrodt, Lawton, Nikolay, O'Harrow, Weinstein and Zirbel voting "Aye" (10), and no Regents voting "No."

Resolution 3127: That the Board of Regents recess into closed session to consider personnel matters, as permitted by s. 19.85(1)(c), Wis. Stats., to consider personal histories, as permitted by s. 19.85(1)(f), Wis. Stats., and to confer with legal counsel, as permitted by s. 19.85(1)(g), Wis. Stats.

CLOSED SESSION ACTIONS

The Board arose from closed session at 11:45 a.m., and adoption of the following resolutions was announced:

✓ Appointments to UW-Green Bay-Board of Visitors

Resolution 3128: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the UW-Green Bay, the following appointments to the UW-Green Bay Board of Visitors be approved:

Ms. Bonnie Hughes ^{ed} appointment to a term ending in June 1987;

Mr. Steven Van Dyke ^{ed} appointment to a term ending in June 1985;

Mr. George D. French ~~reappointment~~^{ed} to a term ending in June 1987;

Ms. Beverly French ~~reappointment~~^{ed} to a term ending in June 1987;

Ms. Diane Liebmann ~~reappointment~~^{ed} to a term ending in June 1987; and

Ms. Doris Madigan ~~reappointment~~^{ed} to a term ending in June 1987, R 3128, pp 30-31

✓ X ref each individual name above

Appointments to UW-Milwaukee-Board of Visitors

Resolution 3129:

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

Mr. Conrad C. Kaminski, appointment^{ed} to a term ending in May 1987;

Mr. Carl A. Gee, reappointment^{ed} to a term ending in May 1987;

Mr. Ray L. Richardson, reappointment^{ed} to a term ending in May 1987;

Mr. Mark F. Vetter, reappointment^{ed} to a term ending in May 1987; and

Mr. Ronald R. Witkowiak, reappointment^{ed} to a term ending in May 1987, R 3129, p 31

✓ X ref - each individual name above

Naming of Outdoor Track, UW-Madison

Resolution 3130: That, upon the recommendation of the President of the University of Wisconsin System and the UW-Madison Chancellor, the outdoor track at UW-Madison be named the Dan McClimon Memorial Track.

✓ Buildings - UW-Madison - Outdoor track named the Dan McClimon Memorial Track, R 3130, p. 31

✓ McClimon, Dan - (same as above)

Appointment of Acting Executive Vice President, UW System

Resolution 3131: That, upon the recommendation of the President of the University of Wisconsin System, Dr. Katharine C. Lyall be appointed Acting Executive Vice President of the UW System, effective immediately, at an annual salary rate of \$75,000.

The meeting was adjourned at 11:45 a.m.

Vice President - University - Dr. Katharine C. Lyall appointed Acting Executive Vice President, effective immediately, at annual salary of \$75,000, R 3131, p. 32

Judith A. Temby
Judith A. Temby
Secretary

July 27, 1984

Lyall, Katharine C. - Appointed Acting Executive Vice President, effective immediately, at annual salary of \$75,000, R 3131, p. 32

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

1. PARKER HANNIFIN CORPORATION
CLEVELAND, OHIO
TWO HYDRAULIC ACCUMULATORS
GIFT IN KIND
MSN ENGR MECHANICAL ENGR
2. DR. JOHN CARSON
BRODHEAD, WI
HORSE
GIFT IN KIND
MSN VET M
3. CARL J. RASMUSSEN
MADISON, WI
VOLS. III AND IV OF SPENSER STUDIES (RENAISSANCE
CRITICISM)
GIFT IN KIND
MSN LIBR GENERAL LIBRARY
4. J. THOMAS SHAW
MADISON, WI
PUSHKIN SCHOLARLY COLLECTION --APPROXIMATELY
3000 TITLES
GIFT IN KIND
MSN L&S SLAVIC LANGUAGES
5. POTATOGATION, INC
PLOVER, WI
2-ROW POTATO CULTIVATOR/HILLER FOR SPOONER
EXPERIMENTAL STATION
GIFT IN KIND
MSN AG&LSC EXP STA-SPOONER
6. POTATOGATION, INC.
PLOVER, WI
2-ROW POTATO CULTIVATOR/HILLER FOR HANCOCK
EXPERIMENTAL STATION
GIFT IN KIND
MSN AG&LSC EXP STA-HANCOCK

INSTRUCTION

1. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
MENTAL HEALTH CLINICAL SERVICES RESEARCH
POSTDOCTORAL TRAINING
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 5 T32 MH17139-02
MSN HS-MED PSYCHIATRY (144-U570) 117,330.00
2. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN
HYATTSVILLE, MD
IN SUPPORT OF THE FOLLOWING:

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

- 1) TRAINEESHIPS, GRADUATE HEALTH
ADMINISTRATION PROGRAMS
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 1 A19 AH00169-01
MSN HS-MED PREVENTIVE MED (144-U473) 10,830.00
- 2) PREDOCTORAL TRAINING IN FAMILY MEDICINE
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 5 D15 PE85035-02
MSN HS-MED FAM MED & PRACT (144-U475) 108,000.00
- 3) NURSE PRACTITIONER TRAINING IN THE GRADUATE
PROGRAM
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 5 D24 NU00078-08
MSN HS-NUR (144-U481) 251,114.00
- 4) PROFESSIONAL NURSE TRAINEESHIP PROGRAM
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 2 A11 NU00275-09
MSN HS-NUR (144-U590) 89,708.00
3. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
 - 1) PREDOCTORAL TRAINING IN EXPERIMENTAL ONCOLOGY
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 5 T32 CA09135-10
MSN HS-MED ONCOLOGY (144-U469) 378,006.00
 - 2) POSTDOCTORAL AND GRADUATE TRAINING IN NUTRITION
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 5 T32 DE07031-10
MSN AG&LSC BIOCHEMISTRY (144-U472) 39,836.00
 - 3) POSTDOCTORAL TRAINING PROGRAM IN GENETICS
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 5 T32 GMO7131-09
MSN HS-MED GENETICS (144-U482) 98,796.00
 - 4) PREDOCTORAL TRAINING PROGRAM IN GENETICS
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 5 T32 GMO7133-10
MSN AG&LSC GENETICS (144-U540) 276,930.00
 - 5) TRAINING IN BIOCHEMISTRY OF REPRODUCTION
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 5 T32 HDO7259-02
MSN AG&LSC BIOCHEMISTRY (144-U554) 65,666.00
4. NATIONAL AERONAUTICS & SPACE ADMIN.
WASHINGTON, DC
GRADUATE STUDENT RESEARCHERS PROGRAM ENTITLED
GEOBOTANICAL REMOTE SENSING IN THE CARIBBEAN
FOR THE PERIOD 09-01-82 THROUGH 08-31-85
AT A TOTAL COST OF \$43,000.00
AWARD # 50-002-800, MOD. 2
MSN ENV ST ENV REMOT SENS'G (144-S506) 15,000.00

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

- | | | |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 5. | AMERICAN ECONOMIC ASSOCIATION
NASHVILLE, TN
COMMITTEE ON THE STATUS OF MINORITIES IN THE
ECONOMICS PROFESSION - SUMMER PROGRAM
MSN L&S ECONOMICS (133-F965) | 45,285.00 |
| 6. | DANE COUNTY LAND CONSERVATION COMMITTEE
MADISON, WI
1984 SUMMER WATER RESOURCES MANAGEMENT WORKSHOP
MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-H058) | 3,000.00 |
| 7. | WISC DEPT OF NATURAL RESOURCES
MADISON, WI
COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD
06-17-84 THRU 09-29-84
AWARD # 84-1 KAWAMOTO
MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-H218) | 2,200.00 |
| 8. | MULTIPLE DONORS
SUPPORT AGRICULTURAL ECONOMICS GRADUATE TRAINING
PROGRAM
MSN AG&LSC AG ECONOMICS (133-3859) | 314.50 |

LIBRARIES

- | | | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 1. | COUNCIL OF WISCONSIN LIBRARIANS, INC.
MADISON, WI
WISCONSIN LIBRARY CONSORTIUM FOR THE PERIOD
07-01-84 THRU 06-30-85
MSN LIBR WIS INTRLIB SVCS (133-B180) | 74,603.00 |
| 2. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
SUMNER MEMORIAL LIBRARY FUND
MSN AG&LSC AG JOURNALISM (133-D145) | 600.00 |
| 3. | MULTIPLE DONORS
PURCHASE OF LIBRARY MATERIALS AND SUPPLIES
MSN LIBR GENERAL LIBRARY (133-F543) | 100.00 |
| 4. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
UNRESTRICTED FUND FOR ENGINEERING PUBLICATIONS
MSN ENGR LIBRARY PUBLICATNS (133-H271) | 57.60 |
| 5. | WISCONSIN INTERLIBRARY SERVICES (WILS)
FOR THE PERIOD 07-01-84 THRU 06-30-85
MSN LIBR WIS INTRLIB SVCS (133-8791) | |

109,300.00	WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI
234,138.00	COUNCIL OF WISCONSIN LIBRARIANS, INC. MADISON, WI

343,438.00

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

1. MILWAUKEE AUCTION GALLERIES, LTD.
EDWARD FARBER ESTATE
FARBER, EDWARD--ACQUISITION OF ART WORKS
MSN L&S ELVJM MUSEUM ART (TRUST) 643.85
2. CITIBANK, NA
NEW YORK, NY
WEEKS, LEWIS G. TRUST
WEEKS, LEWIS G. #2--GEOLOGY AND GEOPHYSICS
MSN L&S GEOL & GEOPHYSICS (TRUST) 60,000.00
3. RYAN, GEORGE P. & CLARA C. TRUST
PASADENA, CA
PRINCIPAL AND INCOME AVAILABLE FOR USE AS
DIRECTED BY THE DEAN OF THE COLLEGE OF ENGR.
RYAN, GEORGE P. AND CLARA C. FUND IN
ENGINEERING
MSN ENGR ADMINISTRATION (TRUST) 51,050.12
4. AGRICULTURE, DEPT. OF
WASHINGTON, DC
KEYS TO AGRICULTURAL DEVELOPMENT SEMINAR-1984
FOR THE PERIOD 05-01-84 THROUGH 06-30-84
AWARD # 58-319R-4-434
MSN AG&LSC INTL AG PRGS-ADM (144-U232) 10,829.00
5. UNIVERSITY OF MINNESOTA
ST PAUL, MN
PRIME CONTRACTOR WITH NSF
SUPPORT FOR GRADUATE STUDENT AT WISCONSIN
FOR THE PERIOD 06-01-84 THROUGH 06-30-85
AWARD # P.O. A03883
MSN GRAD SYNCHR RAD CTR (144-U514) 15,863.00
6. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
DEFRAY OPERATING COSTS FOR MCKAY CENTER PUBLIC
SERVICES
MSN ARBOR ARBORETUM (133-A056) 5,372.00
7. MULTIPLE DONORS
DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND
SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR
ALGEBRA AND ITS APPLICATIONS JOURNAL"
MSN L&S MATHEMATICS (133-A751) 325.00
8. STUDENT ORGANIZATIONS ACCDUNT
MADISON, WI
DEAN OF STUDENTS DISCRETIONARY FUND
MSN G E A DEAN OF STUDENTS ADMIN (133-A912) 4,681.09
9. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
HERBARIUM EXPENSES
MSN L&S BOTANY (133-B291) 2,500.00

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

10.	MECHANICAL ENGINEERING UNRESTRICTED GRANT MSN ENGR MECHANICAL ENGR (133-B430)		
	4,000.00 MINNESOTA MINING AND MANUFACTURING FOUNDATION, INC ST. PAUL, MN		
	10,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		14,000.00
11.	MULTIPLE DONORS TRAUMA CENTER FUND MSN HS-HSP ADMINISTRATION ADMIN (133-C274)		500.00
12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAW SCHOOL DEAN'S DISCRETIONARY FUND MSN LAW LAW SCHOOL (133-D057)		600.00
13.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTS OUTREACH MSN C ED P ADMINISTRATION (133-D560)		3,000.00
14.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT MSN L&S COMPUTER SCI (133-D865)		6,000.00
15.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI CLERICAL SUPPORT IN THE DEPARTMENT OF PSYCHIATRY MSN HS-MED PSYCHIATRY (133-D957)		5,000.00
16.	MULTIPLE DONORS DEPARTMENT OF MEDICINE DISCRETIONARY FUND MSN HS-MED MEDICINE (133-E309)		200.00
17.	WILEY (JOHN) & SONS, INC. PUBLISHERS NEW YORK, NY EDITORIAL OFFICE EXPENSES FOR A HANDBOOK IN APPLIED METEOROLOGY MSN L&S METEOROLOGY (133-E318)		100.00
18.	MULTIPLE DONORS GENERAL ACTIVITY SUPPORT OF THE ASHLAND EXPERIMENT STATION MSN AG&LSC EXPER ST-ASHLAND (133-E446)		26.40
19.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASEBALL SPRING TRIP EXPENSES MSN ATH GENERAL OPERATNS ADMIN (133-E448)		1,500.00

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

20.	AMERICAN SOCIOLOGICAL ASSOCIATION WASHINGTON, DC DEFRAY EDITORIAL EXPENSES OF THE JOURNAL "SOCIOLOGY OF EDUCATION" AT A LEVEL OF \$53,400.00 MSN L&S SOCIOLOGY	(133-E703)	18,200.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GEOLOGY AND GEOPHYSICS CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S GEOL & GEOPHYSICS	(133-E941)	7,600.00
22.	NATIONAL ASSOCIATION OF STATE UNIVERSITIES AND LAND-GRANT COLLEGES WASHINGTON, DC NATIONAL ASSOCIATION OF STATE UNIVERSITIES AND LAND-GRANT COLLEGES: TWO STUDIES MSN EDUC EDUC ADMIN	(133-F735)	7,500.00
23.	MULTIPLE DONORS RESTOR PROGRAM (RESPIRATORY EDUCATION AND SERVICE THROUGH ORGANIZED RESOURCES) MSN HS-HSP ADMINISTRATION ADMIN	(133-F875)	75.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED	(133-G051)	3,500.00
25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SPECIAL FUND - ON-GOING ITEMS MSN HS-MED	(133-G053)	3,000.00
26.	CHICAGO (UNIVERSITY OF) PRESS CHICAGO, IL DEFRAY EDITORIAL EXPENSES OF JOURNAL, "MOLECULAR BIOLOGY AND EVOLUTION" MSN HS-MED PHYSIOLOG CHEM	(133-G157)	7,500.00
27.	ALCOA FOUNDATION PITTSBURGH, PA CAPITAL EQUIPMENT FUND FOR MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR	(133-G482)	800.00
28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SIGN, SYMBOL, SCRIPT EXHIBIT MSN L&S HEBREW & SEM STU	(133-G580)	12,100.00
29.	UNIVERSITY HEALTH CARE, INC. MADISON, WI QUALITY ASSURANCE, MONITORING AND COORDINATION OF MEDICAL CARE ACTIVITIES MSN HS-MED MEDICINE	(133-G652)	11,870.52

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

30.	MULTIPLE DONORS MEDIA LAW NOTES MSN L&S JOURN & MASS COM	(133-G702)	315.00
31.	MULTIPLE DONORS DISCRETIONARY ACCOUNT IN THE DEPARTMENT OF PHYSICAL EDUCATION & DANCE MSN EDUC PHYS ED & DANCE	(133-H031)	141.75
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BALTIC STUDIES CENTER DISCRETIONARY FUND MSN L&S LINGUISTICS	(133-H069)	500.00
33.	MULTIPLE DONORS DISCRETIONARY GRANT FOR BIOMEDICAL ENGINEERING MSN HS-MED BIOMED ENGR CTR	(133-H073)	350.00
34.	AMERICAN SOCIETY OF ANIMAL SCIENCE CHAMPAIGN, IL SECTION EDITOR FOR JOURNAL OF ANIMAL SCIENCE MSN AG&LSC MEAT& ANIMAL SCI	(133-H198)	500.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROGRAM IN CURRICULUM AND DEVELOPMENT IN ALL FRCS PROGRAM AREAS WITH JAPANESE STUDIES MSN FR&CS FAM RSRC&CNSM SC	(133-H208)	20,000.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROJECT ACRONYM/MCBURNEY RESOURCE CENTER MSN G E A DEAN OF STUDENTS PR DISABLD	(133-H306)	1,000.00
37.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS	(133-O179)	
	1,500.00 GENERAL MILLS FOUNDATION MINNEAPOLIS, MN		
	2,000.00 ALUMNI ASSOCIATION OF THE SCHOOL OF BUSINESS MADISON, WI		
	3,477.09 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	300.00 MULTIPLE DONORS		
	2,500.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	500.00 MULTIPLE DONORS		
	1,300.00 UNIVERSITY LEAGUE, INC. MADISON, WI		
	1,000.00 NELSON (HERBERT U) MEMORIAL FUND CHICAGO, IL		
	500.00 MULTIPLE DONORS		

13,077.09

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

38.	MULTIPLE DONORS IN MEMORY OF BERNICE MORRIS NEUROSURGERY RESEARCH MSN HS-MED SURGERY	(133-3254)	285.00
39.	MULTIPLE DONORS UNRESTRICTED FUND FOR THE CHAIRMAN OF THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE	(133-4868)	460.45
40.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS	(133-5984)	
	185.00 MULTIPLE DONORS 5,000.00 ALCOA FOUNDATION PITTSBURGH, PA 100.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		5,285.00
41.	COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND MSN ENGR ADMINISTRATION	(133-6370)	
	500.00 MULTIPLE DONORS 3,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		3,500.00
42.	MULTIPLE DONORS DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING UNRESTRICTED GRANT MSN ENGR ELEC & COMP ENGR	(133-6718)	500.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED USE OF THE DEPARTMENT OF ZOOLOGY IN CONNECTION WITH TEACHING AND RESEARCH IN BIOLOGY MSN L&S ZOOLOGY	(133-6997)	1,047.00
44.	SENSORY AND CHEMICAL PROPERTIES OF FOOD FLAVORS MSN AG&LSC FOOD SCIENCE	(133-8343)	
	1,350.00 JOHNSTON COMPANY MILWAUKEE, WI 1,575.00 LAND O'FROST SEARCY, AR		2,925.00
45.	GENERAL MILLS, INC. MINNEAPOLIS, MN DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR	(133-8366)	4,000.00

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - MADISON

PHYSICAL PLANT

1. HOUSING AND URBAN DEVELOPMENT, DEPT OF
WASHINGTON, DC
INTEREST SUBSIDY GRANT FOR UNION SOUTH
AWARD # CH WIS 132(S)
MSN 58,340.00
2. MULTIPLE DONORS
U.W. HOSPITAL - CHILDREN'S PLAYGROUND
MSN HS-HSP ADMINISTRATION ADMIN (133-D398) 500.00
3. MEMORIAL UNION BUILDING ASSOCIATION
MADISON, WI
ENCLOSURE OF OPEN DECK TO PROVIDE CORRIDOR FROM
CRAFTSHOP TO CENTRAL SECTION OF MEMORIAL UNION
MSN UNION GENERAL (133-H200) 54,000.00

RESEARCH

1. MAYER (OSCAR) FOODS CORPORATION
MADISON, WI
COOPERATIVE RESEARCH AND TRAINING ACTIVITIES
RELATED TO MEAT AND ANIMAL SCIENCE AGREEMENT
FOR THE PERIOD 07-01-84 THRU 06-30-85
MSN AG&LSC MEAT& ANIMAL SCI
2. WISC DEPT OF NATURAL RESOURCES
MADISON, WI
TOXICOLOGY CONSULTANT CONTRACT FOR THE PERIOD
06-01-84 THRU 12-31-84
MSN AG&LSC N RSRC-ENVIR TOX
3. WISC DEPT OF NATURAL RESOURCES
MADISON, WI
UNIVERSITY COOPERATIVE INTERNSHIP AGREEMENT
FOR THE PERIOD 01-01-84 THRU 12-31-84
AWARD # 84-1
MSN
4. INTERANTIONAL BUSINESS MACHINES CORPORATION
STAMFORD, CT
AGREEMENT TO PROVIDE CERTAIN IBM MACHINES AND
LICENSED PROGRAMS FOR THE PURPOSE OF FAMILIAR-
IZATION, EXPERIMENTATION AND COMPUTER CURRICULUM
DEVELOPMENT WITHIN UNIVERSITY DEPARTMENTS
MSN L&S COMPUTER SCI
5. FIRST WISCONSIN-MADISON
MADISON, WI
THOMPSON, TORGER G.--RESEARCH IN CLINICAL MEDICINE
MSN HS-MED MEDICINE (TRUST) 860.89
6. CARELLA, BYRNE, BAIN AND GILFILLAN
NEWARK, NJ
COLLINS, HORACE--LEUKEMIA RESEARCH
MSN HS-MED MEDICINE HEMATOLOGY (TRUST) 3,000.00

