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## **Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: October 9, 1981. 1981**

Stevens Point, Wisconsin: Board of Regents of the University of Wisconsin System, 1981

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MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Stevens Point, Wisconsin

Held in the Wisconsin Room, University Center, UW-Stevens Point  
Friday, October 9, 1981  
9:15 a.m.

- President Erdman Presiding -

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

ABSENT: None

✓ Regent Meetings - Oct 1981 meeting held at UW-SP ✓ x-ref - UW-SP

Upon motion by Regent Knowles, seconded by Regent Fitzgerald, it was unanimously voted that the minutes of the regular meeting of the Board of Regents of the University of Wisconsin System, held September 11, 1981, be approved as mailed to members of the Board.

✓ Comments by United Council, p. 5-6

✓ Decennial - Presentation of Pres O'Neil's decennial report p 1-4 + Exh. A  
✓ x-ref - Meyer ✓ System, UW-General + United Council

REPORT OF THE PRESIDENT OF THE SYSTEM

President O'Neil presented his Decennial Report (EXHIBIT A) which had been prepared to mark the tenth anniversary of the University of Wisconsin System. Noting that the report began with a brief history of the System's creation, he said the first issue it addressed was the soundness of a single system of public higher education. In that regard, he read the following:

"The ultimate value of a single system is readily apparent to those familiar with higher education in other states . . . . In times of progressively scarcer resources, the competition between or among separate public colleges and universities inevitably increases. As a result, critical decisions not only about budgets but also about facilities and even academic programs are made more and more by state coordinating boards or higher education commissions rather than by university faculties, administrators and governing boards. Many issues over which the System Board of Regents has final authority in Wisconsin are becoming elsewhere the province of state agencies whose appreciation of university traditions and academic values is tenuous or haphazard. Many interinstitutional issues which become legislative battles in other states are here resolved within the UW System in accordance with traditional academic values and principles, even as we

✓ Budget - Decline in state support reviewed; Decennial report p 1-4 Exh. A  
Comments by United Council, p. 5-6.

remain fully accountable to the Legislature. We do not need and do not expect unanimity on policy among the Regents; but the Board, with its willingness to hear diverse viewpoints, provides coherence and continuity in setting educational policy -- a role which will become increasingly important as the decade of scarce resources continues to unfold."

The message to be conveyed, he observed, was that those with misgivings about a single system should consider the alternatives and look carefully at the experience of other states.

Referring to data which enumerated specific dimensions of the System's growth and development, he pointed out that enrollment increased from 133,700 at the beginning of the decade to 158,848 in the current semester, and that, of the 550,000 degrees conferred by System institutions, 43 percent had been granted since the System's creation. The numbers of new academic programs authorized and of old academic programs phased out during the ten-year period, he continued, evidenced the dynamic quality of the System. While questions could be raised appropriately in times of scarce resources about the capacity to mount new degree programs, it seemed to him that the universities would be insensitive--not only to changing needs of students and employers, but also to changes in the shape of human knowledge and understanding--if they were not constantly developing new programs to succeed old ones.

The President then called attention to a brief section of the report which outlined important developments in physical facilities: the dramatic improvement of access for the handicapped, energy conservation programs, and several major construction projects. Another dimension of growth was indicated in a table describing trends in external support which showed that income from federal grants and contracts, state or local and private grants, endowments, and state-funded research had nearly doubled during the decade.

Stating that there also were less encouraging trends, he referred to a table which showed that during the ten-year period state support per full-time-equivalent student had declined from a ranking of sixth to a ranking of 31st nationally, which was consistent with the fact that the proportion of the total state general purpose revenues going to System institutions had declined from about 25 percent at the beginning of the decade to approximately 18 percent in the current year. Another table documented a decline in the composite support index for the System as a whole of almost 15 percent since 1972-73. "All three of those indicators point to the same alarming fact that somehow either public higher education has fallen in favor during this decade or the UW System has fared less well in competition with other claimants for scarce public resources." Observing that there were a number of possible explanations, he noted that Wisconsin began the decade on a relatively high base, while other states which passed Wisconsin in national rankings did so from a more modest beginning, and that Wisconsin had a strong commitment to other public sector activities, such as health and human services, in which needs grew faster during the decade than in higher education.

On the occasion of the System's tenth anniversary, he felt it was fair to ask whether the creation of a single System in any way contributed to the resource problem. Stating that there was no evidence that it had, he said a review of institutions in other states--some totally independent and others

substantially merged--produced no reason to believe that structure had much impact on support levels. "In fact, if anything, it seems to me public higher education probably has fared better than it would otherwise have fared by reason of being a single statewide system, because it has been able to marshal a kind of citizen support across the state which would have been less effective had it remained two separate systems or even 13 separate institutions."

✓ Enrollment Decline - Comment in Pres O'Neil's Decennial Report, p 1-4, Exh. A.

Turning to a portion of the report which described diversity within the System, President O'Neil noted that in a number of respects diversity continues to a greater degree than in other systems. As an example, he said, in many systems the same letterhead, colors, and insignia are used on all campuses, while that kind of symmetry would be incompatible with the separate histories and distinctive characters of the UW System institutions which have retained much of their separate identities. He thought an impressive fact was that divisions which existed within the System on various issues seldom followed the former Chapter 36/Chapter 37 line, but rather, were more often drawn on lines of size, enrollment trend, location, or mission. That section of the report concluded with a reaffirmation of the System's federal nature and a reminder that there also were internal milestones being marked during the current year: the 25th anniversary of UW-Milwaukee, the 90th anniversary of UW-Stevens Point, the 65th anniversary of UW-Eau Claire, and the 15th anniversary of Chancellor Weidner's stewardship of UW-Green Bay.

The third section of the report, he continued, focused on the future, indicating the only certainty for the next decade was that the System in 1991 would be smaller than at present. He noted, however, that 20 years hence it would almost certainly be larger because of the demographic upturn which would take place in the mid-1990s. Expressing confidence that the System could adapt to the consequences of declining enrollments, he pointed out that a remarkable capacity for adaptation was evidenced through the painful experience of the mid-1970s. With the kind of planning reflected in the November 30, 1979 Report, it seemed to him the UW System was better prepared to meet those challenges than any other university system of which he knew. Adding that the capacity to adapt has a great deal to do with the people in the System, he said "their resourcefulness, I think, is the greatest quality which will carry this System through an undoubtedly difficult period."

✓ Affirmative Action - Need to reaffirm commitment - Pres O'Neil's Decennial Report, p 1-4, Exh. A.

Outlining six topics which he felt deserved special attention in the next decade, the President mentioned first the need to intensify internal commitments to affirmative action as external mandates lessened in order to maintain even the modest gains that had been made in the 1970s. Secondly, he noted the need to work considerably harder with secondary schools in a shared agenda, commenting that the University was truly interdependent with its partners in education.

✓ Coordination - Interdependence - Need to work w/ secondary schools - Pres Decennial report, p 1-4, Exh. A.

Two other kinds of partnerships, he continued, were with the private sector at a time when the economy needed all the help the universities could provide, and with government--in helping to shape federal policy and in working with state government to find solutions to problems which were encountered. He indicated that the fifth topic was in the form of a suggestion that the coming decade would be a good time to find out more about what the citizens of the state expected of a great state university system, even though it might not be possible to meet all those expectations. As a final point, he called attention to the need to be vigilant to the condition of the University as an environment within which free inquiry and scholarship could flourish, noting that, while he was not apprehensive about blatant threats to academic freedom and inquiry, there were subtle pressures which even currently were at work.

✓ Private Sector - partnership w/ private sector - Decennial Report, p 1-4, Exh. A.

✓ Government - relationship w/ state & fed. govt - Decennial Report, p 1-4, Exh. A.

Concluding his statement, President O'Neil read the final paragraph of the report, as follows:

"These concerns reflect a theme which, like the urgency of adequate resources, is recurrent and will remain high on our agenda for the foreseeable future: the protection and advocacy of the rights and interests of our faculties. A university system administration must perform many essentially nonacademic and even bureaucratic tasks. But a responsible system should also make special efforts to foster a climate within which the freest and most probing of research and teaching can occur. That commitment has always been especially strong in Wisconsin. It has not atrophied since merger; indeed acceptance of the principles and values of academic freedom and inquiry has broadened as a result of the events which we mark this week. The future will bring many challenges for our institutions and our System, but none so critical as safeguarding the liberties of expression and inquiry. It is, therefore, fitting to conclude this review of the first decade and prognosis for the second on a note that is central to the academic mission of a great University System."

Regent Erdman observed that President O'Neil's report had provided an eloquent and comprehensive summary of present conditions and future directions for the System.

President O'Neil called on Chancellor Marshall, expressing appreciation for UW-Stevens Point's gracious hospitality in serving as host for these meetings.

Welcoming the Board to UW-Stevens Point, Chancellor Marshall commented on special aspects of the University. He referred first to some of the campus' needs, which in the area of facilities included additions to the Learning Resources Center and the Physical Education Building. Along with other universities in the System, he said, UW-Stevens Point needed more funding. Lacking that, he expressed the need for advance knowledge of the amount of money available, inasmuch as management on short-term notice could not be efficient, and the need for more freedom to manage even short-term reductions. Remarking that excessive controls from the Legislative and Executive branches of government were extremely costly, he stated that at UW-Stevens Point alone the cost of those controls was several hundred thousand dollars. "We find it inconceivable that we attempt to control all agencies from the center, and to do that by procedure rather than policy."

The Chancellor then described some of the University's outstanding programs, which also were highlighted in a video presentation. Noting that the College of Natural Resources was the second largest in the nation, he cited as examples of its operation the Schmeeckle Reserve; the Central Environmental Station, acquired through the assistance of the UW-Stevens Point Foundation; the summer program at Clam Lake which would be moved to a new headquarters at Treehaven, also acquired through the assistance of the Foundation; and the paper science program, considered one of the best in the country. He added that the 150' x 53' mural to be mounted on the south wall of the College probably would constitute the largest mosaic mural in the world.

The communicative disorders program, Chancellor Marshall continued, was one of the University's special missions and has achieved recognition extending well beyond the borders of the state. Noting that computer science was fast becoming as necessary for literacy as mathematics and writing, he said that it was a field of study that would be emphasized increasingly in the future and that well-prepared scientists must be found to teach it, even though it was extremely difficult to recruit them. Other programs pictured in the video presentation, he indicated, were the anthropology dig at Standing Rock and the planetarium where lectures were given weekly for the local community. Adding that the museum also served the community, he remarked that it was an excellent teaching resource, widely used by elementary and secondary schools as well as by the University.

The writing emphasis program was believed to be one of the most advanced in the country, Chancellor Marshall observed, and the student life program also was widely recognized for its advanced educational methods. Indicating that the wellness program included a week-long workshop each summer, he noted that it received national attention and had been described as one of the country's leading college programs in that field. The previous year, he added, UW-Stevens Point's Student Government Association won the President's Award for the outstanding program in the University System.

Concluding his remarks, Chancellor Marshall expressed the University's pride in its programs, in its students, and in its faculty.

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

Resolution 2484: That the Report of Non-Personnel Actions by Administrative Officers to the Board of Regents and Informational Items Reported for the Regent Record (copy on file with the papers of this meeting) be received for the record; and that actions included in the report be approved, ratified and confirmed.

✓ UW-EC-staff - Introduction of Dr. Lee Grugel, appt'd Dean of Arts & Sciences at UW-EC 10-4 ✓ (X-ref. Grugel, see

Dr. Lee Grugel, who had been appointed Dean of Arts and Sciences at UW-Eau Claire, was introduced by President O'Neil. Dr. Grugel came to Eau Claire from Moorehead State University in Minnesota where he had been chair of the Department of History, director of the honors program and coordinator of the master's degree program in liberal arts. The author of several major historical studies, he had received undergraduate and master's degrees from Ohio State University, a doctorate from the University of Chicago, and had done post-doctoral work in England.

Speaking with respect to the System Decennial, Mr. Robert Kranz, President of the United Council of Student Governments, said United Council had supported the creation of Chapter 36, with the objective of making the University's decision-making process more democratic and responsive to the needs of the students. He indicated that goal had been partially achieved, noting that the ideal of democratization embodied in Chapter 36 was somewhat unique in higher education and that he had received inquiries about it from student leaders across the nation. In essence,

he said, Wisconsin had achieved the ideology of Pericles when he stated to the Athenians: "Our government does not copy the institutions of our neighbors; it is more a case of ours being a model to others."

He pointed out, however, that in the last decade students had witnessed a disturbing trend: the decline of public education in the fiscal priorities of the state. In the 1972-73 biennium, the University had received 25.8 percent of the state budget, while in 1980-81, at a time of record enrollment, it received 18.1 percent. "This has led the University and its students to a perilous crossroad as we celebrate the decennial. The quality of our education is in a state of decline." Access has been narrowed as well, he continued, inasmuch as funding declines and tuition increases erect barriers to the enrollment of non-traditional, low-income and minority students. Stating that lack of funds resulted in adoption of curricula which stress specialization and preparation for the job market, he said graduating students had limited knowledge of American history, much less exposure to the classics, philosophy and literature, and that per-student support for library costs were 60 percent of 1972-73 levels. "How much longer can this go on before our degrees are not only expensive but meaningless? Can the state afford to treat its future leadership with such disregard?"

Indicating that the downward trend in state support had led students to reaffirm their commitment to participation in university decision-making, he expected them to take steps toward enhancing the role they play, inasmuch as faculties and administrators, well-intentioned as they might be, were not in a position to articulate first-hand the concerns of students. He asked what reason there could be for resistance encountered by students in their efforts to participate as provided by Chapter 36, commenting that students had the time, willingness, expertise, and idealism to contribute to problem-solving at all levels of the University.

Since merger, Mr. Kranz continued, United Council had attempted to articulate the needs of students before the Board and the State Legislature. Given the reality of decreasing financial aid, increased educational costs and erosion of academic quality, he thought the organization's future success would be intimately tied to the welfare of its clientele, indicating that, although growing pains had been experienced, the challenges associated with growth and responsibility are at the core of the student experience. To address that challenge, United Council had created a working group to explore internal faults and suggest remedies, he said, expressing confidence that they would succeed in shouldering increased responsibility as holders of student trust.

In conclusion, he thanked those whose efforts contributed to student participation in university governance, stating that students could be expected to act constructively in furthering that ideal and enhancing the University's role as an agency for social change.

- ✓ Governance - comments by United Council on student rules, p. 5-6
- ✓ United Council - remarks on system Decennial, declining state support, student role in governance, p. 5-6

✓ UW-SP Program - Presentation on writing across the curriculum program, p. 7.

REPORT OF THE EDUCATION COMMITTEE

The Committee's report was presented by Chairman Beckwith.

The Committee received a report on the UW-Stevens Point Writing Across the Curriculum Program presented by Professors Donna Garr and Donald Pattow.

Describing the origins of the program, Dr. Pattow said it arose from a desire to know how well the graduates of the University were writing, with a sample of graduating seniors being given the same writing entrance examination they had taken four years earlier. The tests disclosed that their writing skills had not improved to the desired level--a result which led to development of the writing emphasis program, the thrust of which was to reinforce skills learned in freshman English as students pursued their studies in other departments of the University. Several indicators of the program's success included a unanimous decision by students and the Faculty Senate to support a six-credit writing requirement and the receipt of a \$100,000 grant from the Andrew Mellon Foundation to strengthen the already established program. Earlier grants from the UW System Undergraduate Teaching Improvement Council had assisted the program in its initial stages. The program required all students to take six credits in substantive courses which included a writing skills component, with faculty in those courses especially trained to develop writing skills as well as the substantive content of the courses. In their questions and comments, Committee members indicated their enthusiastic support for the program, and the Chairman noted that faculty members assumed greater than normal burdens by providing such programs in addition to their other responsibilities.

✓ UW-Milw Program - proposal for M.S. in medical technology (first reading) p. 7.

Regent Beckwith reported that a proposed master of science degree in medical technology at UW-Milwaukee was presented to the Committee for a first reading. After commenting briefly upon the proposed degree as part of a logical progression in the School of Allied Health Professions, Chancellor Horton introduced Dean Ward Gates who provided detailed information relating to need for the program and the purposes it was intended to serve. He referred to the origin of medical technology programming at UW-Milwaukee, dating from 1963, and to the current need for an advanced level of training for employed medical technology graduates, which would focus upon the clinical laboratory science aspect as well as on managerial and educational skills. Emphasizing that 60 percent of the state's practicing medical technologists were employed in southeastern Wisconsin, he noted that the seven hospitals affiliated with the present undergraduate program provided a suitable base for clinical activity. The program would be interdisciplinary in nature, drawing upon the University's programs in chemistry, computer science, nursing, education, zoology and business. Chancellor Horton and Dean Gates then responded to Committee members' questions which related to possible sources of funding for the program and provision of adequate measures to enable students to acquire necessary computer competence.

Expressing enthusiasm about the program, Regent Lawton emphasized that it included exposure to the administrative skills needed for advancement in the field.



Nine new academic program proposals were brought before the Committee for a second reading. Noting that there had been an opportunity for detailed discussion at the first reading in September, Regent Beckwith indicated there were no additional comments concerning eight of those programs.

With regard to the proposed Ph.D. in architecture at UW-Milwaukee, Dean A. J. Catanese responded to questions that had been raised at the September meeting. He was accompanied by Professor David Glasser and Ms. Elizabeth Palmer, a graduate student in architecture. Dean Catanese addressed concerns about the institution's capability to offer the Ph.D. degree and the matter of the School of Architecture's standing within the profession, citing endorsements from the Wisconsin Society of Architects, along with similar regional and national groups, and supportive comments by external consultants. As an example of the School's standing, he read a statement by the National Architectural Accreditation Board that ". . . the School of Architecture and Urban Planning is justly proud of its national reputation. Its unique program, its faculty of recognized expertise, and the quality of its students places the School in a position to contribute significantly to the development of architectural education." Committee members indicated agreement that the proposal represented an appropriate extension of the University's program. It was noted that Regent Erdman, who was not able to attend the Committee meeting, had raised questions during the September first reading, and President O'Neil advised the Committee that discussions had since been held to address her concerns, with additional meetings planned to continue those discussions.

Regent Beckwith moved adoption of the following resolution, and the motion was seconded by Regent Fitzgerald:

That, upon the recommendation of the President of the University of Wisconsin System and the Chancellors and faculties of the institutions involved, the following new academic programs be approved for planning and implementation:

UW-Madison	Human Cancer Biology, M.S./Ph.D. Textiles and Design, Ph.D.
UW-Milwaukee	Architecture, Ph.D. Comparative Study of Religion, B.A. Human Kinetics, M.S.
UW-Oshkosh	Study of Religion, B.A./B.S.
UW-Stevens Point	Public Administration and Policy Analysis, B.S.
UW-Superior	Nursing Degree Completion Program, BSN
UW-Whitewater	Production/Operations Management, BBA

of Resolves  
Reallocation - Disc. of reallocation processes p-8-13

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While she thought all the proposed programs were needed, Regent Finlayson expressed concern about the term "reallocation," the impact on overload for the faculty, and the impact on the quality of existing programs.

Observing that innovation and changes in dimensions of human knowledge occur continually, President O'Neil felt that in difficult times it was no less important to respond to them with enthusiasm than in easier times. With respect to the meaning of reallocation, he indicated there were always areas of declining enrollment demand from which resources could and should be transferred, noting that the number of programs phased out during the decade since merger exceeded by 17 the number of new programs instituted. There was a constant process of change, he said, which involved not only reallocation of resources and adaptation of physical facilities, but reshaping at times of departments, schools and colleges. Although it might create some dislocations, he felt it was a natural and vital process.

Chancellor Horton added that reallocation was a constant, monitored process, separate from program development, and that it took place with or without there being new program proposals.

Noting that the Business and Finance Committee heard much about campus financial adjustments, including statements that the second semester was being mortgaged to pay for the first semester, Regent Fox asked how UW-Milwaukee intended to reallocate for the proposed Ph.D. program in architecture.

The reallocation process, Chancellor Horton indicated, involved evaluation of demands and priorities in analyzing how resources should be employed during the year in the best interests of the institution.

Regent Fox said that, in order to institute a new program in a time of scarce resources, others would have to be de-emphasized and inquired as to which areas would be given less emphasis.

Chancellor Horton recalled that reallocations occurred the previous year, without the addition of any new programs, indicating that there had been instances of retrenchment in numbers of positions in order to provide adequate supply and expense money. It is true, he said, that when one area grows another contracts.

Regent Fox remarked that the reallocation process did not appear to be clearly defined, and asked for a division of the question, to remove from the resolution the proposed Ph.D. in architecture. Inasmuch as the resolution contained a number of separate items, he noted, it was naturally divisible and a motion was not needed.

Indicating he would accept that revision of his motion, Regent Beckwith said that, while he did not intend to vote against the Ph.D. in architecture, he thought it legitimate to vote on it separately so that other programs would not be hostage to the one about which there was a question. Regent Fitzgerald concurred.

Although he could appreciate concern about creating new programs in the face of repeated statements that demand for some existing programs could not be met, Regent Beckwith continued, he did not think those two points were

necessarily linked. He stated that inability to meet demand in certain areas would continue to exist, whether or not new programs were approved, unless salaries were made adequate to attract faculty in areas of high demand and budgets for supplies and equipment were increased so that enough course sections could be created to meet demand. That was an issue which he considered to be separate from the on-going process of adjusting curricula to the needs of society. Indicating that he had a related concern, he cautioned against losing sight, in the zeal to meet new demands, of the principal purpose of a university to preserve and advance the body of human knowledge. "We cannot give up the study of archeology or political science or economics simply because there is a great demand for medical technology." The chancellors were sensitive to this concern, he felt, adding that it might be necessary to accept the fact that the University could not satisfy demands in all areas. He thought the difficulty in responding to the question which had been raised was that, because fungible dollars were involved, it could not be said that resources were taken from one area and put into another. Rather, there were retrenchments as a matter of course in areas of decreasing demand, which freed resources for use in meeting society's new demands.