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7.	PLENUM PUBLISHING CORPORATION NEW YORK, NY IMMUNOMODULATOR RESEARCH FUND MSN HS-MED HUMAN ONCOLOGY	(TRUST)	23.35
8.	PULETTI, JOYCE MADISON, WI NEUROSURGICAL RESEARCH FUND MSN HS-MED SURGERY	NEUROSURG (TRUST)	5,000.00
9.	MULTIPLE DONORS NEUROLOGY DEPARTMENT RESEARCH FUND MSN HS-MED NEUROLOGY	(TRUST)	150.00
10.	JOHNSEN, LYNN L., M.D. FAYETTEVILLE, NC MEDICAL SCHOOL RENOVATION PROJECT FUND MSN HS-MED ADMINISTRATION DEANS OFFC	(TRUST)	250.00
11.	HANSON, MRS. ANNA EMERY ELMHURST, IL THE FUND IS AVAILABLE TO SUPPORT THE RESEARCH OF PROFESSORS MARJORIE H. KLEIN AND NORMAN S. GREENFIELD. DEPARTMENT OF PSYCHIATRY RESEARCH FUND MSN HS-MED PSYCHIATRY	(TRUST)	20,000.00
12.	BALLINGER PUBLISHING CO. PHILADELPHIA, PA ACADEMIC PRESS NEW YORK, NY SCHOOL OF EDUCATION--WISCONSIN CENTER FOR EDUCATION RESEARCH MSN EDUC GENERAL ADMIN DEANS OFF	\$ 11.30 170.46 (TRUST)	181.76
13.	BITTNER, FRIEDRICH WEST GERMANY MCARDLE LABORATORY FOR CANCER RESEARCH DISCRETIONARY FUND MSN HS-MED ONCOLOGY	(TRUST)	5,000.00
14.	MULTIPLE DONORS WISCONSIN CLINICAL CANCER CENTER--RESEARCH MSN HS-MED HUMAN ONCOLOGY	(TRUST)	4,744.00
15.	MULTIPLE DONORS PERLMAN, PROFESSOR DAVID--HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(TRUST)	62.00
16.	MADISON LEUKEMIA COMMITTEE MADISON, WI BOWMAN, JONATHAN--CANCER RESEARCH MSN HS-MED ONCOLOGY	(TRUST)	2,000.00
17.	O'BRIEN, GEORGE H. ESTATE MENOMONIE, WI FINAL DISTRIBUTION O'BRIEN, GEORGE H.--MEDICAL RESEARCH FUND MSN HS-MED	(TRUST)	14,296.87

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| 18. | O'BRIEN, GEORGE H. ESTATE
MENOMONIE, WI
FINAL DISTRIBUTION
O'BRIEN, GEORGE H.--ANIMAL RESEARCH
MSN AG&LSC | (TRUST) | 14,296.87 |
| 19. | AGRIC, SCIENCE AND EDUCATION ADMIN.
ARLINGTON, VA
PESTICIDE IMPACTS IN WISCONSIN
FOR THE PERIOD 09-15-83 THROUGH 09-30-85
AT A TOTAL COST OF \$22,982.00
AWARD # 83-CRSR-2-2110, MOD. 1
MSN AG&LSC ENTOMOLOGY | (144-T628) | 11,491.00 |
| 20. | COMMERCE, DEPT. OF
WASHINGTON, DC
DEMONSTRATION OF AUTOMATED MEASUREMENT USING
CONTINUOUS TRACING CONCEPTS
FOR THE PERIOD 09-21-81 THROUGH 12-31-84
AT A TOTAL COST OF \$155,836.00
AWARD # NB81NADA2053, MOD. 5
MSN ENGR ENGR EXPER STA MECH ENGR | (144-R588) | 52,606.00 |
| 21. | COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
ROCKVILLE, MD
PARTICIPATION ON THE INTERNATIONAL SATELLITE
CLOUD CLIMATOLOGY PROJECT
FOR THE PERIOD 09-01-81 THROUGH 06-30-85
AT A TOTAL COST OF \$602,676.00
AWARD # NA81AA-D-00119, MOD. 6
MSN GRAD SPACE SCI&ENG CT | (144-R513) | 44,998.00 |
| 22. | UNIVERSITY OF PITTSBURGH
PITTSBURGH, PA
PRIME CONTRACTOR WITH DED
LANGUAGE ANALYSIS LABORATORY
FOR THE PERIOD 03-01-83 THROUGH 02-28-85
AT A TOTAL COST OF \$4,275.00
AWARD # GO08300010, MOD. 1
MSN GRAD WAISMAN CENTER | (144-T799) | 2,145.00 |
| 23. | WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS
EVALUATION AND REVIEW OF WISCONSIN MEDICAL
ASSISTANCE PROGRAM
FOR THE PERIOD 07-01-83 THROUGH 06-30-84
AT A TOTAL COST OF \$719,200.00
AWARD # P.O. FAD 68526, MOD. 2
MSN ENGR ENGR EXPER STA HLTH SYS'S | (144-T387) | 34,200.00 |
| 24. | DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
ANXIETY SYSTEM AND ATTENTIONAL DEFICITS IN
PSYCHOPATHY
FOR THE PERIOD 09-01-83 THROUGH 08-31-84
AT A TOTAL COST OF \$27,173.00
AWARD # 1 RO1 MH37711-01, MOD. 1
MSN L&S PSYCHOLOGY | (144-T771) | 1,875.00 |

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25. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) READING CENTER STUDY TO EVALUATE EARLY VITRECTOMY
IN DIABETIC RETINOPATHY
FOR THE PERIOD 06-26-75 THROUGH 12-31-84
AT A TOTAL COST OF \$1,310,394.00
AWARD # NO1-EY 5-2148, MOD. 13
MSN HS-MED OPHTHALMOLOGY (144-G728) 97,666.00
 - 2) CONTROLLED CLINICAL TRIAL TO EVALUATE THE EARLY
TREATMENT OF DIABETIC RETINOPATHY
FOR THE PERIOD 09-30-77 THROUGH 03-31-85
AT A TOTAL COST OF \$1,069,963.00
AWARD # NO1-EY-7-2139, MOD. 13
MSN HS-MED OPHTHALMOLOGY (144-K794) 204,484.00
 - 3) CANCER CENTER SUPPORT AT THE MCARDLE LABORATORY
FOR THE PERIOD 03-01-84 THROUGH 02-28-85
AWARD # 5 P30 CA07175-21
MSN HS-MED ONCOLOGY (144-U154) 1,888,615.00
 - 4) BIOCHEMICAL STUDIES IN CHEMICAL CARCINOGENESIS
FOR THE PERIOD 04-01-84 THROUGH 03-31-85
AWARD # 5 PO1 CA22484-07
MSN HS-MED ONCOLOGY (144-U214) 1,061,586.00
 - 5) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 06-01-84 THROUGH 05-31-85
AWARD # 5 F32 HDO6379-03
MSN AG&LSC BIOCHEMISTRY (144-U346) 18,468.00
 - 6) NON-INVASIVE ARTERIAL SAMPLING OF PCT RADIOTRACERS
FOR THE PERIOD 05-01-84 THROUGH 04-30-85
AWARD # 5 RO1 CA33206-02
MSN HS-MED MEDICAL PHYSICS (144-U389) 51,483.00
 - 7) EASTERN COOPERATIVE ONCOLOGY GROUP
OPERATIONS OFFICE
FOR THE PERIOD 06-01-84 THROUGH 05-31-85
AWARD # 5 U10 CA21115-09
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-U445) 949,928.00
 - 8) CEA AND FHAP AS BREAST CANCER MANAGEMENT
PARAMETERS
FOR THE PERIOD 06-01-84 THROUGH 05-31-85
AWARD # 5 RO1 CA26935-05
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-U446) 17,209.00
 - 9) ROLE OF SOMATOMEDIN IN GROWTH AND DIABETES
MELLITUS
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 5 RO1 AM32451-03
MSN HS-MED MEDICINE ENDOCRINOL (144-U464) 124,056.00

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10) REGULATION OF GLUCONEOGENESIS IN DIABETES FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 AM20678-07 MSN GRAD ENZYME INSTITUTE	(144-U465)	76,483.00
11) RESEARCH CAREER AWARD FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 1 KO7 NS00808-01A1 MSN HS-MED NEUROLOGY	(144-U466)	44,302.00
12) DIAGNOSTIC NEWS REGARDING DEVELOPMENTAL DISABILITIES FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 1 R23 HD17803-01A1 MSN L&S SOCIOLOGY	(144-U467)	53,625.00
13) COMPARATIVE STUDY OF HOUSEHOLD STRUCTURE IN LATIN AMERICA FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 1 RO1 HD18788-01 MSN L&S SOCIOLOGY	(144-U468)	97,316.00
14) RESEARCH CAREER AWARD FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 KO4 HLO0780-05 MSN HS-MED PREVENTIVE MED	(144-U470)	39,852.00
15) AN EPIDEMIOLOGICAL STUDY OF DIABETIC RETINOPATHY FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 2 RO1 EYO3083-06 MSN HS-MED OPHTHALMOLOGY	(144-U471)	313,662.00
16) CALCIUM AND THE HYPERTENSIVE KIDNEY FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 HL29001-03 MSN HS-MED MEDICINE NEPHROLOGY	(144-U474)	76,993.00
17) PSYCHOSOCIAL STRESSORS, SMOKING CESSATION AND CV RISK FOR THE PERIOD 06-01-84 THROUGH 05-31-85 AWARD # 5 RO1 HL28519-03 MSN L&S PSYCHOLOGY	(144-U476)	20,313.00
18) INTESTINAL MUCOSAL FUNCTION IN DIABETES FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 AM13927-15 MSN HS-MED MEDICINE GASTROENT	(144-U477)	45,653.00
19) MECHANISMS FOR CARDIAC ARRHYTHMIAS DURING ANESTHESIA FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 GM25064-05 MSN HS-MED ANESTHESIOLOGY	(144-U478)	81,088.00
20) NEUROGENETICS OF BEHAVIOR MUTANTS FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 NS15390-06 MSN AG&LSC GENETICS	(144-U479)	109,258.00

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21)	GENETICS AND BIOCHEMISTRY OF RIBOSOME BIOSYNTHESIS FOR THE PERIOD 06-01-84 THROUGH 05-31-85 AWARD # 5 R01 GM20427-12 MSN GRAD ENZYME INSTITUTE	(144-U480)	415,299.00
22)	STUDIES OF ENZYME SUBSTRATES AND INHIBITORS FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 R01 AM20100-06 MSN HS-PHR PHARMACY	(144-U483)	88,902.00
23)	THE BIOCHEMISTRY OF GENETIC RECOMBINATION FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 R01 GM32335-02 MSN AG&LSC BIOCHEMISTRY	(144-U504)	102,243.00
24)	CHEMICAL SYNTHESIS OF OLIGOSACCHARIDES FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 R01 AM10588-19 MSN AG&LSC BIOCHEMISTRY	(144-U505)	125,977.00
25)	THE IMMUNOBIOLOGY OF HUMAN ANTILEUKEMIC LYMPHOCYTES FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 R01 CA32685-03 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(144-U521)	98,397.00
26)	POSTDOCTORAL FELLOWSHIP AWARD FOR THE PERIOD 07-01-84 THROUGH 11-30-84 AWARD # 5 F32 GMO9261-02 MSN HS-MED GENETICS	(144-U524)	8,015.00
27)	REPLICATION OF DNA IN EUKARYOTES FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 R01 GM31249-03 MSN GRAD BIOPHYSICS	(144-U532)	96,778.00
28)	STRUCTURE AND FUNCTION OF THE GENOMES OF SMALL VIRUSES FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 R01 AIO1466-28 MSN GRAD BIOPHYSICS	(144-U533)	121,686.00
29)	PHYSIOLOGICAL REGULATION OF BODY WEIGHT FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 R01 AM19944-20 MSN L&S PSYCHOLOGY	(144-U535)	125,498.00
30)	VISUAL INTEGRATION IN THE BRAIN FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 R01 EYO1916-09 MSN L&S PSYCHOLOGY	(144-U536)	163,541.00
31)	MONOCLONAL ANTIBODIES TO NEURAL ANTIGENS IN ASCARIS FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 R01 AI20355-02 MSN L&S ZOOLOGY	(144-U544)	87,279.00

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32)	MURINE T CELL IA ANTIGENS FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 CA34106-06 MSN AG&LSC BIOCHEMISTRY	(144-U547)	102,663.00
33)	BIOGENESIS OF MEMBRANE LIPIDS IN ANIMAL CELLS FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 AM21722-07 MSN AG&LSC BIOCHEMISTRY	(144-U550)	109,295.00
34)	CALMODULIN IN TRICHO CYST ASSEMBLY AND STRUCTURE FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 GM31098-03 MSN AG&LSC BIOCHEMISTRY	(144-U551)	86,081.00
35)	REACTIVITY OF AMINO NITROGEN COMPOUNDS FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 GM29549-03 MSN L&S CHEMISTRY	(144-U556)	56,365.00
36)	RESEARCH CAREER AWARD FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 KO4 HD00356-04 MSN HS-MED PHYSIOLOG CHEM	(144-U559)	39,578.00
37)	MECHANISMS OF VIRUS INDUCED ASTHMA FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 AI15685-05 MSN HS-MED MEDICINE	ALLRGY&IMM (144-U565)	146,355.00
38)	BEHAVIORAL MANAGEMENT OF PAIN IN RHEUMATOID ARTHRITIS FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 AM31500-03 MSN HS-MED NEUROLOGY	(144-U566)	106,489.00
39)	2-MANNO SIDASE REGULATION DURING SLIME MOLD DEVELOPMENT FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 GM31181-03 MSN AG&LSC BACTERIOLOGY	(144-U567)	68,934.00
40)	MOLECULAR CHARACTERIZATION OF BETA ADRENERGIC RECEPTORS FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 GM33138-10 MSN HS-MED PHARMACOLOGY	(144-U568)	113,260.00
41)	BEHAVIOR OF P FACTORS: MOVABLE ELEMENTS IN DROSOPHILA FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 GM30948-03 MSN HS-MED GENETICS	(144-U569)	125,886.00
42)	STRUCTURE AND FUNCTION OF TITIN IN CARDIAC MYOFIBRILS FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 1 RO1 HL32938-01 MSN AG&LSC MEAT& ANIMAL SCI	(144-U573)	104,535.00

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43) POSTDOCTORAL FELLOWSHIP AWARD FOR THE PERIOD 06-25-84 THROUGH 06-24-85 AWARD # 1 F32 GM09942-01 MSN HS-MED PHYSIOLOG CHEM	(144-U576)	17,040.00
44) PROTEIN AND THROMBUS DEPOSITION ON VASCULAR GRAFTS FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 HL21001-07 MSN ENGR ENGR EXPER STA CHEM ENGR	(144-U578)	132,539.00
45) RESPONSE TO GONADOTROPINS: BIOCHEMICAL AND GENETIC CONTROL FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 HD18889-02 MSN AG&LSC MEAT& ANIMAL SCI	(144-U579)	52,786.00
46) INSULIN DEPENDENT PLACENTAL GLUCOSE TRANSPORT FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 HD15091-04 MSN HS-MED PHYSIOLOGY	(144-U580)	84,215.00
47) ENDOCRINOLOGY AND MORPHOLOGY OF IMPLANTATION FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 HD12683-05 MSN HS-MED ANATOMY	(144-U581)	83,313.00
48) RESEARCH CAREER AWARD FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 KO6 CA00685-24 MSN HS-MED ONCOLOGY	(144-U582)	33,210.00
49) PSYCHOMOTOR DEFICITS IN PARKINSON'S DISEASE FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 1 RO1 NS17421-01A3 MSN EDUC PHYS ED & DANCE	(144-U583)	103,598.00
50) X-RAY DIFFRACTION STUDIES OF RIBONUCLEIC ACIDS FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 GM18455-11 MSN AG&LSC BIOCHEMISTRY	(144-U584)	86,455.00
51) BOTULINUM NEUROTOXIN: STRUCTURE AND ACTIVE SITE(S) FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 NS17742-03 MSN AG&LSC FOOD MICRO&TOXIC	(144-U589)	91,692.00
52) ENZYME CATALYSIS OF ELECTRON AND GROUP TRANSFER FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 5 RO1 AM28607-04 MSN GRAD ENZYME INSTITUTE	(144-U591)	91,712.00
53) PROTON-TRANSLOCATION SECTOR OF E. COLI H ⁺ -ATPASE FOR THE PERIOD 07-01-84 THROUGH 06-30-85 AWARD # 2 RO1 GM23105-09 MSN HS-MED PHYSIOLOG CHEM	(144-U595)	189,626.00

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- 54) ROLE OF SEROTONIN IN BRAINSTEM-INDUCED SPINAL
ANALGESIA
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 1 RO1 NS21278-01
MSN VET M STRUCT&FUNCT SCI (144-U600) 77,773.00
26. UNIVERSITY OF PENNSYLVANIA
PHILADELPHIA, PA
PRIME CONTRACTOR WITH DHHS PHS NIH
WOMEN'S SCHOOLING, BACKGROUND AND NON-MARKET
OUTCOMES
FOR THE PERIOD 06-01-84 THROUGH 05-31-85
AWARD # 5-20808-01
MSN L&S INST-RES ON POV (144-U541) 34,698.00
27. DOD, AIR FORCE
BOLLING AFB, DC
VIBRATIONAL RELAXATION RATES AND PATHWAYS IN
HIGHLY EXCITED MOLECULES
FOR THE PERIOD 06-30-84 THROUGH 06-29-85
AWARD # AFOSR-82-0244, MOD. 3
MSN L&S CHEMISTRY (144-U543) 98,636.00
28. DOD, AIR FORCE
PATRICK AFB, FL
METEOROLOGICAL INTERACTIVE DATA DISPLAY SYSTEM
FOR THE CAPE CANAVERAL FORECAST FACILITY
FOR THE PERIOD 02-01-84 THROUGH 11-30-84
AWARD # FO8606-84-C-0007
MSN GRAD SPACE SCI&ENG CT (144-U103) 496,087.00
29. DOD, ARMY
RESEARCH TRIANGLE PARK, NC
IN SUPPORT OF THE FOLLOWING:
- 1) TIME AND STATE RESOLVED STUDIES OF MOLECULAR
DECOMPOSITION
FOR THE PERIOD 08-01-82 THROUGH 07-31-85
AT A TOTAL COST OF \$199,305.00
AWARD # DAAG29-82-K-0150, MOD. 2
MSN L&S CHEMISTRY (144-S304) 69,234.00
- 2) DOD-UNIVERSITY RESEARCH INSTRUMENTATION GRANT
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # DAAG29-84-G-0043
MSN ENGR ENGR EXPER STA MECH ENGR (144-U562) 50,000.00
30. DOD, ARMY
WASHINGTON, DC
OPERATING SYSTEMS FOR RING-BASED MULTIPROCESSORS
FOR THE PERIOD 05-21-84 THROUGH 11-20-84
AWARD # MDA903-84-C-0204
MSN L&S COMPUTER SCI (144-U422) 150,003.00
31. CUMMINS ENGINE COMPANY, INC
COLUMBUS, IN
PRIME CONTRACTOR WITH DOD ARMY
MEASUREMNT OF PARTICULATE RADIANT EMISSIONS AND
TEMPERATURE IN A COOLED AND UNCOOLED DIESEL ENGINE
FOR THE PERIOD 09-30-83 THROUGH 09-29-84
AWARD # P.O. 27043-90
MSN ENGR ENGR EXPER STA MECH ENGR (144-T795) 52,100.00

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32. DOD, NAVY
ARLINGTON, VA
IN SUPPORT OF THE FOLLOWING:
- 1) EXCITED STATE PROPERTIES OF SEMICONDUCTOR
ELECTRODES AND THEIR APPLICATION TO OPTICAL
ENERGY CONVERSION
FOR THE PERIOD 07-01-78 THROUGH 06-30-85
AT A TOTAL COST OF \$320,921.00
AWARD # N00014-78-C-0633, MOD. 5
MSN L&S CHEMISTRY (144-M036) 60,000.00
 - 2) COLLISIONAL ENERGY TRANSFER IN HIGHLY
VIBRATIONALLY EXCITED MOLECULES
FOR THE PERIOD 06-01-79 THROUGH 05-31-85
AT A TOTAL COST OF \$413,535.00
AWARD # N00014-79-C-0415, MOD. 6
MSN L&S CHEMISTRY (144-N122) 69,848.00
33. DOD, NAVY
WASHINGTON, DC
HEAT FLOW ANALYSIS OF LASER MATERIALS PROCESSING
FOR THE PERIOD 05-15-84 THROUGH 12-31-84
AWARD # N00014-84-C-2170
MSN ENGR ENGR EXPR STA MET & MIN (144-U502) 23,090.00
34. ENERGY, DEPT OF
ARGONNE, IL
IN SUPPORT OF THE FOLLOWING:
- 1) INVESTIGATION OF RF HEATING FOR TANDEM MIRROR
EXPERIMENTS AND REACTORS
FOR THE PERIOD 10-01-77 THROUGH 12-31-84
AT A TOTAL COST OF \$8,178,692.00
AWARD # DE-ACO2-78ET51015, MOD. 19
MSN ENGR ENGR EXPR STA NUCL ENGR (144-K783) 380,000.00
 - 2) HEAT TRANSFER AND CONDUCTOR STABILITY IN POOL
BOILING HELIUM
FOR THE PERIOD 03-01-82 THROUGH 02-28-85
AT A TOTAL COST OF \$205,000.00
AWARD # DE-ACO2-82ER52077, MOD. 2
MSN ENGR ENGR EXPR STA NUCL ENGR (144-R820) 85,000.00
 - 3) ORGANIZATION OF THE R CHROMOSOME REGION IN MAIZE
FOR THE PERIOD 06-01-83 THROUGH 05-31-86
AT A TOTAL COST OF \$81,561.00
AWARD # DE ACO2 76EVO1300, MOD. 10
MSN AG&LSC GENETICS (144-T214) 40,255.00
 - 4) ONE CARBON METABOLISM IN ANAEROBIC BACTERIA:
ORGANIC ACID AND METHANE PRODUCTION
FOR THE PERIOD 08-01-83 THROUGH 07-31-86
AT A TOTAL COST OF \$194,000.00
AWARD # DE-ACO2-80ER10705, MOD. 5
MSN AG&LSC BACTERIOLOGY (144-T515) 88,000.00

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- 5) PROBABILISTIC RELIABILITY
FOR THE PERIOD 05-07-84 THROUGH 05-06-85
AWARD # DE-FGO2-84ER52114
MSN ENGR ENGR EXPER STA NUCL ENGR (144-U400) 50,000.00
- 6) PHYTOCHROME FROM GREEN PLANTS: ASSAY,
PURIFICATION AND CHARACTERIZATION
FOR THE PERIOD 06-01-84 THROUGH 05-31-87
AWARD # DE-ACO2-81ER10903
MSN L&S BOTANY (144-U463) 55,000.00
- 7) CONFERENCE FOR: FOURTEENTH STEENBOCK SYMPOSIUM,
NITROGEN FIXATION AND CO2 METABOLISM
FOR THE PERIOD 06-01-84 THROUGH 05-31-85
AWARD # DE-FGO2-84ER13254
MSN AG&LSC BIOCHEMISTRY (144-U497) 5,000.00
35. ARGONNE NATIONAL LABORATORY
ARGONNE, IL
PRIME CONTRACTOR WITH DOE
HYDROGEOLOGICAL PROPERTIES OF SOME FRACTURING CLAY
TILLS
FOR THE PERIOD 06-01-84 THROUGH 05-31-85
AWARD # AGR DTD 05-18-84
MSN L&S GEOL & GEOPHYSCS (144-U441) 12,000.00
36. FERMI NATIONAL ACCELERATOR LABORATORY
BATAVIA, IL
PRIME CONTRACTOR WITH DOE
EQUIPMENT FOR THE COLLIDING DETECTOR FACILITY
(CDF) AT FERMILAB
FOR THE PERIOD 07-01-83 THROUGH 09-30-85
AT A TOTAL COST OF \$357,000.00
AWARD # PD SC-95490, MOD. 1
MSN L&S PHYSICS (144-U319) 40,000.00
37. NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA
IN SUPPORT OF THE FOLLOWING:
- 1) THERMAL AND ELECTRICAL CONTACT CONDUCTANCE STUDIES
FOR THE PERIOD 06-01-83 THROUGH 11-30-84
AT A TOTAL COST OF \$50,000.00
AWARD # NAG 2-242, MOD. 2
MSN ENGR ENGR EXPER STA NUCL ENGR (144-T468) 17,500.00
- 2) GROWTH OF POTATOES FOR CELSS
FOR THE PERIOD 05-01-84 THROUGH 11-30-84
AWARD # NCC-2-301
MSN AG&LSC HORTICULTURE (144-U440) 65,902.00
38. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
IN SUPPORT OF THE FOLLOWING:

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|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| 1) | A SPACE TELESCOPE SCIENTIFIC INVESTIGATION USING
A HIGH SPEED PHOTOMETER
FOR THE PERIOD 03-02-78 THROUGH 01-31-85
AT A TOTAL COST OF \$5,885,510.00
AWARD # NAS5-24487, MOD. 35
MSN GRAD SPACE SCI&ENG CT | (144-L324) | 250,000.00 |
| 2) | RESEARCH RELATIVE TO THE DEPENDENCE OF WIND
PROPERTIES ON LUMINOSITY CLASS FOR SELECTED
STARS
FOR THE PERIOD 07-01-84 THROUGH 12-31-84
AWARD # NAG 5-423
MSN L&S ASTRONOMY | (144-U542) | 6,015.00 |
| 39. | NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING: | | |
| 1) | ARCHAEOLOGICAL EXPLORATIONS OF A PREHISTORIC
WISCONSIN VILLAGE: INVOLVING NATIVE AMERICANS IN
RESEARCHING THEIR OWN ANCESTRY
FOR THE PERIOD 07-01-84 THROUGH 05-31-85
AWARD # GZ-22131-84
MSN L&S ANTHROPOLOGY | (144-U503) | 27,914.00 |
| 2) | DICTIONARY OF AMERICAN REGIONAL ENGLISH
FOR THE PERIOD 07-01-84 THROUGH 06-30-87
AWARD # RT-20460-84
MSN L&S ENGLISH | (144-U546) | 184,284.00 |
| 40. | NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING: | | |
| 1) | COMMUNICATION, SPECIALIZATION & TASK PARTITIONING
FOR THE PERIOD 06-01-82 THROUGH 11-30-84
AT A TOTAL COST OF \$63,685.00
AWARD # BNS-8112744, MOD. 1
MSN AG&LSC ENTOMOLOGY | (144-R412) | 8,686.00 |
| 2) | BIOLOGICAL FIXATION OF NITROGEN
FOR THE PERIOD 01-15-82 THROUGH 06-30-85
AT A TOTAL COST OF \$152,601.00
AWARD # PCM-8115077, MOD. 2
MSN AG&LSC BIOCHEMISTRY | (144-R708) | 51,559.00 |
| 3) | ELECTROSTATIC COMPONENT OF PROTEIN-NUCLEIC ACID
INTERACTIONS
FOR THE PERIOD 03-01-82 THROUGH 08-31-85
AT A TOTAL COST OF \$223,588.00
AWARD # PCM-8120031, MOD. 4
MSN L&S CHEMISTRY | (144-R792) | 10,000.00 |
| 4) | STUDY OF THE MICROSCOPIC PROPERTIES OF
SEMICONDUCTOR-SEMICONDUCTOR INTERFACES
FOR THE PERIOD 05-01-82 THROUGH 10-31-85
AT A TOTAL COST OF \$187,800.00
AWARD # DMR-8200518, MOD. 2
MSN L&S PHYSICS | (144-R932) | 63,000.00 |

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| 5) STEREOCHEMISTRY OF MAGNESIUM-ATP COMPLEX
AS A SUBSTRATE
FOR THE PERIOD 06-01-82 THROUGH 11-30-85
AT A TOTAL COST OF \$114,000.00
AWARD # PCM-8200705, MOD. 2
MSN AG&LSC BIOCHEMISTRY | (144-R938) | 40,000.00 |
| 6) STRUCTURAL GEOLOGY OF WESTERN SVALBARD
FOR THE PERIOD 05-01-82 THROUGH 11-30-85
AT A TOTAL COST OF \$223,709.00
AWARD # DPP-8203038, MOD. 2
MSN L&S GEOL & GEOPHYSICS | (144-S038) | 88,073.00 |
| 7) LIMIT THEOREMS FOR NONPARAMETRIC ESTIMATES
(MATHEMATICAL SCIENCES)
FOR THE PERIOD 09-01-82 THROUGH 11-30-86
AT A TOTAL COST OF \$43,278.00
AWARD # MCS-8202560, MOD. 1
MSN L&S STATISTICS | (144-S486) | 28,600.00 |
| 8) MEASUREMENT OF DEEP CRUSTAL STRESSES AND ROCK
PERMEABILITY IN THE TROODOS OPHIOLITE, CYPRUS
FOR THE PERIOD 11-15-82 THROUGH 06-30-85
AT A TOTAL COST OF \$75,620.00
AWARD # EAR-8212087, MOD. 2
MSN ENGR ENGR EXPER STA MET & MIN | (144-S713) | 11,940.00 |
| 9) STATISTICAL INFERENCE RELATED TO SURVEY AND
EXPERIMENTAL DESIGNS
FOR THE PERIOD 05-01-83 THROUGH 10-31-85
AT A TOTAL COST OF \$50,450.00
AWARD # DMS-8300140, MOD. 1
MSN L&S STATISTICS | (144-T156) | 20,200.00 |
| 10) PROBLEMS IN CONTINUUM MECHANICS
FOR THE PERIOD 06-01-83 THROUGH 11-30-85
AT A TOTAL COST OF \$194,206.00
AWARD # DMS-8215064, MOD. 1
MSN L&S MATHEMATICS | (144-T191) | 97,200.00 |
| 11) RESTORATION OF BILINEARLY DISTORTED IMAGES
FOR THE PERIOD 05-01-83 THROUGH 11-30-85
AT A TOTAL COST OF \$82,270.00
AWARD # ECS-8306340, MOD. 1
MSN ENGR ENGR EXPER STA EL&COMPUT | (144-T246) | 45,430.00 |
| 12) ALGORITHM-STRUCTURED PYRAMID AND NETWORK
ARCHITECTURES
FOR THE PERIOD 06-15-83 THROUGH 11-30-85
AT A TOTAL COST OF \$130,759.00
AWARD # DCR-8302397, MOD. 1
MSN L&S COMPUTER SCI | (144-T250) | 68,537.00 |
| 13) PHYTOCHROME: BIOGENESIS AND MOLECULAR PROPERTIES
FOR THE PERIOD 06-15-83 THROUGH 11-30-85
AT A TOTAL COST OF \$166,100.00
AWARD # PCM-8302206, MOD. 1
MSN L&S BOTANY | (144-T251) | 84,500.00 |

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- 14) ENZYMES INVOLVED IN REGULATION OF NITROGEN
METABOLISM
FOR THE PERIOD 07-01-83 THROUGH 12-31-85
AT A TOTAL COST OF \$98,000.00
AWARD # PCM-8302630, MOD. 1
MSN AG&LSC BIOCHEMISTRY (144-T409) 53,000.00
- 15) ANTARCTIC AUTOMATIC WEATHER STATIONS: OPERATION
AND DATA ANALYSES
FOR THE PERIOD 08-01-83 THROUGH 01-31-86
AT A TOTAL COST OF \$445,205.00
AWARD # DPP-8306265, MOD. 1
MSN L&S METEOROLOGY (144-T478) 198,627.00
- 16) HIGH RESOLUTION SPECTROSCOPIC STUDIES IN AERONOMY
FOR THE PERIOD 09-01-83 THROUGH 02-28-85
AT A TOTAL COST OF \$79,700.00
AWARD # ATM-8311511, MOD. 1
MSN L&S PHYSICS (144-T617) 10,700.00
- 17) JOB RIGHTS IN THE USSR: THEIR EFFECT ON THE
ORGANIZATION OF THE TOTAL ECONOMY
FOR THE PERIOD 06-01-84 THROUGH 02-28-87
AWARD # SES-8319905
MSN L&S ECONOMICS (144-U388) 39,088.00
- 18) MOLECULAR APPROACHES TO THE STUDY OF EVOLUTION
FOR THE PERIOD 06-01-84 THROUGH 11-30-85
AWARD # BSR-8400682
MSN HS-MED PHYSIOLOG CHEM (144-U412) 91,083.00
- 19) NSF EQUIPMENT GRANT
FOR THE PERIOD 06-01-84 THROUGH 11-30-85
AWARD # DMR-8312330
MSN ENGR ENGR EXPER STA MET & MIN (144-U534) 141,000.00
- 20) COMPARISON OF GAS AND SOLUTION PHASE ELECTRON
AND PROTON TRANSFER REACTIONS OF AMINO NITROGEN
COMPOUNDS (CHEMISTRY)
FOR THE PERIOD 05-15-84 THROUGH 10-31-85
AWARD # CHE-8401836
MSN L&S CHEMISTRY (144-U537) 61,300.00
- 21) THE NEGOTIATION PROCESS IN ORDINARY LITIGATION
FOR THE PERIOD 06-01-84 THROUGH 05-31-86
AWARD # SES-8320129
MSN L&S POLITICAL SCI (144-U538) 40,333.00
- 22) NSF EQUIPMENT GRANT
FOR THE PERIOD 06-01-84 THROUGH 11-30-85
AWARD # MEA-8405794
MSN ENGR ENGR EXPER STA MECH ENGR (144-U539) 83,067.00
- 23) FIRN TEXTURE AND DIAGENESIS IN WEST ANTARCTICA
FOR THE PERIOD 06-01-84 THROUGH 11-30-86
AWARD # DPP-8315777
MSN L&S GEOL & GEOPHYSICS GEO&POL R (144-U558) 75,825.00

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24)	NSF EQUIPMENT GRANT FOR THE PERIOD 06-15-84 THROUGH 11-30-85 AWARD # CPE-8404259 MSN ENGR ENGR EXPER STA CHEM ENGR (144-U560)	28,050.00
25)	NSF EQUIPMENT GRANT FOR THE PERIOD 06-15-84 THROUGH 05-31-86 AWARD # CPE-8404584 MSN ENGR ENGR EXPER STA CHEM ENGR (144-U561)	75,000.00
26)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD FOR THE PERIOD 07-01-84 THROUGH 12-31-85 AWARD # DMS-8351187 MSN L&S COMPUTER SCI (144-U587)	25,000.00
27)	TROPICAL GLACIERS AND CLIMATE FOR THE PERIOD 06-15-84 THROUGH 11-30-85 AWARD # EAR-8317722 MSN L&S METEOROLOGY (144-U593)	47,723.00
41.	ASGROW SEED COMPANY KALAMAZOO, MI DISEASE RESISTANCE BREEDING IN ONIONS MSN AG&LSC HORTICULTURE (133-A103)	2,000.00
42.	CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY (133-A250)	
	1,044.59 MULTIPLE DONORS	
	250.00 MULTIPLE DONORS IN MEMORY OF HAROLD W. DECLEENE	
	700.00 MULTIPLE DONORS IN MEMORY OF DANIEL L. BECK	
		1,994.59
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GYNECOLOGY AND OBSTETRICS RESEARCH AND DEVELOPMENT FUND MSN HS-MED OBSTET & GYNECOL (133-A522)	16,185.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE (133-A525)	15,255.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF DIAGNOSTIC RADIOLOGY MSN HS-MED RADIOLOGY NUCL MED (133-A529)	63,000.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF NEUROLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED NEUROLOGY (133-A533)	41,500.00

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47.	METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-A728)	
	1,600.00	WISCONSIN BERRY GROWERS ASSOCIATION OREGON, WI	
	1,500.00	CHEVRON CHEMICAL COMPANY CREVE COEUR, MO	
			3,100.00
48.	SQUIBB (E R) & SONS, INC. NEW BRUNSWICK, NJ PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY	(133-B193)	5,000.00
49.	MULTIPLE DONORS SUSTAINING FUND FOR CHEESE RESEARCH INSTITUTE MSN AG&LSC FOOD SCIENCE	(133-B996)	417.00
50.	MULTIPLE DONORS WILDLIFE RESEARCH MSN AG&LSC N R-WILDLIF ECOL	(133-C298)	925.00
51.	HEWLETT PACKARD PALO ALTO, CA GRADUATE RESEARCH SUPPORT IN THE DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING MSN ENGR ENGR EXPER STA EL&COMPUT	(133-C555)	2,000.00
52.	MULTIPLE DONORS STUDY OF THE EFFECTS OF YOGURT ON BREAD MSN AG&LSC FOOD SCIENCE	(133-C733)	200.00
53.	MULTIPLE DONORS CLINICAL MICROBIOLOGY LABORATORY FUND MSN HS-MED MEDICINE	(133-C795)	1,000.00
54.	MULTIPLE DONORS LIVESTOCK AND MEAT DISTRIBUTION MSN AG&LSC MEAT& ANIMAL SCI	(133-C865)	262.00
55.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI FERTILIZER RESEARCH - SOIL MANAGEMENT, SOIL FERTILITY AND PLANT NUTRITION PROBLEMS MSN AG&LSC SOIL SCIENCE	(133-C950)	131,336.93
56.	CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-C975)	
	1,500.00	CIBA-GEIGY CORPORATION GREENSBORO, NC	
	3,500.00	FMC CORPORATION OMAHA, NB	
			5,000.00

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57.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI EXPANDED APPLIED RESEARCH PROGRAM DIRECTED TOWARD IMPROVEMENT OF THE WISCONSIN CRANBERRY INDUSTRY MSN AG&LSC HORTICULTURE (133-D021)	3,000.00
58.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI EXPANDED APPLIED RESEARCH PROGRAM DIRECTED TOWARD IMPROVEMENT OF THE WISCONSIN CRANBERRY INDUSTRY MSN AG&LSC PLANT PATHOLOGY (133-D022)	10,000.00
59.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI EXPANDED APPLIED RESEARCH PROGRAM DIRECTED TOWARD IMPROVEMENT OF THE WISCONSIN CRANBERRY INDUSTRY MSN AG&LSC HORTICULTURE (133-D024)	3,484.00
60.	ANONYMOUS DONOR DEFRAY COST OF PROTOTYPE INSTRUMENT TO CONTINUOUSLY MONITOR BLOOD GLUCOSE IN PATIENTS MSN HS-MED MEDICINE (133-D058)	1,500.00
61.	INTERNATIONAL MINERALS & CHEMICAL CORPORATION MUNDELEIN, IL CASTING OF CARBON STEEL IN OLIVINE AGGREGATE MOLDS AND CORES MSN ENGR ENGR EXPER STA MET & MIN (133-D121)	4,000.00
62.	ICI AMERICAS INC. GOLDSBORO, NC GROWTH REGULATORS - FRUIT CROPS MSN AG&LSC HORTICULTURE (133-D127)	1,000.00
63.	MINT INDUSTRY RESEARCH COUNCIL CHEHALIS, WA VEGETABLE DISEASE RESEARCH MSN AG&LSC PLANT PATHOLOGY (133-D374)	1,000.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND EDUCATIONAL PROGRAMS IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY (133-D448)	1,095.00
65.	SURFACE AREA STUDIES MSN HS-PHR PHARMACY (133-D484)	
	500.00 MULTIPLE DONORS	
	2,000.00 PFIZER INC. GROTON, CT	
	500.00 MULTIPLE DONORS	
		3,000.00