Regent Beckwith then commented on the proposed Ph.D. in architecture, stating that the programs in architecture and in the fine arts had done more to bring respect to UW-Milwaukee than many others and that, in the few years since it had been established, the architecture program had achieved national prominence. Noting that there were few schools of architecture in the country, he felt UW-Milwaukee had a responsibility to extend its skills in that area to a research Ph.D. program. "I think it is a worthy program; it is a program that should be supported by the regents."

Addressing a parliamentary point, Regent Knowles observed that any regent had a right to ask for division of the question on a multiple-part resolution, like the one before the Board.

Regent Schilling thought the issue before the Board of Regents was whether there should be such a program in the System, rather than how the reallocation decision was reached. "I think we are treading on dangerous ground in terms of our respective roles if we try to second-guess a reallocation that was determined by the administration, faculty, and hopefully the students, on an individual campus."

Although the Board should not intervene in campus decisions, Regent Veneman said, it would be worthwhile for the regents to hear a presentation on procedures employed in determining allocation of resources, so that policy issues could be addressed with adequate background information.

Indicating that he shared the concern about not becoming involved in campus decision-making, Regent Grover noted that Chancellor Guskin had stated his commitment to managing declining resources by selective decisions regarding program emphases, rather than by cutting across the board, and that those kinds of decisions at the institutional level were to be encouraged. However, he remarked, in the case of the proposed Ph.D. degree, it would be helpful to know in general which program areas were shrinking in terms of resources devoted to them.

Regent Lawton expressed his strong support for the Ph.D. in architecture, indicating that in his view the Board should not ask Chancellor Horton to identify, even in general terms, areas which would be cut back. He agreed, however, that at some future time a description of the process, as suggested by Regent Veneman, would be useful.

Pointing out that increases in productivity also could play a role, Regent Heckrodt said that it was not entirely a matter of taking resources from one area and putting them into another. "There are ways of working it out and I assume that they are doing this. Maybe somebody is working a little harder and a little smarter out there."

Regent Fox requested an exact definition of the role of the Board of Regents with respect to new degree programs.

President O'Neil said the reallocation process included at least two dimensions, the first being constant re-examination of and change in curricula. He had a sense that many people did not recognize the extent to which the content of courses changed, even from year to year, and that there were more dramatic changes which appeared in course listings and catalogues, adding that the process received a great deal of time and attention, even within established programs. A second dimension was reallocation between program areas, he continued, noting that there was no difficulty in describing what was happening in that respect. Indicating that transfers occurred as enrollments declined in some areas and increased in others, he cited as an example enrollment declines of a third or more in the field of education at a time when enrollments in business had more than doubled. He thought there was an inability, however, to identify with certainty the places from which positions needed for the doctoral program in architecture would come, indicating that it depended on a number of factors which included retirements and opportunities that might develop. With respect to the point made by Regent Heckrodt, the President felt it would be valuable to present some data to show what had happened to class sizes and faculty workload, stating that in some fields great pressures had been placed on individual faculty members because enrollments had risen faster than faculty could be recruited to meet the demand. He said a presentation encompassing all those parts of the process could be brought to the Education Committee, with all regents invited to attend.

Regent Beckwith agreed that a review of the reallocation process would be helpful, stating that he was pleased to learn that there was the willingness and flexibility to reallocate resources in the face of constraints not encountered in business, such as tenure and inability to raise faculty salaries in certain areas to meet outside competition. "I think that by and large the System and the chancellors do a very good job." As long as the need to retain core curricula throughout the System was kept in mind, he felt the kinds of changes to which President O'Neil had referred represented positive trends.

Remarking that he also would appreciate further explanation concerning the process, Regent Jesinski expressed concern about standards for termination of programs in cases where new programs were not being created and requested that information on that subject also be provided.

With regard to the fortunes of letters and sciences, President O'Neil observed, it was reassuring to note that most of the chancellors had backgrounds in those areas and were not, therefore, likely to slight the status of their own academic disciplines in making allocation decisions.

Regent Grover emphasized that what he was seeking was information about general trends, inasmuch as he thought it important for the Board to understand those trends in terms of student demand, course offerings and budget allocations.

✓ Coordination - Intereystem - Coord w/VTAE in Nursing Programs - discussed, p. 11

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✓ VTAE - coord w/UW System, etc

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✓ Nursing Programs - UW/VTAE coord in nursing programs - discussed, p. 11

In comments related to the UW-Superior nursing degree completion program, Regent Hendrickson spoke about the problem of credit transfers. He explained that the two-year associate degree programs offered by the vocational-technical schools did not include some courses required for entry into baccalaureate degree programs, and that about half of the credits would not transfer. He was deeply concerned, he said, because he did not feel the University System was coordinating with nearby vocational-technical schools for exchange of teachers or curricula.

Regent Lawton said the Statewide Nursing Study had addressed those issues, indicating the Health Science Advisory Committee and the Health Policy Council considered its recommendations to be generally good. While the moratorium on new nursing programs imposed by the Legislature had been lifted, he thought the direction that would be taken still was uncertain. Noting that the University had taken a very active interest in the study, he remarked that it was viewed by some as being totally a university product, although there were hundreds of people involved representing diploma schools, the vocational-technical school system, hospitals and other areas. He felt that efforts to resolve the problems identified by Regent Hendrickson should be continued and expressed confidence that they could be resolved. Indicating a committee of the Health Policy Council was to be appointed to work on those issues, he hoped the committee could assist the University in its efforts.

Regent Hendrickson explained that he called attention to the matter because each vocational-technical school was adding a nursing program, with the transfer issue still unresolved. He urged that efforts be made to find a solution to that problem.

Regent Erdman asked if there would be cooperation with the technical institute in Superior.

Replying that UW-Superior had a joint committee with the technical institute, Vice Chancellor Haugland said exchanges of courses were being explored. He stated that members of the Indianhead Technical Institute nursing staff were on the University's admissions committee and that UW-Superior was very sensitive to the problems faced by associate degree nurses. According to admissions requirements, associate degree nurses who passed examinations were granted the equivalent of 48 nursing credits, he continued, adding that liberal arts courses, however, would not transfer.

Regent Hendrickson said the problem was that they could not be expected to pass such competency tests without having studied anatomy, physiology and other required courses.

Noting that he had served for years on the joint committee of the VTAE System and the UW-System, Chancellor Weidner recalled that the committee had considered the case of a dental program, involving the same principle and courses that related to nursing. The recommendation had been that the universities, at the invitation of technical institutes, teach those general education courses, he explained, adding that no such invitation had been received.

Put to the vote, the following resolution was adopted unanimously:

Resolution 2485: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellors and faculties of the institutions involved, the following new academic programs be approved for planning and implementation:

- ✓ Academic Progs, UW-Madison - Approvals - Human Cancer Biology, M.S./Ph.D.
- ✓ EX-reg-Degrees, Human Cancer Biology - Textiles and Design, Ph.D.
- ✓ Textiles & Design
- R. 2485, p. 8-13
- ✓ UW-Milwaukee - Progs - Comparative Study of Religion, B.A.
- R. 2485, p. 8-13 Approvals - Human Kinetics, M.S.
- ✓ UW-Oshkosh - Progs - Study of Religion, B.A./B.S.
- R. 2485, p. 8-13 Approvals
- ✓ UW-Stevens Point Progs - Public Administration and Policy Analysis, B.S.
- R. 2485, p. 8-13 Approvals
- ✓ UW-Superior - Nursing Degree Completion Program, BSN
- Approvals
- ✓ UW-Whitewater - Production/Operations Management, BBA
- R. 2485, p. 8-13

It was moved by Regent Beckwith and seconded by Regent Finlayson that Resolution 2486 be adopted.

Resolution 2486: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor and faculty of the University of Wisconsin-Milwaukee, the following new academic program be approved for planning and implementation:

- ✓ UW-Milwaukee - Progs - Architecture, Ph.D., R. 2486, p. 8-14
- Approvals

Regent Fox pointed out that the Ph.D. in architecture was more costly than the other new programs, stating that he would not like to see a trend develop whereby the University merely responded to demands of business and did so at the expense of traditional programs. He added that he had not received a sufficient explanation of priorities at UW-Milwaukee.

Regent Erdman also felt it was a very expensive program and remarked that the regents should look carefully at graduate programs, not only because of the cost and personnel involved, but because they have in a sense the whole impetus of the System behind them. She hoped there would be full consultation on such questions in the future, inasmuch as System resources must be concentrated in order to make best use of them. In this case, she added, she had been assured that doctoral programs in architecture at UW-Milwaukee and urban planning at UW-Madison would not duplicate each other even though there were quite a few similarities. She also was concerned that the proposed degree would place a theoretical emphasis on a program that needed to put its best professional foot forward. After talking at length, however, with Dean Catanese and Chancellor Horton, she said that she could understand their views and that she would vote very reluctantly for the resolution.

Indicating that he viewed the program as an extremely scholarly, research-oriented endeavor, Regent Lawton said he was very supportive of it.

The question was put on Resolution 2486, and it was adopted, with Regent

- ✓ Fox voting "No."
- ✓ Educational Admin Progs - Progress report on cooperative programming between UW-Msn & UW-Whitewater, p. 14.
- ✓ xref Educational Admin - UW-Msn (Dept.)

Regent Beckwith continued the report of the Education Committee, stating that reference had been made to a progress report on cooperative programming in educational administration at UW-Madison and UW-Whitewater (copy on file with the papers of the meeting). It was the first interinstitutional agreement made pursuant to the Regent-approved resolution limiting educational administration degree programming to UW-Madison, UW-Milwaukee, and UW-Superior, while stipulating that master's degree programs at those institutions would be available through interinstitutional agreements at UW-Oshkosh, UW-River Falls, and UW-Whitewater. That was a good example, he added, of regent action sensibly limiting graduate programs. President O'Neil had observed that the interinstitutional agreement was evidence of a commendable willingness on the part of faculties and administrations to engage in cooperative programming. Remarking that other examples of cooperative agreements within the System had come to his attention during recent months, the President mentioned the possibility of an information report which would detail the essential provisions of those arrangements.

- ✓ UW-Whitewater Programs - progress report on coop. programming in educational admin. w/ UW-Msn, p. 14.

Adoption of the following resolutions, approved by the Committee in closed session, was moved by Regent Beckwith, seconded by Regent Hendrickson and voted unanimously:

- ✓ UW-Milw-Staff  
Auth to recruit for  
Dean, College of Engineering  
& Applied Science.  
R. 2487, p. 14.
- Resolution 2487: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Milwaukee, the Chancellor be granted authorization to recruit for a Dean of the College of Engineering and Applied Science at the University of Wisconsin-Milwaukee

- ✓ UW-SP-Staff  
Auth to recruit for  
Dean, College of Fine  
Arts, R. 2488, p. 14.
- Resolution 2488: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Stevens Point, the Chancellor be granted authorization to recruit for a Dean of the College of Fine Arts at the University of Wisconsin-Stevens Point.