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66.	MULTIPLE DONORS SPECIAL COAGULATION STUDY MSN HS-MED MEDICINE	HEMATOLOGY (133-D535)	486.85
67.	INSECT PEST MANAGEMENT MSN AG&LSC ENTOMOLOGY	(133-D617)	
	1,500.00 CHEVRON CHEMICAL COMPANY CREVE COEUR, MO		
	1,000.00 ZDECON CORPORATION PALO ALTO, CA		
	1,500.00 SHELL DEVELOPMENT COMPANY ST. ANN, MO		
			4,000.00
68.	ALCON LABORATORIES, INC. FORT WORTH, TX DRUG DELIVERY AND ARTIFICIAL TEARS MSN HS-PHR PHARMACY	(133-D621)	5,000.00
69.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI EXPANDED APPLIED RESEARCH PROGRAM DIRECTED TOWARD IMPROVEMENT OF THE WISCONSIN CRANBERRY INDUSTRY MSN AG&LSC ENTOMOLOGY	(133-D679)	13,658.00
70.	KRAFT, INC. GLENVIEW, IL FACTORS IN THE PRESERVATION OF PASTEURIZED PROCESS CHEESE SPREADS MSN AG&LSC FOOD MICRO&TOXIC	(133-D770)	62,969.00
71.	UPJOHN COMPANY KALAMAZOO, MI INFECTIOUS DISEASE EDUCATION FUND MSN HS-MED MEDICINE	INFECT DIS (133-D837)	2,075.00
72.	CHEVRON U.S.A. INC. NEW ORLEANS, LA GRADUATE FELLOWSHIP IN GEOLOGY MSN L&S GEOL & GEOPHYSCS	(133-E053)	1,500.00
73.	MINT INDUSTRY RESEARCH COUNCIL CHEHALIS, WA PLANT PEST PROBLEMS AFFECTING THE MINT INDUSTRY IN WISCONSIN MSN AG&LSC HORTICULTURE	(133-E115)	5,000.00
74.	KIMBERLY-CLARK CORPORATION NEENAH, WI VIRAL INTERRUPTION STUDY FOR THE PERIOD 10-01-80 THRU 06-30-85 AT AN \$860,000 LEVEL AWARD # P.D. #KW 7053-1 MSN HS-MED PREVENTIVE MED	(133-E310)	260,000.00

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75.	MULTIPLE DONORS CARDIOVASCULAR RESEARCH MSN HS-MED MEDICINE	CARDIOLOGY (133-E381)	500.00
76.	GREAT LAKES WOOL GROWERS ASSOCIATION MINNEAPOLIS, MN DEVELOPMENT OF PASTURE SYSTEMS AND PRODUCTION TECHNIQUES FOR SHEEP THAT WILL MAXIMIZE FORAGE UTILIZATION IN NORTHERN WISCONSIN MSN AG&LSC MEAT& ANIMAL SCI	(133-E385)	3,000.00
77.	SOHIO PETROLEUM COMPANY DALLAS, TX SOHIO GRANT-IN-AID MSN L&S GEOL & GEOPHYSICS	(133-E692)	10,000.00
78.	MULTIPLE DONORS LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL	(133-E839)	550.00
79.	PERSONAL PRODUCTS MILLTOWN, NJ TOXIC SHOCK SYNDROME RESEARCH MSN AG&LSC FOOD MICRO&TOXIC	(133-E869)	24,250.00
80.	MULTIPLE DONORS CARDIOVASCULAR SURGERY HEART RESEARCH FUND MSN HS-MED SURGERY	THORACIC S (133-F069)	100.00
81.	HOFFMANN-LA ROCHE, INC. NUTLEY, NJ WISCONSIN PHARMACEUTICS RESEARCH LABORATORY MSN HS-PHR PHARMACY	(133-F098)	10,000.00
82.	ALCOA FOUNDATION PITTSBURGH, PA INDUSTRIAL ENGINEERING CAPITAL EQUIPMENT MSN ENGR ENGR EXPER STA INDUS ENGR	(133-F191)	1,000.00
83.	AMERICAN IRON AND STEEL INSTITUTE WASHINGTON, DC ELECTROCHEMICAL DEPOSITION OF ZINC-METAL ALLOYS ON STEEL AWARD # 63-462 MSN ENGR ENGR EXPER STA CHEM ENGR	(133-F194)	27,000.00
84.	MINNESOTA MINING AND MANUFACTURING FOUNDATION, INC ST. PAUL, MN DISCRETIONARY RESEARCH PROGRAM MSN HS-PHR PHARMACY	(133-F205)	3,500.00
85.	MINNESOTA MINING & MANUFACTURING FOUNDATION, INC. ST. PAUL, MN BIOTECHNOLOGY DISCRETIONARY RESEARCH MSN AG&LSC BIOCHEMISTRY	(133-F211)	3,500.00

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86.	MULTIPLE DONORS SUDDEN INFANT DEATH SYNDROME RESEARCH MSN HS-MED PATHOL & LAB MED ANAT PATH (133-F270)	35.00
87.	U.S. COMMITTEE FOR SCIENTIFIC COOPERATION WITH VIETNAM FULLERTON, CA PROGRAM FOR THE DEVELOPMENT OF A PREVENTIVE HEALTH SERVICE PROGRAM FOR VIETNAM MSN HS-MED PREVENTIVE MED (133-F298)	12,814.00
88.	JOHNSON (ROBERT WOOD) FOUNDATION PRINCETON, NJ TEACHING NURSING HOME PROGRAM FOR THE PERIOD 07-01-82 THRU 06-30-87 AT A \$625,350 LEVEL MSN HS-NUR ADMINISTRATION ADMIN (133-F322)	427,301.00
89.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH ASSISTANCE MSN L&S ECONOMICS (133-F325)	400.00
90.	WISC DEPT OF NATURAL RESOURCES MADISON, WI INVESTIGATION OF WILDLIFE DISEASES FOR THE PERIOD 07-01-82 THRU 06-30-84 AT A \$10,320 LEVEL AWARD # P.O.#NRC 90033 MSN AG&LSC VETERINARY SCI (133-F341)	2,500.00
91.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL RESEARCH MSN L&S BOTANY (133-F398)	651.00
92.	MULTIPLE DONORS CLINICAL EXERCISE PHYSIOLOGY ACTIVITIES MSN HS-MED MEDICINE CARDIOLOGY (133-F572)	250.00
93.	PROCTER & GAMBLE COMPANY CINCINNATI, OH DETERMINATION OF DOSE LEVEL FOR RECESSIVE LETHAL TEST IN DROSOPHILA MELANOGASTER MSN L&S ZOOLOGY (133-F628)	37,400.00
94.	ROYAL THAI EMBASSY WASHINGTON, DC GRADUATE RESEARCH SUPPORT MSN AG&LSC HORTICULTURE (133-F806)	500.00
95.	MULTIPLE DONORS ARTHRITIS RESEARCH MSN HS-MED MEDICINE RHEUMATOL (133-F871)	200.00
96.	MULTIPLE DONORS GEOTECHNICAL ENGINEERING PROGRAM SUPPORT MSN ENGR ENGR EXPER STA CIVIL&ENV (133-F891)	131.00

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97.	MULTIPLE DONORS BONE MARROW TRANSPLANTATION RESEARCH MSN HS-MED PEDIATRICS	(133-F923)	25.00
98.	CIBA-GEIGY CORPORATION SUMMIT, NJ PSYCHIATRIC CLINICAL RESEARCH MSN HS-PSY PSYCHIATRIC INST	(133-G006)	10,998.00
99.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND MSN HS-MED	(133-G050)	130,000.00
100.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASIC RESEARCH IN PRECISION ENGINEERING MSN ENGR MECHANICAL ENGR	(133-G074)	8,000.00
101.	WEISS (LEONARD W) MADISON, WI MISCELLANEOUS RESEARCH EXPENSE MSN L&S ECONOMICS	(133-G171)	100.00
102.	AGRIGENETICS CORPORATION MADISON, WI AGRIGENETICS PREDOCTORAL FELLOW OF GENETICS MSN AG&LSC GENETICS	(133-G212)	15,000.00
103.	SEMICONDUCTOR RESEARCH CORPORATION RESEARCH TRIANGLE PARK, NC STUDIES OF HIGH-CONDUCTIVITY SILICIDE METALLIZATIONS FOR VLSI FOR THE PERIOD 06-15-83 THRU 06-14-85 AT A \$181,500 LEVEL AWARD # SRC NO. 83-01-027 MSN ENGR ENGR EXPER STA MET & MIN	(133-G230)	93,500.00
104.	RUFFED GROUSE SOCIETY CORAPOLIS, PA EXTENSION EDUCATION PROGRAM FOR IMPROVED MANAGEMENT OF RUFFED GROUSE HABITAT IN WISCONSIN MSN AG&LSC N R-WILDLIF ECOL	(133-G496)	10,000.00
105.	ADAMS (LEONHARD) HANNOVER, FEDERAL REPUBLIC OF GERMANY RESEARCH ASSISTANTSHIP MSN L&S METEOROLOGY	(133-G516)	615.00
106.	OFFICE OF THE STATE PUBLIC DEFENDER MADISON, WI TRAINING PROGRAM AT THE PUBLIC DEFENDER OFFICE FOR THE PERIOD 08-22-83 THRU 08-26-84 AT A \$19,321.22 LEVEL MSN L&S SOCIAL WORK	(133-G531)	7,738.22

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107.	WISC DEPT OF TRANSPORTATION MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 08-29-83 THRU 08-13-84 AT A \$9,351.51 LEVEL AWARD # P.O. # TRD07714 MSN BUS SCH OF BUSINESS (133-G594)	2,810.78
108.	NEUROLOGY CLINICAL PRACTICE PLAN OF AFFILIATED UNIVERSITY PHYSICIANS MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY (133-G648)	1,460.56
109.	WISCONSIN PUBLIC SERVICE COMMISSION MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 08-22-83 THRU 08-25-84 AT A \$6,611.59 LEVEL AWARD # P.O. # PSD 4031 MSN L&S ECONOMICS (133-G685)	1,601.44
110.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH ON HUMAN LUNG TISSUE MSN HS-MED ANESTHESIOLOGY (133-G721)	1,000.00
111.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANALYTICAL DIVISION UNDERGRADUATE RESEARCH PROGRAM MSN L&S CHEMISTRY (133-G839)	3,723.00
112.	GLAXO INC. RESEARCH TRIANGLE PARK, NC MULTICENTER RADOMIZED COMPARISON OF THE EFFECTIVENESS AND SAFETY OF CEFUROXIME AXETIL AND CEFACLOR IN THE TREATMENT OF LOWER RESPIRATORY TRACT INFECTIONS MSN HS-MED MEDICINE (133-G911)	8,100.00
113.	MULTIPLE DONORS ROLE OF REACTIVE OXYGEN METABOLITES IN CELL DIVISION MSN HS-MED PATHOL & LAB MED ANAT PATH (133-G991)	5.00
114.	GLAXO, INC. RESEARCH TRIANGLE PARK, NC COMPARATIVE PATIENT PREFERENCE STUDY OF THREE NASAL ADAPTERS FOR BECONASE NASAL SPRAY MSN HS-MED MEDICINE ALLRGY&IMM (133-G994)	5,650.00
115.	AFSCME COUNCIL 24, AFL-CIO MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 03-12-84 THRU 12-31-84 AT A \$7,867.98 LEVEL MSN L&S IND REL RES INST (133-G995)	5,480.00

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116.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA SUPERCONDUCTIVITY MAGNETIC ENERGY STORAGE: BASIC R & D FOR THE PERIOD 02-01-84 THRU 01-31-85 AWARD # RP2572-2 MSN ENGR ENGR EXPER STA SUPRCONDCT (133-H018)	223,032.00
117.	SERONO LABORATORIES, INC. RANDOLPH, MA CLINICAL TRIAL OF INVESTIGATIONAL DRUG STILAMIN SERONO (SOMATOSTATIN) MSN HS-MED SURGERY GEN SURG (133-H035)	20,385.00
118.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC CATION ORDERING IN LAYER SILICATE MATERIALS FOR THE PERIOD 09-01-84 THRU 08-31-86 AWARD # PRF #15932-AC2-C MSN L&S GEOL & GEOPHYSICS (133-H048)	34,000.00
119.	FORD FOUNDATION NEW YORK, NY INTEGRATION OF GENDER CONCERNS INTO DEVELOPMENT CURRICULA FOR THE PERIOD 04-01-84 THRU 03-31-85 AWARD # 845-0411 MSN L&S WOMEN'S STUDIES (133-H050)	50,000.00
120.	MULTIPLE DONORS WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY (133-H072)	500.00
121.	BUTTERWORTH HOSPITAL GRAND RAPIDS, MI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 05-29-84 THRU 08-12-84 MSN HS-MED MEDICAL PHYSICS (133-H084)	1,876.41
122.	GULF RESEARCH & DEVELOPMENT COMPANY PITTSBURGH, PA ISOLATION AND CHARACTERIZATION OF HALOANAEROBES FOR USE IN MICROBIAL ENHANCED OIL RECOVERY MSN AG&LSC BACTERIOLOGY (133-H092)	85,800.00
123.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI EXPANDED APPLIED RESEARCH PROGRAM DIRECTED TOWARD IMPROVEMENT OF THE WISCONSIN CRANBERRY INDUSTRY MSN AG&LSC HORTICULTURE (133-H110)	4,045.00
124.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI EXPANDED APPLIED RESEARCH PROGRAM DIRECTED TOWARD IMPROVEMENT OF THE WISCONSIN CRANBERRY INDUSTRY MSN AG&LSC HORTICULTURE (133-H111)	13,489.00

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125.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI EXPANDED APPLIED RESEARCH PROGRAM DIRECTED TOWARD IMPROVEMENT OF THE WISCONSIN CRANBERRY INDUSTRY MSN AG&LSC HORTICULTURE (133-H112)	9,514.00
126.	DANE COUNTY PARK COMMISSION MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-01-84 THRU 12-31-84 AWARD # AGREEMENT NO. 10241 MSN AG&LSC NAT RSRCS- ADMIN (133-H113)	8,210.56
127.	ASSOCIATION OF AVIAN VETERINARIANS E. NORTHPORT, NY EVIDENCE OF DISEASE IN BIRD COMMUNITIES ALONG AN ALTITUDINAL GRADIENT IN A TROPICAL RAINFOREST IN COSTA RICA MSN AG&LSC VETERINARY SCI (133-H115)	3,150.00
128.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATURAL HISTORY COUNCIL AWARD MSN L&S BOTANY (133-H116)	550.00
129.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATURAL HISTORY COUNCIL AWARD MSN L&S ZOOLOGY (133-H117)	200.00
130.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATURAL HISTORY COUNCIL AWARD MSN L&S ZOOLOGY (133-H118)	400.00
131.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATURAL HISTORY COUNCIL AWARD MSN L&S ZOOLOGY (133-H119)	2,000.00
132.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATURAL HISTORY COUNCIL AWARD MSN L&S BOTANY (133-H120)	1,000.00
133.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATURAL HISTORY COUNCIL AWARD MSN L&S BOTANY (133-H121)	200.00
134.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATURAL HISTORY COUNCIL AWARD MSN L&S BOTANY (133-H122)	1,500.00

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135.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATURAL HISTORY COUNCIL AWARD MSN L&S BOTANY	(133-H123)	845.00
136.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATURAL HISTORY COUNCIL AWARD MSN L&S GEOL & GEOPHYSCS	(133-H124)	2,000.00
137.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY ISOLATION AND CHARACTERIZATION OF HUMAN LYSOSOMAL ENZYME GENES FOR THE PERIOD 04-01-84 THRU 03-31-85 AWARD # 6-408 MSN HS-MED GENET CLIN PROG	(133-H128)	25,000.00
138.	GLAXO INC. RESEARCH TRIANGLE PARK, NC SINGLE DOSE, DOUBLE BLIND, PLACEBO-CONTROLLED CROSSOVER STUDY OF THE EFFICACY OF ALBUTEROL AEROSOL AGAINST EXERCISE-INDUCED BRONCHOSPASM IN TRAINED ATHLETES MSN HS-MED MEDICINE ALLRGY&IMM	(133-H129)	6,270.00
139.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW FUND RESEARCH SUPPORT MSN GRAD AGR & LIFE SCI BIOCHEM	(133-H190)	35,000.00
140.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW FUND RESEARCH SUPPORT MSN GRAD AGR & LIFE SCI VET SCI	(133-H191)	35,000.00
141.	ARCO EXPLORATION COMPANY DALLAS, TX STUDENT RESEARCH MSN L&S GEOL & GEOPHYSCS	(133-H192)	3,400.00
142.	WISC DEPT OF NATURAL RESOURCES MADISON, WI FOREST NURSERY SOIL FERTILITY FOR THE PERIOD 07-01-84 THRU 06-30-85 MSN AG&LSC SOIL SCIENCE	(133-H193)	18,862.00
143.	NAUTILUS RESEARCH CORPORATION MADISON, WI AN EVALUATION OF STOOL CHARACTERISTICS OF TWO DOSAGE REGIMENS OF A NEW BULK LAXATIVE VS. PLACEBO IN NORMAL HEALTHY HUMAN VOLUNTEERS MSN HS-MED MEDICINE GASTROENT	(133-H206)	8,000.00
144.	SCHERING CORPORATION KENILWORTH, NJ USE OF A NEW ANTIHISTAMINE (SCH 29851) IN TREATMENT OF ALLERGIC RHINITIS MSN HS-MED MEDICINE ALLRGY&IMM	(133-H207)	9,245.50

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145.	MULTIPLE DONORS ELECTRIC POWER SYSTEM RESEARCH MSN ENGR ENGR EXPER STA EL&COMPUT (133-H209)	700.00
146.	GILMAN ENGINEERING, INC. JANESVILLE, WI MICRO/CAM CONSORTIUM MSN ENGR ENGR EXPER STA INDUS ENGR (133-H210)	7,500.00
147.	CIBA-GEIGY SUMMIT, NJ GENERAL RESEARCH MSN HS-PSY PSYCHIATRIC INST (133-H211)	15,000.00
148.	MULTIPLE DONORS DEFRAY COST OF PURCHASE OF MICROWAVE OVEN FOR DEPARTMENT MSN L&S SPANISH & PORT (133-H212)	50.00
149.	FORT HOWARD PAPER COMPANY GREEN BAY, WI ADVANCED AUTOMATION AND ROBOTICS RESEARCH CONSORTIUM MSN ENGR ENGR EXPER STA MECH ENGR (133-H213)	10,000.00
150.	DERSE & SCHROEDER ASSOCIATES, LTD. MADISON, WI PHASE IV OPEN, RANDOMIZED STUDY OF PERDIEM R VERSUS METAMUCIL VERSUS PLACEBO IN CHRONICALLY CONSTIPATED ADULTS MSN HS-MED PEDIATRICS (133-H214)	4,740.00
151.	AARP ANDRUS FOUNDATION WASHINGTON, DC FAMILIARIZING OLDER PEOPLE WITH AN UNKNOWN BUILDING VIA VICARIOUS ENVIRONMENTAL INFORMATION FOR THE PERIOD 07-01-84 THRU 06-30-85 MSN GRAD INST-AGING&ADULT (133-H215)	40,000.00
152.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 04-01-84 THRU 04-30-84 MSN GRAD WATER RESOURCES (133-H216)	597.00
153.	GLOBAL POSITIONING SYSTEM EXPERIMENT MSN ENGR ENGR EXPER STA CIVIL&ENV (133-H219)	
	300.00 MADISON AREA SURVEYOR'S COUNCIL MADISON, WI	
	3,000.00 WISC DEPT OF TRANSPORTATION MADISON, WI	
		3,300.00

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154.	NATIONAL PORK PRODUCERS COUNCIL DES MOINES, IA ROLE OF TOXIN-PRODUCING PASTEURELLA MULTOCIDA AS AN INTENSIFIER OF ATROPHIC RHINITIS IN SWINE MSN VET M MEDICAL SCIENCES (133-H220)	5,000.00
155.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY REGULATION OF ANTICANCER DRUG ACTIVATION FOR THE PERIOD 07-01-84 THRU 06-30-86 AWARD # CH-297 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-H221)	118,124.00
156.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY AMERICAN CANCER SOCIETY INSTITUTIONAL RESEARCH GRANT FOR THE PERIOD 07-01-84 THRU 06-30-85 AWARD # IN-35Y MSN HS-MED ONCOLOGY (133-H222)	65,000.00
157.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-84 THRU 06-30-85 MSN L&S SLAVIC LANGUAGES (133-H223)	11,500.00
158.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-84 THRU 06-30-85 MSN L&S COMMUN ARTS (133-H224)	9,897.00
159.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-84 THRU 06-30-85 MSN L&S COMPARATIVE LIT (133-H225)	9,239.68
160.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-84 THRU 06-30-85 MSN L&S HISTORY (133-H226)	11,500.00
161.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-84 THRU 06-30-85 MSN L&S PHILOSOPHY (133-H227)	11,500.00
162.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VLAS ASSOCIATE FOR THE PERIOD 07-01-84 THRU 06-30-85 MSN EDUC ART (133-H228)	10,811.36

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163.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-84 THRU 06-30-85 MSN L&S ENGLISH	(133-H229)	9,286.06
164.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-84 THRU 06-30-85 MSN L&S FRENCH & ITALIAN	(133-H230)	11,500.00
165.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-84 THRU 06-30-85 MSN L&S SPANISH & PORT	(133-H231)	9,867.26
166.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS ASSOCIATE FOR THE PERIOD 07-01-84 THRU 06-30-85 MSN L&S AFRIC LANG & LIT	(133-H232)	10,903.87
167.	MULTIPLE DONORS PEDIATRIC CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-H233)	25.00
168.	AMERICAN FARM PRODUCTS YPSILANTI, MI DRY MATTER, PRESERVATIVE AND PACKAGE TYPE EFFECTS ON FIELD AND STORAGE LOSSES OF ALFALFA HAY MSN AG&LSC AGRONOMY	(133-H234)	8,770.54
169.	NATIONAL WILD TURKEY FEDERATION, INC. EDGEFIELD, SC EFFECTS OF TWO NEW BLOOD PROTOZOANS ON RIO GRANDE WILD TURKEYS FOR THE PERIOD 05-17-84 THRU 12-31-87 MSN AG&LSC VETERINARY SCI	(133-H237)	3,000.00
170.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY STRUCTURE, SYNTHESIS AND ASSEMBLY OF PICORNAVIRUSES FOR THE PERIOD 07-01-84 THRU 06-30-85 AWARD # MV-33N MSN GRAD BIOPHYSICS	(133-H248)	95,400.00
171.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-04-84 THRU 08-10-84 AWARD # 84-1 MARQUARDT MSN AG&LSC NAT RSRCs- ADMIN	(133-H249)	1,340.00

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172.	<p>WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-11-84 THRU 08-12-84 AWARD # 84-1 NELSON MSN AG&LSC NAT RSRCS- ADMIN</p>	(133-H250)	1,340.00
173.	<p>WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-04-84 THRU 08-15-84 AWARD # 84-1 BEYER MSN AG&LSC NAT RSRCS- ADMIN</p>	(133-H251)	1,340.00
174.	<p>WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-04-84 THRU 08-10-84 AWARD # 84-5 LUKAS MSN AG&LSC NAT RSRCS- ADMIN</p>	(133-H252)	1,340.00
175.	<p>WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-11-84 THRU 08-17-84 AWARD # 84-1 EBERHARDT MSN AG&LSC NAT RSRCS- ADMIN</p>	(133-H253)	1,340.00
176.	<p>WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-21-84 THRU 08-10-84 AWARD # 84-1 MEYER MSN AG&LSC NAT RSRCS- ADMIN</p>	(133-H254)	1,608.00
177.	<p>WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-21-84 THRU 08-10-84 AWARD # 84-1 ORMONT MSN AG&LSC NAT RSRCS- ADMIN</p>	(133-H255)	1,608.00
178.	<p>CHILDS (JANE COFFIN) MEMORIAL FUND NEW HAVEN, CT POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-84 THRU 06-30-86 AWARD # PROJECT NO. 61-682 MSN HS-MED ONCOLOGY</p>	(133-H256)	35,000.00
179.	<p>VICKS HEALTH CARE RESEARCH AND DEVELOPMENT RICHARDSON-VICKS, INC. SHELTON, CT GASTROINTESTINAL AND RESPIRATORY MUCIN TURNOVER AND INTERACTION WITH INORGANIC AND ORGANIC SOLUTES RESEARCH MSN HS-PHR PHARMACY</p>	(133-H257)	86,834.00

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180.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY CHARACTERIZATION AND CLINICAL APPLICATION OF HUMAN ANTILEUKEMIC LYMPHOCYTES FOR THE PERIOD 07-01-84 THRU 06-30-85 AWARD # CH-237A MSN HS-MED HUMAN ONCOLOGY	(133-H258)	93,750.00
181.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-21-84 THRU 08-31-84 AWARD # 84-1 DITTMAR MSN ENGR ADMINISTRATION	(133-H260)	4,100.00
182.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-27-84 THRU 08-18-84 AWARD # 84-1 FERGUSON MSN ENGR ADMINISTRATION	(133-H261)	2,400.00
183.	PROCTER & GAMBLE COMPANY CINCINNATI, OH INTERFACIAL DYNAMICS OF POLYMERS BY QUASI-ELASTIC LIGHT SCATTERING MSN L&S CHEMISTRY	(133-H262)	150,000.00
184.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-13-84 THRU 07-21-84 AWARD # 84-1 LEE MSN AG&LSC NAT RSRCS- ADMIN	(133-H263)	1,340.00
185.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-22-84 THRU 08-11-84 AWARD # 84-1 CARY MSN AG&LSC NAT RSRCS- ADMIN	(133-H264)	1,608.00
186.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI PREDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-84 THRU 06-30-85 AWARD # 84-FA-14 MSN HS-MED PREVENTIVE MED	(133-H265)	5,292.00
187.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-11-84 THRU 08-31-84 AWARD # 84-1 HINDES MSN AG&LSC NAT RSRCS- ADMIN	(133-H266)	1,608.00

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188.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HENRY-BASCOM PROFESSORSHIP IN PHYSICAL EDUCATION AND DANCE MSN EDUC PHYS ED & DANCE	(133-H268)	5,000.00
189.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VAUGHN-BASCOM PROFESSORSHIP IN PLANT PATHOLOGY MSN AG&LSC PLANT PATHOLOGY	(133-H269)	3,500.00
190.	NELSON INDUSTRIES, INC. STOUGHTON, WI UNRESTRICTED RESEARCH GRANT MSN L&S CHEMISTRY	(133-H273)	800.00
191.	LILLY (ELI) AND COMPANY INDIANAPOLIS, IN PREVENTION OF ULCER WITH LONG-TERM PLACEBO OF NIZATIDINE MSN HS-MED MEDICINE GASTROENT	(133-H275)	11,600.00
192.	MULTIPLE DONORS IN MEMORY OF LINDA CONNORS PEDIATRIC PULMONARY CAPITAL FUND MSN HS-MED PEDIATRICS	(133-H276)	1,434.55
193.	GRANT (WILLIAM T) FOUNDATION NEW YORK, NY COMPARISON OF COGNITIVE-BEHAVIORAL AND CONTINGENCY MANAGEMENT INTERVENTIONS FOR THE TREATMENT OF SOCIALY REJECTED ELEMENTARY-AGE BOYS: AN EXTENDED FOLLOW-UP FOR THE PERIOD 08-01-84 THRU 05-31-85 MSN EDUC EDUC PSYCHOLOGY	(133-H279)	12,060.00
194.	LITTON INSTITUTE OF APPLIED BIOTECHNOLOGY KENSINGTON, MD SPECIFIC IMMUNOTHERAPY OF CANCER - EST 8253 MSN HS-MED SURGERY GEN SURG	(133-H280)	27,000.00
195.	GENERAL MOTORS CORPORATION WARREN, MI THEORETICAL AND EXPERIMENTAL STUDY OF AN ACCUMULATOR ENERGY-STORAGE SYSTEM FOR AN AUTOMOBILE FOR THE PERIOD 04-01-84 THRU 03-31-86 MSN ENGR ENGR EXPER STA MECH ENGR	(133-H281)	98,730.00
196.	FIGHT FOR SIGHT, INC. BALTIMORE, MD COLLAGEN-GLYCOSAMINOGLYCAN BIOPOLYMER MEMBRANES IN EYELID RECONSTRUCTION FOR THE PERIOD 07-01-84 THRU 06-30-85 AWARD # GA84-025 MSN HS-MED OPHTHALMOLOGY	(133-H282)	7,300.00

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197.	WISC DEPT OF NATURAL RESOURCES MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 06-04-84 THRU 08-31-84 MSN L&S LIBRARY SCHOOL (133-H284)	1,725.00
198.	SPENCER FOUNDATION CHICAGO, IL SOCIAL HISTORY OF THE AMERICAN READING PUBLIC, 1880-1980 FOR THE PERIOD 09-01-84 THRU 08-31-86 MSN EDUC WIS CTR EDUC RES (133-H287)	107,350.00
199.	VILAS (WILLIAM F) TRUST ESTATE MADISON, WI VILAS RESEARCH PROFESSORSHIP IN BACTERIOLOGY MSN AG&LSC BACTERIOLOGY (133-H288)	25,000.00
200.	GETTY SYNTHETIC FUELS, INC. SIGNAL HILL, CA GAS GENERATION FROM DECOMPOSITION OF WASTE MSN ENGR ENGR EXPER STA CIVIL&ENV (133-H289)	11,000.00
201.	GETTY SYNTHETIC FUELS, INC. SIGNAL HILL, CA DESIGN OF LANDFILLS STUDY MSN ENGR ENGR EXPER STA CIVIL&ENV (133-H290)	2,000.00
202.	ECHO LAKE FARM PRODUCE, INC. BURLINGTON, WI CONTINUOUS PRODUCTION OF COOKED EGG PRODUCTS MSN AG&LSC FOOD SCIENCE (133-H291)	9,000.00
203.	NORTHWESTERN UNIVERSITY EVANSTON, IL PARTIAL PUBLICATION SUPPORT FOR "MONATSHEFTE OCCASIONAL VOLUMES" MSN GRAD U W PRESS (133-H292)	5,000.00
204.	BUSH FOUNDATION ST. PAUL, MN BUSH CLINICAL FELLOWS PROGRAM MSN HS-MED PREVENTIVE MED (133-H293)	1,130.00
205.	WISC DEPT OF ADMINISTRATION MADISON, WI HIGH RATE ANAEROBIC DIGESTION OF POULTRY MANURE FOR THE PERIOD 06-29-84 THRU 06-30-85 AWARD # 84027 MSN ENGR ENGR EXPER STA CIVIL&ENV (133-H295)	9,500.00
206.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC CONVECTIVE MASS TRANSFER FOR THE PERIOD 05-01-84 THRU 08-31-86 AWARD # PRF #15850-AC5 MSN ENGR ENGR EXPER STA CHEM ENGR (133-H296)	35,000.00

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207.	WISC DEPT OF ADMINISTRATION MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 05-29-84 THRU 08-26-84 MSN L&S PUBL POL&ADM RES (133-H302)	3,231.00
208.	AMERICAN DIABETES ASSOCIATION WISCONSIN AFFILIATE, INC. MILWAUKEE, WI GLOMERULAR HYPERFILTRATION AND DIABETIC NEPHROPATHY MSN HS-MED MEDICINE NEPHROLOGY (133-H304)	5,000.00
209.	MAYO FOUNDATION ROCHESTER, MN DEVELOPMENT OF A CANINE ENDOBRONCHIAL TUMOR MODEL MSN VET M MEDICAL SCIENCES (133-H305)	2,000.00
210.	NATIONAL DAIRY COUNCIL ROSEMONT, IL ELIMINATION OF ALFATOXIN M1 IN MILK FOR THE PERIOD 07-01-84 THRU 06-30-85 MSN AG&LSC FOOD SCIENCE (133-H307)	16,000.00
211.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI HMO EVALUATION AND QUALITY ASSURANCE FOR THE PERIOD 05-15-84 THRU 11-15-84 AWARD # P.O. #FAD 70293 MSN HS-ADM ADMINISTRATION (133-H308)	25,077.00
212.	MULTIPLE DONORS PHYSICAL THERAPY PROGRAM MSN HS-A H PHYSICAL THERAPY (133-H313)	100.00
213.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-18-84 THRU 08-10-84 AWARD # 84-1 PETCHENIK MSN AG&LSC NAT RSRCS- ADMIN (133-H314)	1,600.00
214.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-84 THRU 06-30-85 AWARD # 84-FA-10 MSN GRAD MOLECULAR BIOL (133-H317)	14,040.00
215.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF CHEMISTRY GRANT-IN-AID MSN L&S CHEMISTRY (133-0878)	35,000.00
216.	STUDY OF BASIC AND CLINICAL ASPECTS OF EXPERIMENTAL FLUORINE TOXICOSIS MSN AG&LSC BIOCHEMISTRY (133-3220)	
	4,000.00 AMAX CHEMICAL CORPORATION LAKELAND, FL	
	4,000.00 OCCIDENTAL CHEMICAL COMPANY HOUSTON, TX	
	4,000.00 INTERNATIONAL MINERALS & CHEMICAL CORPORATION MUNDELEIN, IL	

12,000.00

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RESEARCH

217.	MULTIPLE DONORS LEUKEMIA RESEARCH-DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-3535)	133.34
218.	PROCTER & GAMBLE COMPANY CINCINNATI, OH SUPPORT RESEARCH IN THE DEPARTMENT OF BIOCHEMISTRY MSN AG&LSC BIOCHEMISTRY	(133-3678)	8,000.00
219.	PROMEGA BIOTEC MADISON, WI 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)	1,000.00
220.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	
	500.00	MULTIPLE DONORS	
	2,000.00	CIBA-GEIGY CORPORATION GREENSBORO, NC	
	5,000.00	STAUFFER CHEMICAL COMPANY MOUNTAIN VIEW, CA	
	1,000.00	CHEVRON CHEMICAL COMPANY RICHMOND, CA	
	5,300.00	DOW CHEMICAL USA ROLLING MEADOWS, IL	
	700.00	MULTIPLE DONORS	
	4,500.00	AMERICAN HOECHST CORPORATION SOMERVILLE, NJ	
	3,500.00	MONSANTO COMPANY ST. LOUIS, MO	
	1,000.00	BASF WYANDOTTE CORPORATION PARSIPPANY, NJ	
	2,000.00	ZOECON CORPORATION PALO ALTO, CA	
			25,500.00
221.	STUDY OF THE DEVELOPMENT OF IMPROVED SOIL AND WATER MANAGEMENT SYSTEMS FOR SLOPING LAND IN THE UPPER MISSISSIPPI VALLEY MSN AG&LSC EXPERIMNT STATNS	(133-5139)	
	6,000.00	IOWA AGRICULTURAL EXPERIMENT STATION AMES, IA	
	3,000.00	MINNESOTA AGRICULTURAL EXPERIMENT STATION ST. PAUL, MN	
			9,000.00
222.	MULTIPLE DONORS SUPPORT RESEARCH AND DEVELOPMENT CENTER FOR LEARNING AND RE-EDUCATION MSN EDUC WIS CTR EDUC RES	(133-5613)	33.49

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RESEARCH

223.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED	(133-5671)	25.00
224.	TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY	(133-6855)	
	1,250.00	MULTIPLE DONORS	
	2,600.00	BASF WYANDOTTE CORPORATION PARSIPPANY, NJ	
	4,000.00	ABBOTT LABORATORIES NORTH CHICAGO, IL	
	3,500.00	FMC CORPORATION OMAHA, NB	
			11,350.00
225.	SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	
	500.00	MULTIPLE DONORS	
	1,000.00	LOVELAND INDUSTRIES, INC. LOVELAND, CO	
	1,500.00	AMERICAN HOECHST CORPORATION SOMERVILLE, NJ	
	1,000.00	MULTIPLE DONORS	
	2,000.00	MONSANTO COMPANY ST. LOUIS, MO	
	500.00	MULTIPLE DONORS	
	4,050.00	BASF WYANDOTTE CORPORATION PARSIPPANY, NJ	
	2,500.00	FMC CORPORATION OMAHA, NB	
			13,050.00
226.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC DEPARTMENT OF GEOLOGY AND GEOPHYSICS CHAIRMAN'S DISCRETIONARY GRANT MSN L&S GEOL & GEOPHYSICS	(133-7395)	1,000.00
227.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI INVESTIGATION OF THE EFFECT OF AGLIME ON SOILS & THE PRODUCTION OF CROPS MSN AG&LSC SOIL SCIENCE	(133-8123)	10,331.03
228.	GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-8218)	
	750.00	MULTIPLE DONORS	
	1,800.00	DU PONT (E I) DE NEMOURS & COMPANY WILMINGTON, DE	
	1,000.00	CIBA-GEIGY CORPORATION GREENSBORO, NC	
			3,550.00

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RESEARCH

229.	MULTIPLE DONORS HERBICIDE RESEARCH PROGRAM MSN AG&LSC AGRONOMY	(133-9070)	500.00
230.	FALK CORPORATION MILWAUKEE, WI STUDY DYNAMIC NON-LINEAR STIFFNESS CHARACTERISTICS OF GEAR TEETH MSN ENGR ENGR EXPER STA MECH ENGR	(133-9335)	7,500.00
231.	WISCONSIN ELECTRIC SYSTEM FOUNDATION, INC. MILWAUKEE, WI SUPPORT IN THE FIELD OF NUCLEAR MEDICINE MSN HS-MED RADIOLOGY	(133-9482)	2,500.00
232.	MULTIPLE DONORS WISCONSIN AGRONOMY CORN GENETICS RESEARCH FUND MSN AG&LSC AGRONOMY	(133-9931)	100.71

STUDENT AID

1.	HINRICHS, JOHN F MENOMONEE FALLS, WI AMERICAN WELDING ASSOCIATION MSN ENGR MECHANICAL ENGR	(LOANS)	15.00
2.	STANDARD OIL COMPANY HAGENAH, WILLIAM HAGENAH, WILLIAM J.--DEBATE AWARDS MSN L&S COMMUN ARTS	(TRUST)	37.50
3.	CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN DENNE TRUST SCHULTE, HELEN DENNE--LOAN FUND MSN HS-NUR	(TRUST)	6,524.69
4.	CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN DENNE TRUST SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	(TRUST)	6,524.68
5.	RILEY, ALICE R. WHITEFISH BAY, WI SOLALINDE, ANTONIO G.--SCHOLARSHIP MSN L&S SPANISH & PORT	(TRUST)	30.00
6.	ANONYMOUS DONOR BUNGE, HELEN L.--SCHOLARSHIP MSN HS-NUR	(TRUST)	2,000.00
7.	DUKELOW, LESTER N. ESTATE CLEVELAND, OH GOFF, IRA N.--ENGINEERING PROGRAMS MSN ENGR MET & MIN ENGR	(TRUST)	23.92