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REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Chairman Fox presented the Committee's report.

In conjunction with the Committee's review of gifts, grants and U.S. government contracts, Vice President Lorenz reported that the largest single granting agency was the National Institutes of Health which provided 36 research grants totaling almost \$3.5 million, that several large continuing grants were received from the Department of Energy and that there was a new contract with NASA for a space shuttle experiment. The cumulative totals were about \$6 million more than at the same time of year in 1980, with the only significant increases being in research funding. Current reports from Washington indicated government uncertainty about the level of funding for fiscal years 1982 and 1983. It was noted that a proposal by the administration to reduce the appropriation for National Institutes of Health by 20 percent would result in an annual reduction for UW-Madison of about \$10 million, but that, because the House and Senate proposals were less drastic, it was difficult to make meaningful projections.

Upon motion by Regent Fox, seconded by Regent Fitzgerald, Resolution 2489 was unanimously adopted.

Resolution 2489: That, upon recommendation of the President of the University of Wisconsin System, the gifts, grants and contracts presented at this meeting (copy filed 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.

✓ *Federal fundings - Res. to convey consequences of reductions in  
Fed support to Congressional delegation, R. 2489, P. 15-16  
ex-ref. Government*  
Regent Fox stated that Committee members had expressed concern about the possibility of substantial reductions in federal research support and that it was felt the Wisconsin congressional delegation should be made aware of those concerns.

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

Resolution 2490: That the President of the University of Wisconsin System, on behalf of the Board of Regents, communicate with the Wisconsin congressional delegation outlining the serious consequences of a precipitous reduction in the level of federal research and training funds currently available for institutions of higher education.

Regent Schilling inquired about the extent to which there had been efforts to coordinate discussions with the congressional delegation and to communicate with them as a System.

President O'Neil replied that the previous March he met with some members of the congressional delegation, along with staffs of others who were not present, to discuss both financial aid and funding for research, adding that since then information had been made available to them on specific issues such as sea grant funding, library support and financial aid. The tendency was to rely largely on representatives of particular program areas in dealing with staff members who specialize in those topics, he said, as well as on national higher education organizations to represent views that transcend those of individual institutions and states. As suggested in his earlier report, he thought



this was an area in which a more intensive approach would be needed in the years ahead. "In fact, it is a remarkable tribute, I think, to the principal investigators and others . . . that we have done as well as we have without a more concentrated relationship of the kind that many state universities and states have."

While the efforts of individual chancellors should not be blunted, Regent Schilling added, he hoped there would be coordinated contact with congressmen and senators on a systemwide basis in order to maximize those efforts.

Put to the vote, Resolution 2490 was unanimously adopted.

The Committee next considered the bequest of Florence C. Pulver of Aiken, South Carolina, whose will provided that her estate be divided into equal shares to be used as scholarship funds at each of three educational institutions, that the Florence Waste Pulver Scholarship Fund be administered in such manner as the respective institutions desired, and that the principal be kept intact, with income only to be used for scholarships. The three institutions named were the University of Wisconsin, Lawrence University and Tomassi DAR School. Florence Pulver received a bachelor of arts degree from the University of Wisconsin-Madison in 1914, having majored in English. The estimated amount of the estate was at least \$32,000.

Adoption of the Resolution 2491 was moved by Regent Fox, seconded by Regent Finlayson and voted unanimously.

Resolution 2491: That the bequest of the late Florence C. Pulver, Aiken, South Carolina be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the last will and testament of Florence C. Pulver, deceased, and that the Trust Officer or Assistant Trust Officer be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the University of Wisconsin-Madison.

✓ Bequests UW-Msn - bequest of Florence C Pulver for Florence Waste Pulver Scholarship Fund, R. 2491, P 16  
✗ Top Scholarships - Florence Waste Pulver Fund

Pulver Florence C - bequest to UW-Msn for, etc

Regent Fox stated that the Committee received a report on 1981-82 unclassified salary adjustments (copy on file with the papers of this meeting). The components of the plan were outlined by Associate Vice President Gene Arnn, who emphasized the importance of the flexibility given the System and institutions in distributing funds to pursue particular goals, especially retention of highly qualified faculty and recognition of merit. The various institutional policies were outlined in the report. Action taken by the Board under s. 36.09(1)(j), Wis. Stats., in June 1981 enabled the administration to move quickly to implement the pay plan after the Joint Committee on Employment Relations acted in August and served to protect the July 1 effective date of the pay plan during the subsequent court test.

The Committee's review of the report highlighted the following facts:

✓ Salaries - report on unclassified salary increases, p. 16-17;  
status of exec. pay plan, p. 16-17.

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Of a total unclassified staff of 12,108 people, only 33%, or 3,949 people, received salary increases in the range of 7.6% to 8.5%.

About 3% of the unclassified staff, or 374 people, received no more than a 2% salary increase.

About 1% of the unclassified staff received increases of more than 15%.

About 60% of the unclassified staff received salary increases of less than \$2,000 a year.

During Committee discussion, Regent Knowles inquired about the status of the executive pay plan. Associate Vice President Lemon had responded that the proposed bill had been tabled and that it would be helpful for Board members to contact appropriate people in the Legislature to urge removal of restrictions included in the draft legislation approved earlier in the year by the Joint Committee on Employment Relations.

✓ Budget - report of 1981-82 budget problems, p. 17-19.  
✓ Access - Access versus quality question discussed, p. 17-19

The Committee then heard a preliminary report on 1981-82 budget problems. Indicating that several chancellors wished to provide first-hand information about their concerns, Vice President Lorenz advised the Committee that, at President O'Neil's request, the chancellors had submitted reviews of how they were coping with the problems of doing more with less. The responses made it clear that student access had been reduced and that library acquisitions were not keeping pace, along with other difficulties. UW-Whitewater Chancellor James Connor had stated that the major difficulty on that campus was the accommodation of additional students, with the fall enrollment of 10,200 students being the highest in UW-Whitewater's history. A document distributed to the Committee detailed examples of the impact of budget reductions on numbers of closed sections in mathematics, English, speech, communications, philosophy, religious studies, economics and business. Inflation had adversely affected telephone, postage, equipment and supply purchases; student help had been substantially reduced; computing services were inadequate; hours of tutoring had been reduced; and substantial funds were needed just to stay even in library acquisitions. In response to Chancellor Connor's presentation, Regent Schilling stressed the importance of addressing the issue of quality and access--a policy matter that should be brought to the Legislature's attention in the next biennial budget presentation.

✓ uw-Whitewater - discussion of budget problems, p. 17-19.

UW-Eau Claire Chancellor M. Emily Hannah made the next presentation to the Committee, commenting that the budgetary crisis was not simply due to the state of the economy, but represented a shift in public policy. She said the campus had exhausted the remedies of inventory reductions, deferral of purchases, larger sections, doubling up in laboratory sections, and other types of short-term relief. Noting that, for the fall semester, freshmen enrollments were limited to 175 less than the previous year, the Chancellor cited specific financial needs for the second semester totaling almost one-half million dollars. In her view, it was essential that more funding be made available, and she urged that the Board pursue additional appropriations or approve modest fee and tuition increases.

✓ uw-Eau Claire - disc. of budget problems, p. 17-19

Informing the Committee that UW-Stout had the same problems as previously identified, Chancellor Robert Swanson noted that enrollment restrictions had been in place since 1975, with 500-1000 qualified students denied access each year. Consideration was being given, he added, to a reduction of 400 in the following year's enrollment. There were severe problems relating to instructional equipment, much of it being worn out or obsolete, with replacement costs of \$12-\$15 million, he said, adding that only limited efforts had been possible in such new areas as robotics and integration of computers with manufacturing equipment.

*✓ UW-Stout disc of budget problems, p. 17-19.*

UW-Green Bay Chancellor Edward Weidner then addressed the Committee, pointing out that the institution had a record enrollment in the current year and that in the last four years enrollment growth was equivalent to the total student body at Lawrence University. Instead of a budget increase equivalent to the budget of Lawrence, he said, UW-Green Bay had suffered a \$600,000 budget cut. Citing the same problem areas as those mentioned by other chancellors, he observed that the almost annual budget cuts had forced continuous priority decisions in allocating limited resources, with the effort having been to protect the instructional program, while substantial reductions had been made in administration and support areas. In conclusion, he stated that UW-Green Bay had mortgaged the second semester to accommodate current semester enrollment and that at least \$250,000 was needed for the balance of the year.

*✓ UW GB disc of budget problems, p. 17-19.*

Regent Beckwith said he was troubled by acceptance at UW-Whitewater of students who could not be offered courses necessary to move toward a degree. Going to the Legislature would not solve the problem, he remarked, because there would be no more money for some time. Although it might not be possible to accommodate all interested students in certain business or technical courses due to faculty limitations, he thought that, if students could not take needed courses in such subjects as English, it would be necessary to look seriously at the enrollment policies of UW-Whitewater. "That is a painful thing to do, but our responsibility as a Board of Regents is to protect this System. And if we are not provided the resources necessary to deliver quality education to all of those students, the only way to protect the System and to protect it for those students is to deliver as much as we can. That may mean that we cannot admit everyone."

Recalling that some years ago, the Board received a lengthy report which addressed the question of quality versus access, Regent Erdman said there was no question that access would have to be limited in order to protect quality. It was her understanding that the University System had been attempting to maintain quality by limiting access, although occasional miscalculations in the admission process might have occurred.

Regent Beckwith observed that UW-Stout had recognized the problem by placing a cap on enrollments, while at UW-Whitewater there was no enrollment limit.

There were two additional factors to be considered in analyzing the situation, President O'Neil added, the first being that admissions for the fall were based on 100 percent of the enrollment funding formula. It was not until well into May that the prospect of a reduction materialized, by which time most admission decisions had already been made. Indicating that the problem was only in part one of new student admissions or student transfers in excess of expectations, he explained that a major complication had been the higher rate of retention from year to year of continuing students who could not be turned away once enrolled. If the rate of retention was higher than projected on the basis of past experience, the entire calculation would be much farther off the mark than would be caused by any error in admission of new students.

Regent Beckwith was reminded of the statement made by a member of the Department of Administration staff, who described the enrollment funding formula as a formula that tells the University how much it should have gotten but would not get. Stating that he did not think it could be assumed any longer that the formula would produce, he observed that it could be turned on or off at the will of the Legislature. It seemed to him safer to assume that the University would not get as much as it should and to act accordingly. Recognizing that one could not be critical of an institution which was trying to do its best, he thought, nonetheless, that the problem must be addressed at this time.

Noting that the same concerns had been raised at the Business and Finance Committee meeting, Regent Schilling said the Committee had been assured that the situation was not intentional and that steps were being taken to cope with it. It was simply a matter of having more students and less money, he pointed out, adding that there probably would be no more money--perhaps even less--in years to come. "The question that I raise for this Board is whether we are going to take the initiative, not departing from the basic principle that higher education ought to be better funded as a whole, but does this Board start talking now, philosophically, out of the heat of a budget session, about access and quality?" Rather than simply stating that there was not enough money, he suggested that a better approach would be to describe the kind of University System the state would have at a certain funding level and ways in which it would be scaled back if fewer dollars were provided.