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STUDENT AID

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| 8. | PI ALPHA XI - RHO CHAPTER
MADISON, WI
RHO CHAPTER PI ALPHA XI HORTICULTURE
SCHOLARSHIP
MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (TRUST) | 1,000.00 |
| 9. | BARR, LILLIAN WHITTINGHILL EVANSVILLE, IN
FELLOWSHIPS WILL BE AWARDED TO GRADUATE STUDENTS
IN TEACHER EDUCATION. RECIPIENTS WILL BE
SELECTED IN ACCORDANCE WITH DONOR'S WILL.
BARR, ARVIL S.--GRADUATE FELLOWSHIPS
MSN EDUC GENERAL ADMIN DEANS OFF (TRUST) | 25,000.00 |
| 10. | EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
FOR THE PERIOD 07-01-83 THROUGH 06-30-84
AT A TOTAL COST OF \$5,870,819.00
AWARD # PO08402947, MOD. 2
MSN G SERV FELLOWS & SCHOLS (148-A084) | 470,819.00 |
| 11. | MILLER FOUNDATION
MARSHFIELD, WI
UNDERGRADUATE SCHOLARSHIPS IN AGRICULTURE
MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-A352) | 8,000.00 |
| 12. | MILLER FOUNDATION
MARSHFIELD, WI
FARM AND INDUSTRY SHORT COURSE
MSN AG&LSC ACAD STU AFF ADM SH CRS SCH (133-A353) | 2,000.00 |
| 13. | UNIVERSITY LEAGUE, INC.
MADISON, WI
SCHOLARSHIPS IN THE COLLEGE OF AGRICULTURAL
AND LIFE SCIENCES
MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-B489) | 700.00 |
| 14. | UNIVERSITY LEAGUE, INC.
MADISON, WI
SCHOOL OF MUSIC SCHOLARSHIP
MSN L&S SCHOOL OF MUSIC (133-B501) | 1,000.00 |
| 15. | UNIVERSITY LEAGUE, INC.
MADISON, WI
SCHOOL OF EDUCATION UNDERGRADUATE
SCHOLARSHIP PROGRAM
MSN EDUC GENERAL ADMIN DEANS OFF (133-D084) | 700.00 |
| 16. | UNIVERSITY LEAGUE, INC.
MADISON, WI
UNIVERSITY LEAGUE SCHOLARSHIP FOR COLLEGE
OF ENGINEERING
MSN ENGR (133-D091) | 700.00 |
| 17. | BOEING COMPANY
SEATTLE, WA
SCHOLARSHIP IN ELECTRICAL OR MECHANICAL
ENGINEERING
MSN ENGR (133-D820) | 2,000.00 |

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STUDENT AID

18.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP MSN HS-A H ADMINISTRATION	(133-E081)	700.00
19.	ROSSBACH (JACOB) SCHOLARSHIP FUND MENOMONEE FALLS, WI UNDERGRADUATE SCHOLARSHIP MSN HS-PHR PHARMACY	(133-F367)	2,189.61
20.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC	(133-F595)	700.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR ENGR EXPER STA CHEM ENGR	(133-F608)	1,500.00
22.	UW BADGER CROPS AND SOILS CLUB MADISON, WI UW BADGER CROPS AND SOILS CLUB SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-F789)	200.00
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SOHIO FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR ENGR EXPER STA CHEM ENGR	(133-G470)	2,000.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SPECIAL SUMMER PROGRAMS SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN SUMR SCHOL	(133-G930)	7,100.00
25.	WISCONSIN FEDERATION OF WOMEN'S CLUBS SLINGER, WI SCHOLARSHIP FOR WOMAN IN TRAFFIC SAFETY MSN EDUC CURRIC & INSTR	(133-H114)	500.00
26.	UNIVERSITY LEAGUE, INC. MADISON, WI DOROTHY R. SEARLES MEMORIAL SCHOLARSHIP MSN L&S ADMINISTRATION	(133-H309)	1,200.00
27.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP MSN L&S ADMINISTRATION	(133-H310)	700.00
28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JAMES D. SHAW AND DOROTHY SHAW - MILWAUKEE FOUNDATION MEMORIAL SCHOLARSHIP MSN LAW LAW SCHOOL	(133-0025)	6,000.00

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STUDENT AID

29.	SCHOOL OF PHARMACY UNDERGRADUATE SCHOLARSHIP FUND MSN HS-PHR PHARMACY (133-1078)	50.00 MULTIPLE DONORS 1,700.00 UNIVERSITY LEAGUE, INC. MADISON, WI 100.00 MULTIPLE DONORS	1,850.00
30.	NORTHWESTERN MUTUAL LIFE INSURANCE COMPANY MILWAUKEE, WI SCHOLARSHIP IN ACTUARIAL SCIENCE MSN BUS SCH OF BUSINESS (133-1085)		3,750.00
31.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN DEANS DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS (133-3633)		2,500.00
32.	ALCOA FOUNDATION PITTSBURGH, PA MECHANICAL ENGINEERING SCHOLARSHIPS MSN ENGR MECHANICAL ENGR (133-3991)		1,200.00
33.	WISCONSIN NATIONAL LIFE INSURANCE COMPANY OSHKOSH, WI COOPERATING LIFE INSURANCE COMPANIES SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-4436)		1,000.00
34.	PROCTER & GAMBLE COMPANY CINCINNATI, OH GRADUATE FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY (133-4944)		8,000.00
35.	BRADISH (NORMAN C) TRUST WINTER PARK, FL MAX CARL OTTO PHILOSOPHY SCHOLARSHIP MSN L&S PHILOSOPHY (133-5161)		2,500.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EVANS P. HELFAER UNDERGRADUATE SCHOLARSHIP IN CHEMISTRY MSN L&S CHEMISTRY (133-5989)		2,000.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT ARTS ADMINISTRATION PROGRAM OF THE GRADUATE SCHOOL OF BUSINESS MSN BUS SCH OF BUSINESS (133-6975)		10,000.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DENNIS AND MARTHA WHARTON FELLOWSHIP IN BIOCHEMISTRY MSN AG&LSC BIOCHEMISTRY (133-7127)		3,324.32

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STUDENT AID

39.	WISCONSIN SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS MADISON, WI UNDERGRADUATE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-7606)	200.00
40.	UNIVERSITY OF WISCONSIN POULTRY SCIENCE CLUB MADISON, WI UNDERGRADUATE SCHOLARSHIP TO STUDENT IN POULTRY SCIENCE MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-7895)	850.00
41.	NICKERSON (FRANK AND ESTHER RHEA) MEMORIAL SCHOLARSHIP TRUST MADISON, WI FRANK AND ESTHER RHEA NICKERSON MEMORIAL SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-8354)	2,065.57
42.	MULTIPLE DONORS UNDERGRADUATE ACTUARIAL SCHOLARSHIP FUND-HIGH SCHOOL SCHOLARSHIP PROGRAM MSN BUS SCH OF BUSINESS (133-8377)	670.00
43.	WISCONSIN ASSOCIATION OF VOCATIONAL AGRICULTURE INSTRUCTORS, INC. MADISON, WI UNDERGRADUATE SCHOLARSHIP IN AGRICULTURE MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-8600)	200.00
44.	MINERALS INDUSTRY EDUCATIONAL FOUNDATION NEW YORK, NY SCHOLARSHIP AND RECRUITMENT IN METALLURGICAL AND MINERAL ENGINEERING MSN ENGR MET & MIN ENGR (133-8625)	2,000.00
45.	SCHOOL OF NURSING SCHOLARSHIP FUND MSN HS-NUR (133-8872)	
	700.00 MULTIPLE DONORS 2,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
		2,700.00

UNRESTRICTED

1.	JENSEN, J. MICHAEL CINCINNATI, OHIO MADISON CHANCELLOR'S SPECIAL FUND MSN G E A (TRUST)	50.00
2.	PHILLIPS PETROLEUM COMPANY BARTLESVILLE, OK UNRESTRICTED GRANT MSN ENGR ADMINISTRATION (133-D585)	2,500.00

TOTAL MADISON 19,667,041.13
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INSTRUCTION	1,502,015.50
LIBRARIES	418,798.60
MISCELLANEOUS	308,222.27
PHYSICAL PLANT	112,840.00
RESEARCH	16,727,940.47
STUDENT AID	594,674.29
UNRESTRICTED	2,550.00

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GIFT-IN-KIND

1. ARTHUR GRANICK
WEEHAWKEN, NJ
GIFT OF UNTITLED DRAWING, BY JENNINGS TOFEL
DONATED TO THE SCHOOL OF FINE ARTS, UNIVERSITY
ART MUSEUM
AWARD # NONE
MIL F ARTS UNIV ART MUSEUM

INSTRUCTION

1. WISCONSIN DIVISION OF VOCATIONAL REHABILITATION
MADISON, WI
PRIME CONTRACTOR WITH DHHS OHDS
ENHANCING SUPPORT SERVICES FOR HEARING IMPAIRED
STUDENTS
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
MIL AC AFF STU ACAD SUPPORT (144-U603) 25,625.00
2. DHHS, PHS, HEALTH RESOURCES ADMINISTRATION
ROCKVILLE, MD
DEVELOPMENT PROJECT FOR PH.D. IN NURSING
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 5 D23 NU00350-02STC
MIL NURS HLTH RESTORATION (144-U518) 180,426.00
3. WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH LABOR
YOUTH EMPLOYMENT COMPETENCY TESTS AND CURRICULA
FOR THE PERIOD 04-01-84 THROUGH 06-30-84
MIL URBN O ADMINISTRATION ADMIN (144-U517) 10,305.00
4. VILLA CLEMENT NURSING HOME
WEST ALLIS, WI
CLINICAL PRACTICUM IN INSTITUTIONAL LONG-TERM
CARE FOR OLDER ADULTS
MIL NURS NURSING (133-H142) 11,272.00

LIBRARIES

1. TINKEL, DR. AND MRS. ALEXANDER D.
NEW YORK, NY
KOTVIS, DAVID R.--LIBRARY (MILW)
MIL LIBR (TRUST) 100.00

MISCELLANEOUS

1. UIHLEIN TRUST FUND (MILW)
MIL CHAN O CHANCELLORS OFF CHANC OFF (TRUST)
340,408.57 FOLEY & LARDNER
MILWAUKEE, WI
3,000.00 SALE OF UIHLEIN PROPERTY
3318 CORPORATION
MILWAUKEE, WI
EARNEST MONEY-UIHLEIN PROPERTY

343,408.57

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MISCELLANEOUS

2. WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH AGRIC
SUMMER FOOD SERVICE PROGRAM - PRE-COLLEGE CENTER
FOR THE PERIOD 06-18-84 THROUGH 08-10-84
AWARD # 75-9473
MIL AC AFF PRE-COLLEGE CTR (144-U604) 7,463.25
3. EDUCATION, DEPT OF
WASHINGTON, D.C.
VETERANS COST-OF-INSTRUCTION PAYMENTS
FOR THE PERIOD 07-01-83 THROUGH 08-31-84
AWARD # Q008312822
MIL STU AF OFF OF REGISTRAR (144-T526) 142.00
4. FRANKLIN J. MATCHETTE FOUNDATION
SAN ANTONIO, TEXAS
PHILOSOPHY DEPARTMENT SPEAKERS BUREAU
MIL L&S PHILOSOPHY (133-H139) 1,000.00
5. MILWAUKEE COUNTY
MILWAUKEE, WI
BASE II THEATRICAL PRODUCTION
FOR THE PERIOD 03/30/84 THROUGH 10/31/84
MIL URBN O ADMINISTRATION ADMIN (133-H141) 8,400.00
6. VILAS TRUST
MADISON, WI
UW MILWAUKEE: BACH FESTIVAL - 300TH ANNIVERSARY
OF THE BIRTH OF JOHANN SEBASTIAN BACH
FOR THE PERIOD 07/09/84 THROUGH 06/30/85
MIL F ARTS MUSIC (133-H144) 10,200.00

RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) METAL COMPLEXES OF KNOWN ANTITUMOR AGENTS
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 5R01CA22184-06
MIL L&S CHEMISTRY (144-U529) 66,903.00
- 2) DISTRESS CUES DURING FEEDING OF CARDIAC INFANTS
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 1 R01 NU01035-01
MIL NURS HLTH MAINTENANCE (144-U575) 47,693.00
2. STATE HISTORICAL SOCIETY OF WISCONSIN
MADISON, WISCONSIN
REGIONAL ARCHAEOLOGY IN SOUTHEASTERN WISCONSIN:
1984/85
FOR THE PERIOD 06-01-84 THROUGH 07-15-85
AWARD # HSD-2161
MIL L&S ANTHROPOLOGY (144-U526) 16,518.00

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RESEARCH

3. STATE HISTORICAL SOCIETY OF WISCONSIN
MADISON, WISCONSIN
PRIME CONTRACTOR WITH INTER
AZTALAN ARCHAEOLOGICAL SITE ANALYSIS AND
INTERPRETATION
FOR THE PERIOD 06-01-84 THROUGH 07-01-85
AWARD # HSD-2162
MIL L&S ANTHROPOLOGY (144-U574) 4,739.00
4. INTER, BUREAU OF MINES
DENVER, CO
USE OF AUTOMATED RESISTIVITY SYSTEM TO
OBTAIN DATA FOR DEVELOPMENT OF THE AZIMUTHAL
SURVEY TECHNIQUE
FOR THE PERIOD 05-29-84 THROUGH 02-28-85
AWARD # JO245005
MIL L&S GEOL&GEOPH SCI'S GEOL SCI'S (144-U496) 44,308.00
5. JUSTICE, DEPT OF
WASHINGTON, D. C.
REFINEMENT OF PRETRIAL RELEASE SCORING SYSTEM
FOR THE PERIOD 06-04-84 THROUGH 09-30-84
AWARD # OJARS-84-F469
MIL S WELF ADV ST,HUMAN SVC (144-U572) 8,235.00
6. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, D.C.
HISTORICAL STATISTICS OF TRADE AND BALANCE OF
PAYMENTS AND TRANSPORTATION SERVICES IN CHILE:
1840-1985.
FOR THE PERIOD 05-01-84 THROUGH 08-31-86
AWARD # RT-20388-84
MIL L&S ECONOMICS (144-U507) 90,000.00
7. NATIONAL SCIENCE FOUNDATION
WASHINGTON, D.C.
IN SUPPORT OF THE FOLLOWING:
 - 1) DETERMINANTS AND DYNAMICS OF HIGH-TECH MEDICAL
INNOVATIONS IN HOSPITALS
FOR THE PERIOD 05-15-84 THROUGH 04-30-86
AWARD # ISI-8313705
MIL BUS AD MGMNT RESRCH CTR (144-U530) 55,782.00
 - 2) THE STRUCTURE OF SURFACES BY PHOTOELECTRON
DIFFRACTION AND OTHER SURFACE SPECTROSCOPIES
(MATERIALS RESEARCH)
FOR THE PERIOD 06-15-84 THROUGH 05-31-85
AWARD # DMR-8405049
MIL L&S PHYSICS (144-U602) 43,000.00
8. WARZYN ENGINEERING - MILWAUKEE TESTING DIVISION
MILWAUKEE, WI
STRAIN GAGE INSTRUMENTATION
FOR THE PERIOD 12/14/83 THROUGH 04/03/84
AWARD # MC-031984
MIL L&S GEOL&GEOPH SCI'S (133-C667) 175.00

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RESEARCH

9.	UWM FOUNDATION ACT #819 (SMITH KLINE & FRENCH LABORATORIES) MILWAUKEE, WI RESEARCH ON GOLD BIOCHEMISTRY MIL L&S CHEMISTRY	(133-D718)	4,000.00
10.	SHERWIN WILLIAMS CHICAGO, IL SAMPLE ANALYSIS AND CONSULTATION MIL L&S PHYSICS	(133-E596)	600.00
11.	ST. LUKE'S HOSPITAL MILWAUKEE, WI RESEARCH FACILITATION FOR THE PERIOD 06/18/84 THROUGH 05/19/85 MIL NURS HLTH RESTORATION	(133-G370)	26,440.00
12.	THE CHEVRON CHEMICAL CO. RICHMOND, CALIFORNIA UNRESTRICTED RESEARCH OF PETER KOVACIC MIL L&S CHEMISTRY	(133-G394)	700.00
13.	UWM FOUNDATION (HARVEY D. WILMETH) MILWAUKEE, WI DISCRETIONARY USE FOR RESEARCH AND SPECIAL PROJECTS MIL L&S ECONOMIC EDUC	(133-G400)	7,500.00
14.	CAROLINA POWER AND LIGHT RALEIGH, N.C. STUDIES OF SEDIMENTS IN THE ROBINSON RESERVOIR FOR THE PERIOD 05/01/84 THROUGH 04/30/86 AWARD # XT40000010 MIL GRAD GT LKS ST, CTR F GT LKS STU	(133-H130)	52,420.00
15.	WISCONSIN GAS COMPANY MILWAUKEE, WI GUARANTEED SERVICE PLAN CONSUMER STUDY FOR THE PERIOD 06/01/84 THROUGH 08/20/84 MIL S WELF SOC WELFARE ADMN	(133-H140)	8,892.00
16.	VILAS TRUST MADISON, WI VILAS RESEARCH PROFESSOR IN ENGLISH AND COMPARATIVE LITERATURE FOR THE PERIOD 07/01/84 THROUGH 06/30/85 MIL L&S ENGLISH	(133-H143)	25,000.00
17.	WISCONSIN LUNG ASSOCIATION P/C WITH AMERICAN LUNG ASSOCIATION OF WISCONSIN MILWAUKEE, WI THE EFFECT OF CHANGES IN INSPIRATORY VOLUME AND POSTURE ON INTRATHORACIC AND INTRA-ABDOMINAL PRESSURES DURING GRADED VALSALVA MANEUVERS FOR THE PERIOD 07/01/84 THROUGH 06/30/85 MIL NURS HLTH RESTORATION	(133-H145)	5,596.43

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

18.	NURSES FOUNDATION OF WISCONSIN MADISON, WI HYSTERECTOMY: PRE- AND POSTOPERATIVE CONCERNS, PERCEPTIONS OF SELF, AND DEPRESSION - A PILOT STUDY FOR THE PERIOD 07/01/84 THROUGH 06/30/85 MIL NURS HLTH RESTORATION (133-H147)	2,300.00
19.	UWM FOUNDATION (VARIOUS) MILWAUKEE, WI SCHOOL OF BUSINESS ADMINISTRATION SEMINAR SERIES MIL BUS AD MGMNT RESRCH CTR (133-H149)	14,954.00
20.	UWM FOUNDATION (VARIOUS) MILWAUKEE, WI SCHOOL OF BUSINESS ADMINISTRATION MIL BUS AD MGMNT RESRCH CTR (133-H150)	34,476.00
21.	AMPCO METAL MILWAUKEE, WI SUBMERGED ARC WELDING OF ALUMINUM BRONZE (DOCTORAL INTERNSHIP PROGRAM) FOR THE PERIOD 01/01/84 THROUGH 06/21/85 MIL ENG&AS MECHANICAL ENGR (133-H152)	15,000.00
	TOTAL MILWAUKEE	1,173,573.25 =====
	INSTRUCTION	227,628.00
	LIBRARIES	100.00
	MISCELLANEOUS	370,613.82
	RESEARCH	575,231.43

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - GREEN BAY

MISCELLANEOUS

1.	SCHOOL SERVICES BUREAU GBY AC AFF SCH SVCS BUREAU	(133-C550)	
	4,210.00	MULTIPLE DONORS	
	1,110.00	SCHOOL DISTRICT OF TIGERTON TIGERTON, WI	
			5,320.00
2.	MULTIPLE DONORS ATHLETICS MEN - GENERAL GBY ATHL ATHLETICS - MEN	(133-E188)	15,000.00
3.	MULTIPLE DONORS MISCELLANEOUS TESTS AND EVALUATION GBY O ED D ADMINISTRATION	(133-F708)	95.00

RESEARCH

1.	GREEN BAY METROPOLITAN SEWERAGE DISTRICT GREEN BAY, WI HYDRODYNAMIC AND WATER QUALITY MODELING IN LOWER GREEN BAY AT A \$63,637 LEVEL GBY ENV SC SCI & ENVIR CHG	(133-F218)	19,000.00
2.	WISC DEPT OF DEVELOPMENT TECHNOLOGY DEVELOPMENT FUND MADISON, WI RESOURCE RECOVERY AND PRODUCT DEVELOPMENT VIA BRIQUETTING/AGGLOMERATION FOR THE PERIOD 06-16-84 THRU 06-15-86 AWARD # TDF 1-8 GBY ENV SC SCI & ENVIR CHG	(133-H236)	98,290.00
3.	TIMBERLAND COMPANY NEWMARKET, NH PHYSICAL AND PHYSIOLOGICAL BOOT EVALUATIONS GBY H BIOL HUMAN BIOLOGY	(133-H283)	6,322.00

STUDENT AID

1.	MULTIPLE DONORS SCHOLARSHIP FUND FOR WOMEN ATHLETES GBY ATHL ATHLETICS-WOMEN	(133-D609)	5,000.00
2.	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 GBY ATHL ATHLETICS - MEN	(133-7213)	15,000.00

TOTAL GREEN BAY	164,027.00
	=====

MISCELLANEOUS	20,415.00
RESEARCH	123,612.00
STUDENT AID	20,000.00

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - PARKSIDE

STUDENT AID

1.	WOMAN'S CLUB OF KENOSHA KENOSHA, WI GREENQUIST, KENNETH L.--MEMORIAL SCHOLARSHIPS (PKS) PKS BUS SV FELLOWS & SCHOLS	(TRUST)	25.00
2.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM (REDUCTION IN GRANT FUNDS) FOR THE PERIOD 07-01-82 THROUGH 06-30-83 AT A TOTAL COST OF \$642,544.00 AWARD # PO08303238, MOD. 3 PKS BUS SV FELLOWS & SCHOLS	(148-G083)	6,422.00-
3.	RACINE COUNTY MEDICAL AUXILIARY RACINE, WI SCHOLARSHIPS TO BE AWARDED TO SENIOR, PRE-MEDICAL STUDENTS AT PARKSIDE PKS BUS SV FELLOWS & SCHOLS	(133-A076)	1,025.00
4.	MULTIPLE DONORS MUSIC SCHOLARSHIPS PKS BUS SV FELLOWS & SCHOLS	(133-C489)	234.00
5.	MULTIPLE DONORS DRAMATIC ARTS SCHOLARSHIP FUND PKS SC&SOC FINE ARTS ADMIN	(133-G871)	49.75
	TOTAL PARKSIDE		60,965.18 =====
	MISCELLANEOUS		5,490.43
	PHYSICAL PLANT		41,707.00
	RESEARCH		18,856.00
	STUDENT AID		5,088.25-

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - PLATTEVILLE

GIFT-IN-KIND

1. U.S. BORAX AND CHEMICAL CORPORATION
LOS ANGELES, CA
35MM FILM "DOING IT RIGHT"
PLT ENGR COLLEGE OF ENGR
2. INGERSOLL-RAND COMPANY
PHILLIPSBURG, NJ
1 - JR3000 JACKLEG W/TELESCOPIC LEG
PLT ENGR COLLEGE OF ENGR
3. BP NORTH AMERICA, INC.
NEW YORK, NY
21 PETROLEUM AND ENERGY RELATED FILMS
PLT ENGR COLLEGE OF ENGR
4. GARDNER DENVER
OAK BROOK, IL
52 EA DRILL STEEL AND SHANKS OF VARIOUS SIZES
PLT ENGR COLLEGE OF ENGR
5. DR. WILLIAM HOFFMAN
PLATTEVILLE, WI
1 HOLSTEIN DAIRY HEIFER
PLT AGRIC DEAN OF AGRIC DEAN AGRIC
6. AMAX ENGINEERING AND MANAGEMENT
SERVICES COMPANY
GOLDEN, CO
5 - #5 FLOTATION CELLS
PLT ENGR COLLEGE OF ENGR
7. JOY MANUFACTURING COMPANY
MT. VERNON, IL
16MM FILM "TARGET LOW COST COAL"
PLT ENGR COLLEGE OF ENGR
8. KREBS ENGINEERS
MENLO PARK, CA
1 - 2 INCH CYCLONE, MODEL RC2-1424
PLT ENGR COLLEGE OF ENGR
9. MR. LOREN W. MATTHEWS
LIVINGSTON, WI
HISTORICAL RECORD: JOINT DISTRICT TREASURER'S
BOOK, DISTRICT NUMBER 11, TOWN OF LIMA AND
CLIFTON, COUNTY OF GRANT, STATE OF WISCONSIN
1867-1949 (GREENWOOD SCHOOL)
PLT LIB RE UNIV LIBRARY

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
COOPERATIVE EDUCATION IMPROVEMENT GRANT
FOR THE PERIOD 01-01-84 THROUGH 12-31-84
AWARD # Q008324157
PLT ENGR COLLEGE OF ENGR (144-0266) 909.00

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - PLATTEVILLE

PHYSICAL PLANT

1. EDUCATION, DEPT OF
WASHINGTON, DC
ANNUAL OTTENSMAN HALL INTEREST SUBSIDY
FOR THE PERIOD 07-15-83 THROUGH 07-15-84
AWARD # PROJ 5-5-669-0
PLT UNIT-W DEBT SV AC BLDGS (144-0245) 4,001.00

RESEARCH

1. SOUTHEASTERN CENTER FOR ELECTRICAL
ENGINEERING EDUCATION
ST. CLOUD, FL
PRIME CONTRACTOR WITH DOD AF
STUDY OF LASER TECHNOLOGY FOR US AIR FORCE
FOR THE PERIOD 04-01-84 THROUGH 12-31-84
AWARD # F49620-82-C-0035
PLT ART&SC PHYSICS (144-0265) 12,000.00

2. WISCONSIN SOYBEAN MARKETING BOARD, INC.
MADISON, WI
TILLAGE AND PLANTING PATTERN RELATIONSHIP
FOR SOYBEANS IN A CORN/SOYBEAN ROTATION
IN WISCONSIN DRIFTLESS AREA
AWARD # CKJ475091
PLT AGRIC AGR SCIENCES (133-0264) 950.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
COLLEGE WORK STUDY FUNDING FOR 84-85
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # PO08514557
PLT G E A VICE CHANCELLOR VICE CHANC (145-0261) 547,806.00

2. EDUCATION, DEPT OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:

1) SEOG-I FUNDING FOR 84-85
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # PO08534557
PLT ST AST ED OPPOR GRANTS (146-0259) 157,607.00

2) SEOG-R FUNDING FOR 84-85
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # PO08544557
PLT ST AST ED OPPOR GRANTS (146-0260) 128,951.00

3. EDUCATION, DEPT OF
WASHINGTON, DC
NDSL FCC FOR 84-85
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # PO08524557
PLT ST AST NATL DIR STU LNS (LOANS) 45,380.00

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - PLATTEVILLE

STUDENT AID

4.	EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	ADDITIONAL FUNDING FOR 83-84 PELL GRANT PROGRAM FOR THE PERIOD 07-01-83 THROUGH 06-30-84 AWARD # PO08402957 PLT ST AST BEOG PROGRAM	(148-0248)	858,809.00
2)	PELL GRANT ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-83 THROUGH 06-30-84 AWARD # RO08402957 PLT ST AST BEOG PROGRAM	(148-0257)	7,880.00
5.	WISCONSIN CENTER FOR ECONOMIC EDUCATION MILWAUKEE, WI FUNDING FOR SCHOLARSHIP IN ECONOMICS AWARD # CK1578 PLT B,I&C DN-BUS, IND&COM	(133-0246)	300.00
6.	GROWMARK, INC. BLOOMINGTON, IL COLLEGE OF AGRICULTURE SCHOLARSHIPS AWARD # CK00163404 PLT AGRIC DEAN OF AGRIC DEAN AGRIC	(133-0254)	1,000.00
7.	WISCONSIN CHAPTER OF THE AMERICAN SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS MADISON, WI AGRICULTURE SCHOLARSHIPS AWARD # CK205 PLT AGRIC DEAN OF AGRIC DEAN AGRIC	(133-0263)	200.00
	TOTAL PLATTEVILLE		1,765,793.00 =====
	INSTRUCTION		909.00
	PHYSICAL PLANT		4,001.00
	RESEARCH		12,950.00
	STUDENT AID		1,747,933.00

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - WHITEWATER

INSTRUCTION

1.	EDUCATION, DEPT OF WASHINGTON, DC TRAINING SPECIAL EDUCATION PERSONNEL IN THE DEPARTMENT OF SPECIAL EDUCATION FOR THE PERIOD 06-01-84 THROUGH 05-31-85 AWARD # GO08302214 WTW EDUC SPECIAL EDUC SPEC EDUC (144-0719)	50,000.00
2.	WI DEPT OF TRANSPORTATION MADISON, WI PRIME CONTRACTOR WITH TRANS MOTORCYCLE ALCOHOL AND OTHER DRUGS TRAFFIC SAFETY WORKSHOP FOR THE PERIOD 04-01-84 THROUGH 03-31-85 AWARD # 4075 WTW EDUC SAFETY STUDIES (144-0088)	1,888.00
3.	JANESVILLE FOUNDATION, INC. JANESVILLE, WI ENHANCING THE SECRETARIAL PROFESSION AWARD # CHECK #082645 WTW BUS&EC BUSINESS EDUC BUS EDUC (133-0527)	10,000.00
4.	THE MILWAUKEE FOUNDATION MILWAUKEE, WI ENHANCING THE SECRETARIAL PROFESSION AWARD # LETTER DTD 3/13/84 WTW BUS&EC BUSINESS EDUC BUS EDUC (133-0632)	1,000.00
	TOTAL WHITEWATER	62,888.00 =====
	INSTRUCTION	62,888.00

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. BIO-TECHNICAL RESOURCES, INC.
MANITOWOC, WI
SPECTROPHOTOMETRIC ANALYSES FOR CLASSROOM LAB
USING A BECKMAN D B SPECTROPHOTOMETER
GIFT IN KIND
CNS MANIT BIOLOGY
2. BIO-TECHNICAL RESOURCES, INC.
MANITOWOC, WI
WARBURG RESPIROMETER FOR LABORATORY AND
RESEARCH PURPOSES
GIFT IN KIND
CNS MANIT BIOLOGY

MISCELLANEOUS

1. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
THE ROLE OF THE HUMANITIES IN THE CRIMINAL JUSTICE
SYSTEM
FOR THE PERIOD 03-16-84 THROUGH 10-31-84
AT A TOTAL COST OF \$9,658.00
AWARD # G-FY82-62-(P), MOD. 1
CNS SYS SV INSTRNL SERVICES PREP PROG (144-U335) 3,649.00

RESEARCH

1. INTER, FISH AND WILDLIFE SERVICE
TWIN CITIES, MN
ASSESSMENT OF SEA LAMPREY SPAWNING RUNS IN LAKE
MICHIGAN TRIBUTARIES
FOR THE PERIOD 04-23-84 THROUGH 06-23-84
AWARD # FWS3-84-RFQ-003
CNS MARIN BIOLOGY (144-U516) 2,164.00

TOTAL CENTER SYSTEM	5,813.00
	=====

MISCELLANEOUS	3,649.00
RESEARCH	2,164.00

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
CERTIFICATE OF CONTINUING STUDIES IN LIBRARY
PRACTICE
FOR THE PERIOD 07-01-84 THROUGH 06-30-85
AWARD # 54
EXT G EXT UW - MADISON COMUNICATN (144-U588) 9,085.00
2. AMERICAN COMMUNITY GARDENING ASSOCIATION
MILWAUKEE, WI
SHOOTS 'N ROOTS URBAN GARDEN PROGRAM
EXT COOP E CO&AREA OFC-S E (133-F085) 2,000.00
3. FRIENDS OF WHA-TV, INC.
MADISON, WI
PRODUCTION OF "THE NEW TECH TIMES"
AT A \$118,358 LEVEL
EXT TELCOM WHA TELEVISION (133-G309) 17,628.00
4. WISC DEPT OF TRANSPORTATION
MADISON, WI
TRANSPORTATION POLICY STUDY INSTITUTE FOR THE
PERIOD 11-11-83 THRU 11-10-84
EXT G EXT UW - MADISON ENGINEERNG (133-G738) 5,400.00
5. SAN DIEGO STATE UNIVERSITY FOUNDATION
SAN DIEGO, CA
ELECTRONIC TEXT APPLICATIONS FOR HIGHER EDUCATION
FOR THE PERIOD 11-01-83 THRU 05-31-85
AWARD # AGREEMENT #1808/20104
EXT TELCOM WHA TELEVISION (133-G863) 275,195.00
6. FRIENDS OF WHA-TV, INC.
MADISON, WI
PRODUCTION OF "THE NEW TECH TIMES"
EXT TELCOM WHA TELEVISION (133-H127) 121,313.80
7. EASTERN EDUCATIONAL TELEVISION NETWORK
BOSTON, MA
PRODUCTION OF PROGRAM ENTITLED "OLYMPIA"
AWARD # OLY/100/A/DOC/210
EXT TELCOM WHA TELEVISION (133-H199) 3,627.00
8. SHAWAND COUNTY
SHAWAND, WI
PARTIAL SUPPORT FOR PROGRAM IN HOME ECONOMICS AND
FAMILY LIVING FOR THE PERIOD 06-01-84 THRU
12-31-84
EXT COOP E CO&AREA OFC-N E (133-H217) 5,104.76
9. FRIENDS OF WHA-TV, INC.
MADISON, WI
MARKETING AND DEVELOPMENT STAFF AND ADMINISTRATION
FOR THE PERIOD 07-01-84 THRU 06-30-85
EXT TELCOM WHA TELEVISION (133-H244) 470,392.00

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

10.	FRIENDS OF WHA-TV, INC. MADISON, WI STATION STAFF, PHONE BANK AND GRAPHIC SUPPLIES AND EXPENSES FOR THE PERIOD 07-01-84 THRU 06-30-85 EXT TELCOM WHA TELEVISION	(133-H245)	123,777.00
11.	FRIENDS OF WHA-TV, INC. MADISON, WI LOCAL PROGRAM PRODUCTION FOR THE PERIOD 07-01-84 THRU 06-30-85 EXT TELCOM WHA TELEVISION	(133-H246)	361,692.00
12.	FRIENDS OF WHA-TV, INC. MADISON, WI PROGRAM ACQUISITION FOR THE PERIOD 07-01-84 THRU 06-30-85 EXT TELCOM WHA TELEVISION	(133-H247)	391,250.00
13.	WISCONSIN STATE FAIR PARK WEST ALLIS, WI 1984 WISCONSIN STATE FAIR SURVEY EXT COOP E COM,N RSRC&EC DV RECR RSRC	(133-H272)	5,273.00
14.	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI PROGRAMMING ON ECB LICENSED STATIONS FOR THE PERIOD 07-01-84 THRU 06-30-85 EXT TELCOM WHA RADIO	(133-H297)	430,000.00
15.	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI PERFORMANCE PROGRAMMING - MUSIC/ART FUND FOR THE PERIOD 07-01-84 THRU 06-30-85 EXT TELCOM WHA RADIO	(133-H298)	50,000.00
16.	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI INFORMATION PROGRAMMING FOR THE PERIOD 07-01-84 THRU 06-30-85 EXT TELCOM WHA RADIO	(133-H299)	50,000.00
17.	WISCONSIN PUBLIC RADIO ASSOCIATION MADISON, WI PROGRAMMING ON WHA-AM EXT TELCOM WHA RADIO	(133-H300)	120,000.00
18.	WISCONSIN PUBLIC RADIO ASSOCIATION MADISON, WI WPRA STAFF SUPPORT EXT TELCOM WHA RADIO	(133-H301)	27,200.00
19.	MULTIPLE DONORS UNIVERSITY EXTENSION FELLOWSHIP FUND EXT COOP E PROFESSNL DVLPM T PRFNL DVL P	(133-7462)	25.00

GIFTS, GRANTS AND CONTRACTS
JULY 13, 1984

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

20.	MULTIPLE DONORS		
	SUPPORT WEED CONTROL RESEARCH PROGRAM		
	EXT COOP E UW MSN-AG & L SC AGRONOMY	(133-7714)	500.00
21.	FORAGE EVALUATION PROGRAM		
	EXT COOP E UW MSN-AG & L SC AGRONOMY	(133-8832)	
	3,900.00	MULTIPLE DONORS	
	3,600.00	KALTENBERG SEED FARMS	
		WAUNAKEE, WI	
	1,200.00	GARST SEED COMPANY	
		COON RAPIDS, IA	
	3,000.00	CENEX	
		ST. PAUL, MN	
	3,000.00	CELPRIL INDUSTRIES INC.	
		MODESTO, CA	
	3,000.00	NORTH AMERICAN PLANT BREEDERS INC.	
		MISSION, KS	
			17,700.00

GIFT-IN-KIND

1.	WISCONSIN CROP IMPROVEMENT ASSOCIATION		
	MADISON, WI		
	USED FORD TRACTOR		
	GIFT IN KIND		
	EXT COOP E UW MSN-AG & L SC AGRONOMY		
2.	DAROME INCORPORATED		
	HARVARD, IL		
	133 MODEL 604 CARRYING CASES		
	GIFT IN KIND		
	EXT TELCOM INSTR COMMUN SYS		
3.	FRIENDS OF WHA-TV		
	MADISON, WI		
	DONATION OF EQUIPMENT FOR STATION SUPPORT		
	GIFT IN KIND		
	EXT TELCOM WHA TELEVISION		

TOTAL EXTENSION

2,487,162.56

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EXTENSION AND PUBLIC SERVICE 2,487,162.56

ADDITIONAL GRANT

GIFTS, GRANTS AND CONTRACTS

JUL 13, 1984

UNIVERSITY OF WISCONSIN-MADISON

RESEARCH

LILLY (ELI) AND COMPANY
INDIANAPOLIS, IN
BIOLOGICAL CONTROL AGENTS FOR
PLANT PATHOGENS FOR THE PERIOD
06-01-84 THRU 05-31-86
MSN, AG & LSC, PLANT PATH (133-H303) \$163,468.00

GIFTS, GRANTS AND CONTRACTS SUMMARY
ITEMS PROCESSED 05-22-84 THROUGH 06-22-84

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTER SYSTEM	-0-	-0-	-0-	3,649	-0-	2,164	-0-	-0-	5,813
EAU CLAIRE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
EXTENSION	2,487,163	-0-	-0-	-0-	-0-	-0-	-0-	-0-	2,487,163
GREEN BAY	-0-	-0-	-0-	20,415	-0-	123,612	20,000	-0-	164,027
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON	-0-	1,502,016	418,799	308,222	112,840	16,727,940	594,674	2,550	19,667,041
MILWAUKEE	-0-	227,628	100	370,614	-0-	575,231	-0-	-0-	1,173,573
OSHKOSH	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
PARKSIDE	-0-	-0-	-0-	5,490	41,707	18,856	(5,088)	-0-	60,965
PLATTEVILLE	-0-	909	-0-	-0-	4,001	12,950	1,747,933	-0-	1,765,793
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STOUT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	-0-	62,888	-0-	-0-	-0-	-0-	-0-	-0-	62,888
TOTAL JUL 1984	2,487,163	1,793,441	418,899	708,391	158,548	17,460,754	2,357,519	2,550	25,387,263
PREVIOUSLY REPORTED	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
GRAND TOTAL	2,487,163	1,793,441	418,899	708,391	158,548	17,460,754	2,357,519	2,550	25,387,263
TOTAL JUL 1983	299,272	1,898,714	22,677	713,967	58,340	26,655,556	1,099,030	-0-	30,747,556
PREVIOUSLY REPORTED	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
GRAND TOTAL	299,272	1,898,714	22,677	713,967	58,340	26,655,556	1,099,030	-0-	30,747,556
FEDERAL TOTAL JUL 1984	9,085	1,720,369	-0-	38,592	104,048	13,464,655	2,210,830	-0-	17,547,579
PREVIOUSLY REPORTED	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
FEDERAL GRAND TOTAL	9,085	1,720,369	-0-	38,592	104,048	13,464,655	2,210,830	-0-	17,547,579
FEDERAL TOTAL JUL 1983	235,262	1,855,754	17,240	202,808	58,340	14,673,829	628,281	-0-	17,671,514
PREVIOUSLY REPORTED	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
FEDERAL GRAND TOTAL	235,262	1,855,754	17,240	202,808	58,340	14,673,829	628,281	-0-	17,671,514

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

As Adopted 11-5-71 and Amended to 7-13-84

EXHIBIT A

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

CHAPTER I
MEETINGS AND BUSINESS OF THE REGENTS

Annual Meetings

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

Regular Meetings

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

Special Meetings

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

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

Place of Meetings

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

Quorum

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

Parliamentary Rules and Order of Business

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

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

1. Calling of the roll
2. Reading of the minutes of the proceedings of the last meeting; amendment or approval of the same
3. Report of the President of the Board
4. Report of the President of the University System
5. Report of the Secretary
6. Reports of standing committees
7. Reports of special committees
8. Miscellaneous resolutions
9. Communications, petitions, and memorials
10. Unfinished and miscellaneous business

CHAPTER II

Officers of the Board and Their Duties

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

Mode of Election

Section 2. The officers of the Board shall be elected by ballot at the annual meeting, and shall hold their respective offices for one year, beginning ~~on~~ the first day of July of the ensuing fiscal year immediately upon election, and until their successors shall be elected and have qualified.