Observing that the two percent reduction in UW-Whitewater's budget accounted for the inability to serve at least 500 students and came at a time of year when there was little flexibility to adapt, President O'Neil urged that long-term planning be separated from short-term dislocations of that kind. He remarked that the problem was one of relatively short duration, inasmuch as enrollments would be declining by 1983-84, at which time the issue would be retention of resources as enrollment declined rather than gaining new resources to serve additional students. Adding that the Enrollment Funding Alternatives Committee, chaired by Chancellor Penson, was identifying alternatives for consideration by the chancellors and later by the Board, he indicated that the Committee's work offered the greatest hope for thoughtful exploration of those issues.

✓ Building Corp, Wis. Univ - status report, p. 19.

✓ Building Corp, Wis. State Colleges - status report, p. 19.

Regent Fox continued the Report of the Business and Finance Committee, summarizing information presented by Vice President Lorenz on the status of the Wisconsin University Building Corporation and the Wisconsin State Colleges Building Corporation. A great deal of the construction of non-academic facilities in the 1950s and early 1960s had been financed through those building corporations, with title transferred to the Regents upon completion of payments for the projects. The outstanding debt for the two corporations was over \$37 million, the debt instruments providing for interest payments ranging from 2.75 percent to 4.375 percent.

The Committee was advised that, since fall enrollments had exceeded budget estimates, there should be some additional fee and tuition income. A full report was expected the following month.

Concluding his report, Regent Fox said the Committee was informed that residence halls occupancy for the current year was at a record level of 35,638--507 more than the previous year, with UW-Oshkosh and UW-Milwaukee recording the greatest increases.

Res Halls - occupancy at record levels, p. 20

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REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

The Committee's report was presented by Chairman Gerrard.

Regent Gerrard announced that the Committee had toured facilities at UW-River Falls, UW-Stout, UW-Eau Claire and UW-Stevens Point. Indicating that the Committee wished to visit each campus, Regent Gerrard invited all regents to participate. It was expected that the Committee would view facilities at UW-Superior, UW-La Crosse and UW-Platteville in November or December.

UW-RF - Report on tour by PP&D Comm., p. 20 (same entry for UW-EG)  
UW SP & UW Stout

The Committee reviewed a request for authority to sell two parcels of unimproved land totaling 3.94 acres to the City of Platteville for improving and expanding the municipal wastewater treatment plant. The use of campus land to expand the present plant was considered the most cost effective plan to follow, and, in conjunction with the land sale, it was understood that the University would grant an easement to the city involving 1.32 acres of undeveloped land to allow reconstruction and improvement of Greenwood Avenue and that the city would vacate in favor of the Board about a half acre of the westernmost portion of Richard Street and quit claim another small parcel in the middle of the campus.

Upon motion by Regent Gerrard, seconded by Regent Fitzgerald and carried unanimously, the following resolution was adopted:

UW-Platteville - Bldgs & Land  
Auth to sell 2 parcels of unimproved land for wastewater treatment plant; granting of easement to city; city to vacate 2 parcels to Bd., R. 2492, p. 20

Resolution 2492: That, upon the recommendation of the UW-Platteville Chancellor and the President of the University of Wisconsin System, authorization be granted to sell two parcels of unimproved land, totalling 3.94 acres, to the City of Platteville for \$13,600 for their use in improving and expanding the municipal wastewater treatment plant.

x-reg Platteville, City

Further, as a part of this land sale, it is understood that the university will grant an easement to the City involving 1.32 acres of undeveloped land to allow reconstruction and improvement of Greenwood Avenue and that the City will vacate in favor of the Board a 0.53 acre westernmost portion of Richard Street and quit claim a 0.11 acre mid campus parcel.

✓ Environmental Policy Act, Wisconsin - 1st reading of  
policy statement on implementation, p 21.

Regular Board 10-9-81 ✓ Wis Environ Policy Act

see Environ. Policy Act.

Regent Gerrard reported that a policy statement on implementation of the Wisconsin Environmental Policy Act in the UW System was presented to the Committee for a first reading. Noting that the System had been operating under policies established by a Governor's Executive Order issued in February 1976, he explained that in 1980 each state agency was asked to implement the policy through its own action. Although there were outside groups which felt the policies should be put in the form of administrative rules, it was the position of System staff that the procedure proposed in the policy statement would fully satisfy WEPA requirements, and it was understood that other state agencies were considering a similar approach. It was expected that the policy statement would be brought to the Board for action at the November meeting.

State Senator Gary Goyke, Chairman of the Senate Education and State Institutions Committee, was introduced by Regent Gerrard and welcomed to the Board meeting.

The Committee approved an agreement between UW-Eau Claire and Sacred Heart Hospital, located next to the north campus, for the sale of steam to the hospital by the University. The agreement was similar to one approved by the Board in July for sale of steam to the technical institute and, like that one, would run for ten years.

Regent Gerrard moved adoption of Resolution 2493. The motion was seconded by Regent Finlayson and voted unanimously.

✓ UW-EC  
Approval of sale of  
steam to Sacred Heart  
Hosp., R-2493, p. 21  
✓ Sacred Heart Hosp, Eau Claire  
Approval of sale of steam  
by UW-EC to hosp.  
R-2493, p. 21.

Resolution 2493: That, upon the recommendation of the UW-Eau Claire Chancellor and the President of the University of Wisconsin System, approval be granted to the agreement developed between the University and Sacred Heart Hospital for the sale of steam to the Hospital by the University, including construction by Sacred Heart Hospital of an interconnect for the movement of steam between the Hospital and the University.

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

Resolution 2494: That, upon the recommendation of the UW-Eau Claire, Madison, Platteville, Superior and Whitewater Chancellors and the President of the University of Wisconsin System, the following minor projects be approved and authority be granted to plan, bid and construct, at the cost and from the funding sources indicated:

✓ UW-Eau Claire - Bldgs & lands

Approved by North Campus Parking Area Development (Phase II),  
~~Program Revenues - Non-GPR~~, R-2494, p. 21-22

\$69,000

✓ Van Vleck Hall - UW-Msh UW-Madison

Approval of — Van Vleck Hall Plaza Slab Structural Study,  
~~SBTF-GPR~~ R-2494, p. 21-22

21,000

Approval of	✓ <u>UW-Platteville - Bldgs &amp; hands</u>	Royce Hall Shower Improvements, <del>Program Revenues-</del> <del>Non-GPR</del> R. 2494, p 21-22	30,300
Approval of	✓ <u>UW-Superior - Bldgs &amp; hands</u>	Wessman Arena Roof Decking/Truss Repainting Project, <del>Program Revenues - Non-GPR</del> R. 2494 p 21-22	75,000
Approval of	✓ <u>UW-Whitewater - Bldgs &amp; hands</u>	Hamilton Hall Demolition and Site Restoration, <del>SBTF - GPR</del> R. 2494, p 21-22	55,400

Regent Gerrard stated that the Committee reviewed a request to lease an additional 3,200 square feet of temporary space for the UW-Madison School of Veterinary Medicine at an annual cost of \$21,600. It would amend a lease approved by the Board in December 1979.

Upon motion by Regent Gerrard, seconded by Regent Jesinski, the following resolution was unanimously adopted:

Resolution 2495: 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:

3,200 square feet of office and office service space on the second floor of a building located at 333 North Randall Avenue, Madison, Wisconsin

The University of Wisconsin Foundation, Lessor  
702 Langdon Street  
Madison, Wisconsin

The term of the lease will be from November 1, 1981 through December 31, 1982 at an annual lease cost of \$21,600 (\$1,800 per month) and is an amendment to the lease approved by the Board on 12/14/79 (Resolution 2052) covering 3,417 square feet of third floor office space and 1,699 square feet of basement space, also for the School of Veterinary Medicine faculty and staff.

✓ Veterinary Medicine  
Sch. of - Approval of  
lease of space at  
333 N. Randall Ave  
from UW-Foundation  
R. 2495, p 22

✓ UW-Foundation  
Approval of lease  
of space from foundation  
at 333 N. Randall  
Ave. for School  
of Veterinary Medicine  
R. 2495, p 22.

✓ 333 N. Randall Ave

A concept and budget report for a three-building energy modification project at UW-Stevens Point was presented to the Committee, the cost being \$609,800 with authority to plan, bid and construct. The project involved modifications in the Physical Education Building, College of Letters and Sciences and the College of Professional Studies. Items included had been selected on the basis of providing an estimated payback of ten years or less.

Adoption of Resolution 2496 was moved by Regent Gerrard, seconded by Regent Hendrickson and carried unanimously.

UW-SP Bldgs & Land  
Approval of C&B  
Report for three bldg  
energy modifications  
R-2496, p. 22-23.

Resolution 2496: That, upon the recommendation of the UW-Stevens Point Chancellor and the President of the University of Wisconsin System, the concept and budget report for the Three Buildings Energy Modifications Project (Physical Education Building/College of Letters and Sciences/College of Professional Studies) be approved at a cost of \$608,900 from General Fund Supported Borrowing - Energy Conservation Allocation and authority granted to plan, bid and construct.

Regent Gerrard reported that the Committee reviewed a request to approve submission of an application for a college housing loan to make possible the construction of apartment-type housing for approximately 288 students in the south campus area at UW-Madison. Noting that such a housing development would be in keeping with the 1980 Campus Development Plan and the Board-approved agreement with the City of Madison regarding plans for the south campus, he said assistance available under the program consisted of a 30-year loan at three percent interest with a maximum limit of \$3.5 million.

It was moved by Regent Gerrard and seconded by Regent Hendrickson that the following resolution be adopted:

UW-Mdn - Bldgs & Land - Gen  
Approval of application  
to US Dept Educ for  
housing loan - R-2497  
p. 23  
Dept Education, US Dept of

Resolution 2497: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, approval be granted to submit an application to the Department of Education for consideration of a college housing loan with a maximum limit of \$3.5 million at 3% interest, under Title IV of the Housing Act of 1950, as amended by Public Law 475, 81st Congress.  
Approval of application by UW-Mdn for housing loan, R-2497, p. 23

Regent Grover inquired about the program's viability, given the uncertain status of the Department of Education.

Indicating that funding was available at the present time, Regent Gerrard said there was a great deal of competition for it and that Chancellor Shain felt the University's chances for obtaining the loan were less than 50-50. Cutbacks in such programs, he added, provided good examples of the need to improve relationships in Washington.

Regent Heckrodt pointed out the University was working in cooperation with the City of Madison to alleviate housing problems, adding that the application was only an initial step in the process.

The question was put on Resolution 2497, and it was adopted unanimously.



Continuing the report of the Physical Planning and Development Committee, Regent Gerrard indicated that the Committee heard a presentation by Mr. Richard Panke, of the System Administration energy management unit, on the operation of computerized campus mechanical and electrical monitoring systems.

Energy Conservation - Report on mechanical & electrical monitoring systems, p. 24.