Duties of the President of the Board

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

Duties of the Vice President of the Board

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

Duties of the President Pro Tem

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

Duties of the Secretary

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

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

Assistant Secretaries

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

Trust Officer and Assistant Trust Officers

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

CHAPTER III

Committees of the Board

Section 1. There shall be four standing committees of the Board of Regents as follows:

(1) Education Committee consisting of such members as are appointed annually thereto, ~~effective on the first day of July of the ensuing fiscal year,~~ by the President ~~elect~~ of the Board following the annual meeting. The President and Vice President shall serve as ex officio voting members and the President shall designate the Chairman and Vice Chairman of the Committee.

(2) Business and Finance Committee consisting of such members as are appointed annually thereto, ~~effective on the first day of July of the ensuing fiscal year,~~ by the President ~~elect~~ of the Board following the annual meeting. The President and Vice President of the Board shall serve as ex officio voting members and the President shall designate the Chairman and Vice Chairman of the Committee.

(3) Physical Planning and Development Committee consisting of such members as are appointed annually thereto, ~~effective the first day of July of the ensuing fiscal year,~~ by the President ~~elect~~ of the Board following the annual meeting. The President and Vice President of the Board shall serve as ex officio voting members and the President shall designate the Chairman and Vice Chairman of the Committee.

(4) Executive Committee consisting of the President of the Board, who shall serve as Chairman, the Vice President of the Board, the Chairman of the Education Committee, the Chairman of the Business and Finance Committee, the Chairman of the Physical Planning and Development

Committee, the member of the Board who shall have most recently been the President of the Board and one other member of the Board appointed by the President of the Board. In the event that there shall be no member of the Board who shall have previously been President of the Board, such position on the Executive Committee shall be filled by a member of the Board appointed by the President of the Board.

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

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

Duties of the Education Committee

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

Duties of the Business and Finance Committee

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

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

Duties of the Physical Planning and Development Committee

Section 4. The Physical Planning and Development Committee shall have charge of consideration of all matters related to the capital building program.

budget/requests, planning, and designing, and advertising for bids for new construction and improvements, awarding of contracts and This includes approving approval of schedule of costs budgets, advance planning, concept and budget reports, funding and capital budget development policies, and authorization to bid and construct in connection with projects for new construction and improvements of \$30,000 or more; except as otherwise authorized by the Board, location of new buildings and improvements; facilities namings; gifts-in-kind of facilities; development campus development and transportation plans; real estate transactions, including sale, purchase, and exchange, lease, zoning, relocation costs, and condemnation; of real estate easements and land use permits;

telecommunication system acquisitions; steam sale agreements; assessable improvements; and Wisconsin Environmental Policy Act implementation. The Chairman of the Physical Planning and Development Committee may create one or more subcommittees to consider any matter properly before the Physical Planning and Development Committee and shall appoint the subcommittee members and the Chairman from among those members of the Board serving on the Physical Planning and Development Committee.

Duties of the Executive Committee

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

CHAPTER IV

Amendments

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

Suspension of Bylaws

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

Section 3. The provisions of, his, and his as used throughout these By-Laws are to be taken as non-descriptive with regard to sex of the incumbent of the position being described.

CHAPTER V

SYSTEM ADMINISTRATION

President of the University of Wisconsin System

Section 1. The President of the University of Wisconsin System has full executive responsibility for the operation and management of the System. He or she shall carry out the duties prescribed in Wisconsin Statutes for this office, and such other duties as may be assigned by the Board or be implicit in policy actions of the Board. ~~We~~ The President of the System shall see to the appropriate staffing of System administrative offices, and direct and coordinate the activities of these offices as needed to fulfill his or her responsibilities. All items to be brought before the Board of Regents for action, except those initiating in the Board itself, should reach the Board through the President of the University of Wisconsin System and carry his or her recommendation; and when involving policy actions, indicating establishment of a new policy, reaffirmation of an existing policy, revision of an existing policy, or rescission of an existing policy.

Vice Presidents

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

Staff Services to the Board of Regents

Section 3. The President shall, with the approval of the Board, designate a vice president as principal staff officer for each of the standing committees of the Board, or in the event of the unavailability of an appropriate vice president, an associate vice president or other major administrative officer to perform this function. The persons so designated shall provide to the committee such materials and papers as may be required for the agenda of the committee, and be prepared to respond to such other requests for information or interpretation as the committee or its members may require.

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

President - Ben R. Lawton

Vice President - Robert P. Knowles

✓ Regent Committees - Regent Committee assignments announced;

STANDING COMMITTEES

Executive Committee

- Ben R. Lawton (Chairman)
- Robert P. Knowles
- Ody J. Fish
- Camilla R. Hanson
- Frank H. Heckrodt
- Paul R. Schilling
- Laurence A. Weinstein;

✓ x ref: Each individual Committee

✓ Each individual Regent

Education Committee

- ✓ Paul R. Schilling (Chairman)
- Ruth C. Clusen (Vice Chairman)
- Catherine Conroy
- Edith N. Finlayson
- Herbert J. Grover
- Marylln M. Zirbel
- Ben R. Lawton (ex officio)
- Robert P. Knowles (ex officio)

Business and Finance Committee

- ✓ Laurence A. Weinstein (Chairman)
- ✓ Ody J. Fish (Vice Chairman)
- ✓ Camilla R. Hanson
- ✓ Gerard E. Veneman
- Ben R. Lawton (ex officio)
- Robert P. Knowles (ex officio)

Physical Planning and Development Committee

- ✓ Frank H. Heckrodt (Chairman)
- ✓ Frank L. Nikolay (Vice Chairman)
- ✓ M. William Gerrard
- Russell J. O'Harrow
- Ben R. Lawton (ex officio)
- Robert P. Knowles (ex officio)

p. 3 + EX B

✓ Hospitals - Council of Trustees - Regent appointments to Council of Trustees;

COUNCIL OF TRUSTEES,

UW HOSPITAL AND CLINICS

- Edith N. Finlayson (Chairman)
- Camilla R. Hanson (Vice Chairman)
- Frank H. Heckrodt
- Laurence A. Weinstein

p. 3 + EX B.

The University of Wisconsin System unanimously endorses the reaffirmation of the principles set forth in AP #7.2:

"The long range objective of the UW System is to achieve the goals of equality of access and of opportunity. The achievement of these goals might be inferred from the attainment of a condition in which entry rates, academic success rates, graduation rates and distribution of educational and professional choices by minority students would more closely resemble those characteristics of all students of the UW System."

In addition, the System feels that the Regents' two basic quantitative goals of minority enrollment of 9,000 and minority bachelors degrees of 800 per year as stated in AP #7.2 should not be reduced but rather redefined in the context of the principles stated above. Therefore, the following redefinition of the University of Wisconsin System minority enrollment and graduation goals is proposed:

1. New Freshmen Enrollment Goal

To reach an ethnic distribution in the new freshmen class which equals the ethnic distribution in the Wisconsin public high school graduating class.

2. Undergraduate Enrollment Goal

To reach year to year retention rates for minority students which are at least equal to the year to year retention rate for majority students.

3. Bachelors Degrees Goal

To reach graduation rates for minority students which are at least equal to the graduation rates of majority students.

4. Graduate and Professional Enrollment Goal

To continue the relationship between undergraduate and graduate/professional enrollment which now exists. Therefore as undergraduate enrollment increases in each minority group, graduate and professional enrollment will increase.

In addition to these UW System enrollment and graduation goals for minority students, it is also recommended that:

1. Goals be adopted for all minorities with the measurement of progress toward the goals examined separately for each ethnic group.
2. No individual UW institutional goals be set by System Administration; each UW institution should be expected to establish its own goals in the context of the System goals.
3. Time periods of five years be set for achievement of the enrollment goals and ten years for the achievement of the graduation goals.
4. Actual enrollments be compared annually to enrollment projections to ensure that progress is being made toward the goals.

MINORITY AND DISADVANTAGED STUDENT PROGRAMS

SUMMARY OF ASSUMPTIONS/RECOMMENDATIONS/IMPLEMENTATION

General Assumptions:

1. Equal educational opportunity requires that the State of Wisconsin increase the percentage of minority students who both graduate from high school prepared for post-secondary education and who enter the University of Wisconsin System and complete a baccalaureate degree at a System campus.
2. Equal educational opportunity requires that more Black, Hispanic, and American Indians be employed as teachers, counselors, and staff in both educational systems.
3. Equal educational opportunity requires that the Governor, the legislature, and our educational leaders make the education of minorities a leading priority of their administrations.

Recommendations:

I. Goals

- A. The University of Wisconsin System and Regents should adopt for each year of the decade beginning September, 1985, specific goals related to increasing the percentages of minority students who complete a baccalaureate degree. University of Wisconsin System goals should be related to the number of graduates from Wisconsin's secondary schools, and should be minority group specific, with each institution establishing its goals within the context of the System goals.
- B. The State Superintendent of Public Instruction should adopt for each year of the decade beginning September, 1985, specific goals related to increasing the percentages of minority students who graduate from high school and are prepared for post-secondary education. These goals should be minority group specific with each school district establishing its goals within the context of the state goals.

II. Financial Aid*

- A. A statewide University of Wisconsin System/Department of Public Instruction Minority Merit Scholarship Program should be developed for minority resident students.
- B. An Undergraduate Retention Grant Program for junior and senior year minority students enrolled at the University of Wisconsin System institutions should be developed.

*The Advanced Opportunity Program should be expanded as recommended by the Chancellors' Subcommittee. See budget item II, E.

- C. The University of Wisconsin System and the Department of Public Instruction, in cooperation with the Wisconsin Educational Opportunity Program and the Bureau for Pupil Services, should develop more effective and non-traditional approaches, as well as easier-to-understand materials, in providing information on college financial aid opportunities for minority students and their parents or guardians beginning with the middle school experience.
- D. An "interim" financial aid system should be extended to all University of Wisconsin System institutions in order to insure that no minority students are forced to discontinue college because of delays in financial aid awards.

III. Joint Identification and Outreach Programs

- A. A Wisconsin Institute for Minority Education should be established to provide an ongoing mechanism for early identification, preparation and recruitment, pupil services, teacher staff development and training, and research, aimed at increasing the pool of minority students who graduate and are prepared for post-secondary education.
- B. Minority Educational Programs should be developed by University of Wisconsin System institutions and the Department of Public Instruction in at least the following nine school districts where a substantial portion of the students are Black, American Indian, or Hispanic: Beloit, Green Bay, Kenosha, Madison, Menomonie Indian, Milwaukee, Racine, Superior, and Waukesha.
- C. The Department of Public Instruction should work closely with local school districts enrolling significant numbers of minority students to develop and strengthen comprehensive, coordinated pupil services programs, including counseling, social work, nursing, and psychological services. In addition, the Department of Public Instruction should assist local school districts in developing and providing inservice programs for faculty that would be directed at preparing more minority students for successful college study. These programs would include techniques for encouraging and motivating minority students, identifying academic deficiencies, curriculum planning, parent involvement, drop out and truancy prevention, and measurement of pupil progress.
- D. The mission of the Wisconsin Educational Opportunity Program, including its Early Identification Program component, should be broadened and its budget increased to allow it to function on a statewide basis and to intensify programmatic interventions in local school districts enrolling large concentrations of minority students.
- E. A special office on minority student affairs within the reorganized Cooperative Educational Service Agency 1 should be established to provide services to the school districts.

IV. Academic Preparation for College

- A. Extensive pre-college programs should be developed or expanded jointly by the University of Wisconsin System and Local Education Agencies through each of the four-year universities, with special "saturation" projects to be provided through those institutions whose service areas include large minority populations.
- B. The University of Wisconsin System and the Department of Public Instruction strongly encourage high school students to prepare for college by developing competencies in reading, writing, speaking, listening, mathematics, reasoning, and organized study as described in "Preparation for College."
- C. The Department of Public Instruction should undertake with local school districts enrolling large concentrations of minority students an analysis of minority student dropouts and truancy rates with special focus on determining how many of these students have aptitude and talent for college studies and to develop more effective interventions which will aid these students in completing their high school studies and successfully preparing for college entrance.

V. University Retention

- A. Each university should develop and/or expand a meaningful retention plan which would provide improved assistance and support for minority students.
- B. The recently developed University of Wisconsin System Minority Demonstration Project should be expanded through replication of its successful components.
- C. The University of Wisconsin System institutions should, as part of their retention plan, continue to review campus and community environment and develop ways of improving these environments.
- D. The Department of Public Instruction should review and reinforce the Wisconsin Administrative Code on human relations P.I. 3.07(1)(b) to insure that it is achieving the results originally intended.
- E. The University of Wisconsin System institutions with pre-college and college level minority student programs should sponsor orientation sessions for school counselors in their service areas regarding these programs.

VI. Research

- A. A cooperative data gathering process on minority students should be developed among all two and four-year Wisconsin colleges and universities (public and private), Department of Public Instruction, and the State Board for Vocational, Technical, and Adult Education.

- B. Local school districts should be encouraged to conduct studies to determine why academically able minority students turn away from college preparatory studies in the early grades and to determine the effectiveness of local programs directed at preparing minority students for post-secondary education.
- C. The University of Wisconsin System, the Department of Public Instruction, and local school districts, in cooperation with the Wisconsin Institute for Minority Education and the Wisconsin Educational Opportunities Program, should periodically study the adequacy of minority students' preparation for college and annually conduct follow-up studies of college-bound minority students, including reasons certain of these students do not attend a University of Wisconsin System institution.
- D. The University of Wisconsin System should conduct periodic studies of factors which cause minority students to persist in, to fail, or to discontinue their studies once they enter a University of Wisconsin System institution.

VII. Implementation

- A. A joint University of Wisconsin System-Department of Public Instruction funding request shall be made on a biennial basis to cover cost of these recommendations.
- B. To help insure the success of these efforts, our final recommendation is that the President of the University of Wisconsin System, the State Superintendent of Public Instruction, and the Governor of Wisconsin hold a major follow-up conference every two years with senior administrators of the three agencies to review programs and funding, to measure progress toward the goal of equal educational opportunity, participation, and achievement, and to make recommendations on needed changes and new directions, with conference planning to be provided by the Wisconsin Institute for Minority Education.

MINORITY AND DISADVANTAGED STUDENT PROGRAMS

Proposed 1985-87 Budget

	<u>1985-86</u>		<u>1986-87</u> <u>(Increase over 1985-86)</u>	
	<u>UW</u>	<u>DPI</u>	<u>UW</u>	<u>DPI</u>
<u>RECOMMENDATION II - FINANCIAL AID</u>				
A. Merit Scholarships (2,000 x100)		\$200,000		\$200,000 (5th year = \$1,000,000)
B. Undergraduate Retention	\$1,875,000			
E. Advanced Opportunity Program*	250,000		\$250,000	
<u>RECOMMENDATION III - JOINT IDENTIFICATION OUTREACH</u>				
A. Institute for Minority Education	125,000	125,000		
B. Minority Education Program				
1. Multi-ethnic coordinators high school		930,000		
2. Minority education specialist - University	390,000			
C. Pupil Services		250,000		
D. WEOPP Expansion		100,000		
E. CESA #1 Minority Student Affairs Office		100,000		
<u>RECOMMENDATION IV</u>				
A. Academic Preparation				
1. Program - pre-college	1,500,000			
2. Scholarships - pre-college		245,000		
<u>RECOMMENDATION V</u>				
A. University Retention project**	500,000		\$500,000	
	<u>\$4,640,000</u>	<u>\$1,950,000</u>	<u>\$5,390,000</u>	<u>\$2,150,000</u>
	<u>\$6,590,000</u>		<u>\$7,540,000</u>	

*From Chancellors' Subcommittee Report

**This amount includes funding recommendation from Chancellors' Subcommittee Report

7/13/84



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

A. A Settlement Agreement and Release between the Board of Regents of the University of Wisconsin System and The Charles River Breeding Laboratories, Inc., Bausch & Lomb, and the Continental Insurance Company covering compensation received in settlement of a lawsuit has been signed by the Vice Chancellor for Administration, UW-Madison, June 1, 1984. - *Agreement with the Continental Ins. Co. for compensation received in a lawsuit, nonpersonnel item A*

B. Renewal leases for commercial space in Randall Tower, 1314 Randall Avenue, have been signed with the following lessees by the UW-Madison Vice Chancellor for Administration: *Renewal leases for commercial space in Randall Tower for*

- Mr. Mike Shelton, Bob's Copy Shop Office;
- Robert E. Gonstead, Travel Affiliates, Ltd.; and
- Harold E. Westphal, Retail Grocery Store, *nonpersonnel action B*

Each lease covers the period August 1, 1984 through June 30, 1987, to coincide with the expiration date of the University's current lease for Randall Tower. Firm annual rates have been established for the first year of the leases, with increases in years two and three to be established to reflect the fair market rent for comparable premises.

Sub Deferred Annuity - Addendum extending agreement to 5/31/86 with Wisconsin Financial Security, Inc., nonpersonnel item C

C. The existing agreement between Wisconsin Financial Security, Inc., which established a Tax Deferred Group Single Premium Annuity Purchase Program (terminal funding), the addendum to which was reported in May 1984 extending its termination date to May 31, 1984, has been extended by addendum for the period through May 31, 1986. The addendum has been executed by Wisconsin Financial Security, Inc. representatives and the Assistant Secretary of the Board.

UW-Stevens Point - Bldg. & Land - Agreement for transfer of just portion (6.9 acres) of land for Treehaven Field Study Station, nonpersonnel action D

D. The agreement between the UW-Stevens Point Foundation and the Board of Regents and the deed covering transfer of the first portion (6.9 acres) of the ten acre parcel of land to which the Board agreed to accept title as the site of the TREEHAVEN Field Study Station have been executed, with the deed filed in Lincoln County, Wisconsin, on May 24, 1984.

E. A renewal agreement between Mr. John Shanklin and the Board relating to rental of the Arboretum Security Residence for the period August 1, 1984 through July 31, 1985, has been signed by the UW-Madison Vice Chancellor for Administration. Terms and conditions are essentially as previously reported except for several additions which have been made on the recommendation of the University's legal staff. *Agreement with John Shanklin for rental to 7/31/85 of Security Residence, nonpersonnel item E*

F. A Memorandum of Agreement between the Wisconsin Department of Natural Resources and the UW-Madison Sea Grant Institute and College of Agricultural and Life Sciences, relative to the cooperative operation of the Lake Mills National Fish Hatchery for aquacultural research, has been signed and covers the period April 1, 1983 through March 31, 1988. *Great Lakes Research Facility - Agreement with DNR*

✓ Lake Mills National Fish Hatchery for aquaculture research, 4/1/83 - 3/31/88, nonpersonnel item F
J ref DVR G.

An agreement between the Board and Soder Farms, Inc., for the lease of approximately 120 acres of land and storage for hay on the Three Lakes Farm during the 1984 growing season has been signed by the UW-Madison Vice Chancellor for Administration. The rate will be \$20 per acre and will be limited to the 1984 growing season. If efforts to sell the Three Lakes Farm are successful, transfer of title to the property as a result of a sale will not occur until after the lease termination date of April 30, 1985. *Agreement with Soder Farms, Inc. for lease of approx. 120 acres, ending 4/30/85, nonpersonnel item G*

8/1/84 - 6/30/87