A report concerning the UW-Stevens Point Campus Development Plan was made to the Committee. UW-SP - Bldgs & lands - Report on campus development plan, p. 24.

The Committee considered two additional resolutions, the first relating to an \$18,000 Humanities Building plaza study for UW-Madison and a \$200,000 small energy conservation project.

The second concerned a \$109,000 increase in the budget for UW-Whitewater's mechanical and electrical monitoring system project for a revised total of \$385,000. The increase was due primarily to escalation in cost since the budget was originally approved by the Board in 1979.

Regent Gerrard moved adoption of the following resolutions, and the motion was seconded by Regent Hendrickson:

Resolution 2498: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the following minor projects be approved, at the cost and from the funding sources indicated:

UW-Madison Humanities Bldg - UW-Mdn  
Approval of Humanities Building Plaza Study/Report Project, SBTF-GPR R-2498, p. 24 \$18,000

UW System Energy Conservation  
Approval of Small Energy Conservation Projects Program, SBTF Energy Conservation Allocation-GPR R-2498, p. 24. \$200,000

UW-Whitewater - Bldgs & lands  
Approval of increase in budget of mech. & electrical monitoring system project R-2498, p. 24  
Resolution 2499: That, upon the recommendation of the UW-Whitewater Chancellor and the President of the University of Wisconsin System, authorization be granted to increase the budget for the 1977-79 Mechanical and Electrical Monitoring System Project by \$109,000 for a revised total budget of \$385,000 from General Obligation Bonding and to award contracts.

In response to an inquiry by Regent Erdman about the purpose of the Humanities Building plaza project, Vice Chancellor Len Van Ess replied that there were problems of water leakage on the decking area, a portion of which had been repaired several years previously. Indicating that the walkway was built on top of classroom and office areas and that there was substantial deterioration of the roofing, he said an engineering study was needed to determine the proper approach to repairing it.

Put to the vote, Resolutions 2498 and 2499 were unanimously adopted.

✓ Wis. Student Assn - request for more student participation in budget process, p. 25-26  
 ✓ Governance - Disc. of student role in budget process, p. 25-26  
 ✓ CX-ref. Budget

Ms. Alison Rice, President, and Mr. Gene Weil, Vice President, of the Wisconsin Student Union (UW-Madison) addressed the Board, presenting first a WSA Senate resolution which expressed concern about lack of participation by students in the University's budget process.

Ms. Rice stated that students were denied access to the process, even though they were very much interested in participating, and that WSA intended to work with the administration toward having input into those decisions.

Adding that students were willing to learn about budget matters and felt a need to be involved in them, Mr. Weil requested that System Administration assist in developing a proper procedure for student participation.

Regent Beckwith said he would like students to be involved in the process and to be well informed, adding that student governments could be helpful in carrying the University's message to the Capitol. He pointed out, however, that when WSA representatives appeared at the July Board meeting, they left before consideration of the budget was completed and thus lost an opportunity to learn. Noting that budget matters are complex, he encouraged them to set aside enough time to be present during such discussions.

Pointing out that budget documents are public and available for review, Regent Erdman added that it would take considerable study fully to understand their meaning. "If you are willing to put in that time, we welcome you, because, after all, this is a university, not just of faculty and administrators, but of students, and we are well aware of that."

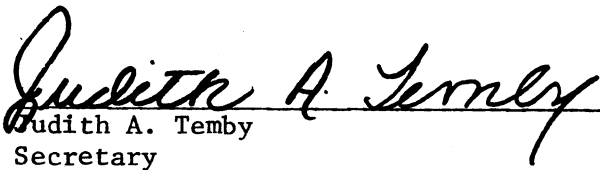
Regent Schilling referred to his earlier statement that the Board should be reluctant to question reallocations made by administrators, faculty and, hopefully, students on each campus. Indicating that he had heard on more than one occasion about dissatisfaction on the part of some student governments concerning their degree of involvement in campus budget processes, he suggested that it would be helpful to have a report on the extent to which student governments participated in the budget process of each institution.

President O'Neil recalled that a question had been raised the previous March about faculty involvement in institutional budget decisions and that he had expressed the opinion that under Chapter 36, Wis. Stats., the extent and form of participation in institutional budget processes was an appropriate matter for institutional determination and one on which there ought not to be any System policy. Indicating that he felt the same way with respect to student involvement, he thought the manner and extent of participation of all constituencies in institutional budget-making should be determined at the campus level and should not be a subject for System policy beyond ensuring that the basic guarantees of Chapter 36 were observed across the System. With regard to Regent Schilling's suggestion, he said he would consult with the chancellors and hoped to report at the next meeting the nature of those discussions and a general sense of the degree of compliance with Chapter 36.

Mr. Weil said WSA also was asking for information about the current state of affairs rather than for a System guideline. In response to a comment made by Regent Beckwith, he indicated that WSA representatives had left the July meeting because they thought discussion of the budget was completed. Noting that before the meeting he had reviewed budget documents, he agreed with Regent Erdman as to the need to become educated about their meaning.

- - -

Upon motion by Regent Gerrard, seconded by Regent Veneman, the meeting was adjourned at 12:15 p.m.

  
Judith A. Temby  
Secretary

October 27, 1981

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1981

## UNIVERSITY OF WISCONSIN - MADISON

## GIFT-IN-KIND

1. UW FOUNDATION  
MADISON, WI  
1 BERSCO CHAIR #525 WITH 4" HIGHER BACK  
GIFT-IN-KIND  
MSN ENGR ADMINISTRATION
2. GOULD INC., GETTYS DIVISION  
RACINE, WI  
TRACING HEAD AND CONTROL CIRCUITRY  
SERVO MOTORS AND CONTROLS  
GIFT-IN-KIND  
MSN ENGR ENGR EXPER STA MECH ENGR
3. BORG-WARNER CORPORATION,  
BYRON JACKSON PUMP DIVISION  
LOS ANGELES, CA  
COMPUTER EQUIPMENT  
GIFT IN KIND  
MSN GRAD WAISMN RETARD CT

## INSTRUCTION

1. EDUCATION, DEPT. OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) PROGRAM ASSISTANCE GRANT: SPEECH, HEARING AND  
LANGUAGE HANDICAPPED CHILDREN  
FOR THE PERIOD 08-01-81 THROUGH 05-31-82  
AWARD # GO08101791  
MSN L&S COMMUN DISORDERS (144-R338) 27,472.00
  - 2) GRADUATE AND PROFESSIONAL OPPORTUNITIES PROGRAM  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # GO08101402  
MSN GRAD ADMINISTRATION ADMIN (144-R339) 133,260.00
2. DHHS, PHS, HEALTH RESOURCES ADMIN.  
HYATTSVILLE, MD  
RESIDENCY TRAINING IN GENERAL INTERNAL MEDICINE  
FOR THE PERIOD 10-01-81 THROUGH 06-30-82  
AWARD # 2 028 PE15218-04  
MSN HS-MED MEDICINE GEN INT MD (144-R400) 138,233.00
3. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
PREDOCTORAL TRAINING IN EXPERIMENTAL ONCOLOGY  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AT A TOTAL COST OF \$391,681.00  
AWARD # 5 T32 CA09135-07, MOD. 1  
MSN HS-MED ONCOLOGY (144-Q951) 164,444.00
4. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS PHS NIH  
MOBILITY TRAINING FOR USE OF EXISTING PUBLIC  
TRANSPORTATION SERVICES  
FOR THE PERIOD 09-01-81 THROUGH 09-01-82  
AWARD # GA 895188-P  
MSN EDUC STU IN BEHAV DIS (144-R335) 50,000.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## INSTRUCTION

- |    |   |            |           |
|----|---|------------|-----------|
| 5. | STATE, AGENCY FOR INTERNATIONAL DEVELOP<br>WASHINGTON, DC<br>DEVELOP AND IMPLEMENT ECUADORIAN TRAINING PROGRAM<br>FOR IERAC AND MAG<br>FOR THE PERIOD 08-31-79 THROUGH 08-30-83<br>AWARD # AID/DSAN-CA-0183 MOD 7<br>MSN AG&LSC LAND TENURE CTR | (144-R405) | 67,000.00 |
| 6. | MATCHETTE (FRANKLIN J) FOUNDATION<br>WOODBURY, NY<br>FRANKLIN J. MATCHETTE FOUNDATION MEMORIAL LECTURE<br>SERIES IN PHILOSOPHY<br>MSN L&S PHILOSOPHY  | (133-4992) | 1,000.00  |
| 7. | MULTIPLE DONORS<br>SUPPORT GRADUATE COURSE IN UPPER GASTROINTESTINAL<br>ENDOSCOPY<br>MSN HS-MED MEDICINE GASTROENT  | (133-7632) | 700.00    |
| 8. | NATIONAL CONFECTIONERS ASSOCIATION<br>CHICAGO, IL<br>DEFRAY COST OF CONDUCTING THE ANNUAL<br>CONFECTIONER'S SHORT COURSE<br>MSN AG&LSC FOOD SCIENCE   | (133-8131) | 5,800.00  |

## LIBRARIES

- |    |   |            |            |
|----|---|------------|------------|
| 1. | EDUCATION, DEPT. OF<br>WASHINGTON, DC<br>TITLE II-C STRENGTHEN RESEARCH LIBRARY RESOURCES<br>FOR THE PERIOD 10-01-81 THROUGH 12-31-82<br>AWARD # G008101209<br>MSN LIBR GENERAL LIBRARY | (144-R401) | 128,604.00 |
| 2. | FRIENDS OF THE CCBC, INC.<br>MADISON, WI<br>SPECIAL SUPPORT FOR COOPERATIVE CHILDREN'S<br>BOOK CENTER<br>MSN L&S LIBRARY SCHOOL   | (133-D098) | 550.00     |
| 3. | FREEDOM FROM RELIGION FOUNDATION<br>MADISON, WI<br>PURCHASE OF BOOKS ON FREE THOUGHT<br>FOR THE MEMORIAL LIBRARY<br>MSN LIBR GENERAL LIBRARY  | (133-E811) | 918.85     |

## MISCELLANEOUS

- |    |  |  |  |
|----|--|--|--|
| 1. | HOUGHTON MIFFLIN COMPANY<br>BOSTON, MA<br>ASSIGNMENT OF PUBLISHING AGREEMENT TO<br>DELTA EDUCATION OF NASHUA, INC., NASHUA, NH<br>MSN EDUC GENERAL ADMIN DEANS OFF |  |  |
|----|--|--|--|

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

2. CITIBANK OF NEW YORK -- REPRESENTING QUARTERLY  
INSTALLMENT DISTRIBUTION OF THE LEWIS G. WEEKS  
BEQUEST (R.A. 09-09-77)  
LEWIS G. WEEKS FUND NO. 2  
(TRUST PRINCIPAL)  
MSN L&S GEOL & GEOPHYSCS ( TRUST ) 60,000.00
3. GOVERNOR'S EMPLOYMENT & TRAINING OFFICE  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
EMPLOYEE INTERCHANGE AGREEMENT  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # AGR DTD 08-12-81  
MSN L&S IND REL RES INST (144-R322) 11,993.59
4. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IPA ASSIGNMENT AGREEMENT  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # AGR DTD 08-11-81  
MSN HS-MED ANATOMY NEURO-ANAT (144-R384) 47,025.00
5. STATE, AGENCY FOR INTERNATIONAL DEVELOP  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) EVALUATE HONDURAN LAND TRANSFER - INSTITUTIONAL  
AND ADMINISTRATIVE  
FOR THE PERIOD 08-31-79 THROUGH 08-30-83  
AWARD # AID/DSAN-CA-0183 MOD 7  
MSN AG&LSC LAND TENURE CTR (144-R406) 19,430.00
- 2) ASSESS HONDURAN AGRARIAN REFORM SECTOR  
FOR THE PERIOD 08-31-79 THROUGH 08-30-83  
AWARD # AID/DSAN-CA-0183 MOD 7  
MSN AG&LSC LAND TENURE CTR (144-R407) 28,775.00
6. C.D.O. UNIVERSITY SURGICAL ASSOCIATES  
MADISON, WI  
SUPPORT AUDIOLOGIST  
MSN HS-MED SURGERY (133-A013) 20,167.09
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) 100.00
8. MADISON GENERAL HOSPITAL  
MADISON, WI  
REIMBURSEMENT FOR SALARY OF SCHOOL OF NURSING  
FACULTY MEMBER EMPLOYED PART-TIME AT MADISON  
GENERAL HOSPITAL FOR THE PERIOD 07-01-81 THRU  
06-30-82 AT A \$36,908.91 LEVEL  
MSN HS-NUR GEN INSTRUCTION (133-8664) 10,363.60

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## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

9.	MULTIPLE DONORS DEINSTITUTIONALIZATION PROJECT FUND MSN GRAD WAISMN RETARD CT	(133-B695)	392.50
10.	MULTIPLE DONORS PEDIATRIC NURSING CARE MSN HS-HSP ADMINISTRATION ADMIN	(133-C156)	45.00
11.	NATIONAL COUNCIL FOR THE SOCIAL STUDIES WASHINGTON, DC DEFRAY COST OF EDITORSHIP OF THE JOURNAL: THEORY AND RESEARCH IN SOCIAL EDUCATION MSN EDUC CURRIC & INSTR	(133-C798)	3,000.00
12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PLANNING AND DESIGN METHODS GIFT ACCOUNT MSN ENGR ENGR EXPER STA INDUS ENGR	(133-C854)	340.00
13.	ONTARIO CRIPPLED CHILDREN'S CENTRE TORONTO, ONTARIO, CANADA BLISS SYMBOL PRINTING CAPABILITY IN THE AUTOCOM MSN GRAD WAISMN RETARD CT	(133-C926)	1,675.00
14.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT MSN L&S COMPUTER SCI	(133-D865)	2,000.00
15.	BIOGEN S.A. GENEVA, SWITZERLAND ADMINISTRATIVE COSTS FOR LABORATORY MSN AG&LSC BIOCHEMISTRY	(133-E445)	500.00
16.	MULTIPLE DONORS ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E647)	675.00
17.	MULTIPLE DONORS LYLE WHITEHEAD MEMORIAL FUND MSN HS-HSP ADMINISTRATION ADMIN	(133-E774)	991.25
18.	MADISON METROPOLITAN SCHOOL DISTRICT MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 08-19-81 THRU 06-04-82 MSN HS-NUR	(133-E807)	9,441.85
19.	MUELLER (MARIE) ESTATE PHILLIPS, WI ALFRED AND MARIE MUELLER MEMORIAL MSN HS-HSP ADMINISTRATION ADMIN	(133-E824)	10,194.88

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## MISCELLANEOUS

20.	WISCONSIN YOUTH SYMPHONY ORCHESTRA MADISON, WI TEACHING ASSISTANT SUPPORT MSN L&S SCHOOL OF MUSIC	(133-E838)	5,811.86
21.	JAPAN FOUNDATION TOKYO, JAPAN STAFF EXPANSION IN ART HISTORY MSN L&S ART HISTORY	(133-E841)	13,713.00
22.	MORRIS (SUZANNE E) MADISON, WI DEFRAY COST OF COMMUNICATION AIDS FOR PATIENTS IN THE COMMUNICATIVE DISORDERS CLINIC MSN HS-HSP ADMINISTRATION ADMIN	(133-E849)	4,100.00
23.	LUCE (HENRY) FOUNDATION, INC. NEW YORK, NY LUCE FUND FOR CHINESE SCHOLARS MSN L&S E ASIAN LANG&LIT	(133-E850)	20,000.00
24.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS	(133-0179)	
	1,000.00 AMERICAN MARKETING ASSOCIATION CHICAGO, IL		
	34,295.16 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	1,000.00 ATLANTIC RICHFIELD COMPANY LOS ANGELES, CA		
	6,882.00 NORTHWESTERN MUTUAL LIFE INSURANCE COMPANY MILWAUKEE, WI		
			43,177.16
25.	WISCONSIN LAW ALUMNI ASSOCIATION MADISON, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL	(133-2128)	3,932.06
26.	FOUNDRY EDUCATIONAL FOUNDATION CLEVELAND, OH GRANT TO BE USED AT THE DISCRETION OF THE KEY PROFESSOR IN THE FEF PROGRAM MSN ENGR MET & MIN ENGR	(133-3017)	500.00
27.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS	(133-5984)	
	68,107.00 WASHINGTON UNIVERSITY ST. LOUIS, MO		
	30.00 MULTIPLE DONORS		
			68,137.00



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## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

- |                 |  |            |          |
|-----------------|--|------------|----------|
| 28.             | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>DEPARTMENT OF ELECTRICAL ENGINEERING CHAIRMAN'S<br>UNRESTRICTED GRANT<br>MSN ENGR ELEC & COMP ENGR  | (133-6718) | 2,655.00 |
| 29.             | ROHM & HAAS COMPANY<br>PHILADELPHIA, PA<br>CHEMICAL ENGINEERING DEPARTMENT CHAIRMAN'S<br>DISCRETIONARY GRANT<br>MSN ENGR CHEMICAL ENGR   | (133-6936) | 4,000.00 |
| 30.             | MULTIPLE DONORS<br>MARIA E. GUNDERSON FUND FOR HOME BEAUTIFICATION<br>MSN AG&LSC NAT RESOURCES LAND ARCH   | (133-7400) | 205.87   |
| 31.             | THERESA CATHERINE MUELLER SCHOLARSHIP TRUST<br>MADISON, WI<br>AWARD TO STUDENT (S) AS WINNER (S) IN CONTEST FOR<br>EXCELLENCE IN WRITING SHORT STORIES, ONE-ACT PLAYS<br>OR BOTH AS DETERMINED BY UNIVERSITY OF WISCONSIN<br>ENGLISH DEPARTMENT FACULTY<br>MSN L&S ENGLISH | (133-7449) | 724.26   |
| 32.             | SENSORY AND CHEMICAL PROPERTIES OF FOOD FLAVORS<br>MSN AG&LSC FOOD SCIENCE   | (133-8343) |          |
|                 | 850.00 MULTIPLE DONORS<br>7,500.00 AMERICAN CAN COMPANY<br>NEENAH, WI  |            | 8,350.00 |
| 33.             | FRIENDS OF BLUE BUS<br>MADISON, WI<br>BLUE BUS CLINIC OPERATION<br>MSN HS-UHS UNIV HEALTH SERV U HLTH SVC  | (133-8650) | 1,200.00 |
| 34.             | AMERICAN PHYSICAL SOCIETY<br>NEW YORK, NY<br>ACCOUNT FOR OPERATIONS OF EDITORIAL OFFICE OF THE<br>AMERICAN PHYSICAL SOCIETY JOURNAL<br>MSN ENGR ENGR EXPER STA NUCL ENGR   | (133-9283) | 3,000.00 |
| <b>RESEARCH</b> |  |            |          |
| 1.              | MITCHELL AND GAUTHIER ASSOCIATES<br>CONCORD, MA<br>SOFTWARE LICENSE AGREEMENT<br>MSN GRAD WAISMN RETARD CT   |            |          |
| 2.              | WHITMAN FARMS<br>MORRIS, IL<br>— PARTIAL DISTRIBUTION OF 1980 GRAIN SALES<br>WHITMAN FUND (TRUST INCOME)<br>MSN HS-MED   | ( TRUST )  | 8,500.00 |

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

3. MULTIPLE DONORS  
WISCONSIN CLINICAL CANCER TRUST FUND  
(TRUST PRINCIPAL)  
MSN HS-MED HUMAN ONCOLOGY ( TRUST ) 112.00
4. MULTIPLE DONORS  
PROFESSOR DAVID PERLMAN MEMORIAL FUND FOR  
HUMAN ONCOLOGY (TRUST PRINCIPAL)  
MSN HS-MED HUMAN ONCOLOGY ( TRUST ) 130.00
5. AGRIC, FOREST SERVICE  
MADISON, WI  
IN SUPPORT OF THE FOLLOWING:
- 1) EXPERIMENTAL STRAIN ANALYSIS OF WOOD NEAR KNOTS  
FOR THE PERIOD 08-15-81 THROUGH 12-31-82  
AWARD # FP-81-0368  
MSN ENGR ENGR EXPER STA MECHANICS (144-R349) 30,006.00
- 2) FRUITING PHYSIOLOGY OF THE WHITE-ROT BASIDIOMYCETE  
LENTINUS EODES  
FOR THE PERIOD 09-01-81 THROUGH 12-31-82  
AWARD # FP-81-0372  
MSN AG&LSC BACTERIOLOGY (144-R369) 7,180.00
- 3) AN INVESTIGATION OF PULP FURNISH QUALITY  
IMPROVEMENT BY SPRAY FRACTIONATION AT HIGH FURNISH  
CONSISTENCIES  
FOR THE PERIOD 09-01-81 THROUGH 12-31-82  
AWARD # FP-81-0386  
MSN ENGR ENGR EXPER STA CHEM ENGR (144-R370) 18,444.00
- 4) IMPROVED SAW BLADE MATERIAL  
FOR THE PERIOD 08-26-81 THROUGH 01-01-83  
AWARD # FP-81-0368  
MSN ENGR ENGR EXPER STA MET & MIN (144-R371) 25,762.00
- 5) SECONDARY METABOLISM AND OXYGEN IN LIGNAN  
BIODEGRADATION  
FOR THE PERIOD 09-01-81 THROUGH 12-30-82  
AWARD # FP-81-0773  
MSN AG&LSC BACTERIOLOGY (144-R409) 11,142.00
- 6) MANAGING CONFLICT ON THE PUBLIC LANDS  
FOR THE PERIOD 09-01-81 THROUGH 09-30-82  
AWARD # FP-81-0396  
MSN AG&LSC NAT RESOURCES FORESTRY (144-R413) 15,000.00
- 7) ASSESSMENT OF TWO-STAGE DILUTE ACID HYDROLYSIS  
PROCESS FOR PRODUCING ETHANOL AND OTHER CHEMICALS  
FROM WOOD  
FOR THE PERIOD 09-08-81 THROUGH 06-30-82  
AWARD # FP-81-0356  
MSN ENGR ENGR EXPER STA CHEM ENGR (144-R432) 23,749.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

6. AGRIC, FOREST SERVICE  
NEW ORLEANS, LA  
GENETIC VARIATION IN EASTERN COTTONWOOD: AN  
ELECTROPHORETIC ASSESSMENT  
FOR THE PERIOD 09-03-81 THROUGH 09-30-83  
AWARD # 19-81-57  
MSN AG&LSC NAT RESOURCES FORESTRY (144-R414) 10,000.00
7. AGRIC, SCIENCE & EDUCATION ADM  
ARLINGTON, VA  
IN SUPPORT OF THE FOLLOWING:
- 1) MECHANISM OF ACTION OF PHOSPHOENOLPYRUVATE  
CARBOXYLASE  
FOR THE PERIOD 08-13-79 THROUGH 08-31-83  
AT A TOTAL COST OF \$210,000.00  
AWARD # 79-59-2551-1-1-291-1, MOD. 1  
MSN L&S CHEMISTRY (144-N657) 110,000.00
- 2) FOLIAR BIOLOGICAL AND INTEGRATED CONTROL OF THE  
APPLE SCAB DISEASE  
FOR THE PERIOD 08-01-81 THROUGH 11-30-82  
AWARD # 59-2551-1-1-707-0  
MSN AG&LSC PLANT PATHOLOGY (144-R341) 40,000.00
- 3) PHYTOCHROME: SEQUENCE DETERMINATION USING  
RECOMBINANT DNA METHODOLOGY  
FOR THE PERIOD 09-01-81 THROUGH 08-31-83  
AWARD # 59-2551-1-1-744-0  
MSN L&S BOTANY (144-R385) 60,000.00
- 4) GENETIC IMPROVEMENT OF RESISTANCE TO MASTITIS IN  
DAIRY CATTLE  
FOR THE PERIOD 09-01-81 THROUGH 08-31-84  
AWARD # 59-2551-1-2-094-0  
MSN AG&LSC DAIRY SCIENCE (144-R398) 77,017.00
8. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM  
BOULDER, CO  
PARTICIPATION IN THE MONITORING OF GOES-WEST  
ARCHIVING AND DATA ANALYSIS FOR THE STREX  
EXPERIMENT  
FOR THE PERIOD 06-01-81 THROUGH 10-31-82  
AWARD # NAB1RAA03200  
MSN GRAD SPACE SCI&ENG CT (144-R355) 6,000.00
9. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM  
ROCKVILLE, MD  
ROLE OF POTENTIATORS IN SCOMBROID FISH POISONING  
AND THEIR FORMATION BY BACTERIA ISOLATED FROM TUNA  
FOR THE PERIOD 08-01-80 THROUGH 07-31-82  
AT A TOTAL COST OF \$65,841.00  
AWARD # NAB0AA-D-00095, MOD. 1  
MSN AG&LSC FOOD MICRO&TOXIC (144-Q123) 31,483.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

10. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM  
WASHINGTON, DC  
DIAGNOSTIC STUDIES OF NORTHERN HEMISPHERE  
WINTERTIME CIRCULATION PATTERNS AND THEIR  
FLUCTUATIONS ON TIME-SCALES OF WEEKS TO MONTHS-  
SUBACCOUNT  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # NA79AA-D-00129 MOD 2  
MSN ENV ST CTR FOR CLIM RES (144-R354) 76,389.00
11. EDUCATION, DEPT. OF  
WASHINGTON, DC  
UNIVERSITY OF WISCONSIN-MADISON BILINGUAL  
EDUCATION TEACHER TRAINER FELLOWSHIP PROGRAM  
FOR THE PERIOD 08-24-81 THROUGH 06-23-82  
AT A TOTAL COST OF \$68,430.00  
AWARD # G008100304, MOD. 1  
MSN EDUC CURRIC & INSTR (144-R050) 12,000.00
12. NEW CONCEPTS FOR THE HANDICAPPED, INC.  
MADISON, WI  
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE  
UW SYSTEM UNDER AGREEMENT FROM DED  
REHABILITATION RESEARCH AND TRAINING CENTER IN  
MENTAL RETARDATION  
FOR THE PERIOD 04-01-81 THROUGH 09-30-81  
AT A TOTAL COST OF \$43,530.00  
AWARD # 795P395  
MSN EDUC STU IN BEHAV DIS (144-Q717)
13. DHHS, PHS, ALCHE DRUG ABUSE MNTL HLTH ADM  
ROCKVILLE, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) POSTDOCTORAL FELLOWSHIP AWARD  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # 1 F32 MH08450-01  
MSN L&S PSYCHOLOGY (144-R362) 18,380.00
- 2) STUDIES OF SCHIZOPHRENIA-PRONE YOUNG ADULTS  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # 2 ROI MH31067-04  
MSN L&S PSYCHOLOGY (144-R390) 94,664.00
14. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) ROLE OF MEMBRANE LIPIDS IN HYPERTHERMIC KILLING  
FOR THE PERIOD 08-01-80 THROUGH 11-30-81  
AT A TOTAL COST OF \$74,190.00  
AWARD # 5 ROI CA23754-03S1  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-P950) 17,855.00
- 2) THE SPONTANEOUSLY HYPERTENSIVE RAT KIDNEY  
FOR THE PERIOD 09-01-80 THROUGH 11-30-81  
AT A TOTAL COST OF \$72,545.00  
AWARD # 5 ROI HL22836-03S1  
MSN HS-MED MEDICINE NEPHROLOGY (144-P989) 8,720.00

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- 3) NATIONAL RESEARCH SERVICE AWARD  
(REDUCED DUE TO EARLY TERMINATION OF AWARD)  
FOR THE PERIOD 08-01-80 THROUGH 06-30-81  
AT A TOTAL COST OF \$20,972.00  
AWARD # 1 F33 GM07865-01, MOD. 1  
MSN HS-MED PHYSIOLOG CHEM (144-P997) 1,453.00-
- 4) POSTDOCTORAL FELLOWSHIP AWARD  
(REVISED DOWNWARD DUE TO EARLY TERMINATION OF  
FELLOWSHIP)  
FOR THE PERIOD 12-19-80 THROUGH 07-18-81  
AT A TOTAL COST OF \$13,596.00  
AWARD # 5 F32 NS06195-03, MOD. 1  
MSN HS-MED NEUROPHYSIOLOGY (144-Q510) 6,140.00-
- 5) CENTER FOR POPULATION RESEARCH  
FOR THE PERIOD 03-01-81 THROUGH 02-28-82  
AT A TOTAL COST OF \$481,564.00  
AWARD # 5 P30 HD05876-11, MOD. 1  
MSN L&S SOCIOLOGY (144-Q632) 471.00
- 6) METABOLISM AND FUNCTION OF THE FAT-SOLUBLE  
VITAMINS  
FOR THE PERIOD 05-01-81 THROUGH 04-30-82  
AT A TOTAL COST OF \$550,373.00  
AWARD # 5 P01 AM14881-11, MOD. 1  
MSN AG&LSC BIOCHEMISTRY (144-Q744) 632.00
- 7) POSTDOCTORAL FELLOWSHIP AWARD  
FOR THE PERIOD 05-31-81 THROUGH 05-30-82  
AT A TOTAL COST OF \$19,736.00  
AWARD # 5 F32 AI05900-02, MOD. 1  
MSN AG&LSC BIOCHEMISTRY (144-Q819) 4,000.00
- 8) POSTDOCTORAL FELLOWSHIP AWARD  
FOR THE PERIOD 06-01-81 THROUGH 05-31-82  
AT A TOTAL COST OF \$19,040.00  
AWARD # 1 F32 AI06445-01, MOD. 1  
MSN AG&LSC BIOCHEMISTRY (144-Q820) 4,000.00
- 9) PROLACTIN IN NORMAL AND NEOPLASTIC PITUITARY  
TISSUES  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # 5 R01 CA18110-07  
MSN AG&LSC BIOCHEMISTRY (144-Q883) 74,632.00
- 10) POSTDOCTORAL FELLOWSHIP AWARD  
(AWARD REDUCED DUE TO EARLY TERMINATION OF  
FELLOWSHIP)  
FOR THE PERIOD 05-01-81 THROUGH 06-30-81  
AT A TOTAL COST OF \$3,290.00  
AWARD # 5 F32 HL06074-02, MOD. 1  
MSN HS-MED PREVENTIVE MED (144-Q918) 12,446.00-
- 11) MULTIDISCIPLINARY PROGRAM IN RADIATION ONCOLOGY  
FOR THE PERIOD 08-01-81 THROUGH 07-31-82  
AWARD # 5 P01 CA19278-06  
MSN HS-MED HUMAN ONCOLOGY RAD THERAP (144-Q995) 833,556.00

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- 12) IMMUNOVLOBULIN GENES OF NORMAL AND LEUKEMIC HUMAN  
DNA  
(THIS AWARD IS REVISED TO REFLECT A DECREASE IN  
THIRD PARTY COSTS)  
FOR THE PERIOD 08-01-81 THROUGH 01-31-82  
AT A TOTAL COST OF \$60,299.00  
AWARD # 1 ROI CA31013-01, MOD. 1  
MSN AGGLSC GENETICS (144-R080) 2,646.00-
- 13) REGULATION OF VITAMIN D ACTION IN ITS TARGET  
TISSUES  
FOR THE PERIOD 08-01-81 THROUGH 07-31-82  
AWARD # 5 ROI AM27234-02  
MSN HS-PHR PHARMACY (144-R098) 56,672.00
- 14) BINOCULAR INTERACTIONS IN VISUAL SYSTEM  
DEVELOPMENT  
FOR THE PERIOD 08-01-81 THROUGH 07-31-82  
AWARD # 5 ROI EY02545-04  
MSN L&S PSYCHOLOGY (144-R113) 79,505.00
- 15) SPEECH MOVEMENT RESEARCH WITH AN X-RAY MICROBEAM  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # 5 PO1 NS16373-02  
MSN GRAD WAISMN RETARD CT (144-R305) 763,548.00
- 16) HUMAN AUDITORY DEVELOPMENT - ELECTROPHYSIOLOGICAL  
MEASURES  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # 5 ROI NS16436-02  
MSN GRAD WAISMN RETARD CT (144-R306) 76,803.00
- 17) POSTDOCTORAL FELLOWSHIP AWARD  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # 5 F32 AI06173-02  
MSN L&S CHEMISTRY (144-R320) 19,040.00
- 18) BEHAVIORAL MANAGEMENT OF PARKINSONIAN SYMPTOMS  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # 5 ROI NS15796-02  
MSN HS-MED NEUROLOGY (144-R329) 62,654.00
- 19) ALLERGIC DISEASE CENTER-MECHANISMS OF VIRUS  
INDUCED ASTHMA  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # 5 P50 AI10404-11  
MSN HS-MED PEDIATRICS (144-R340) 78,725.00
- 20) COUPLES, FERTILITY MOTIVATION AND CONTRACEPTION  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # 1 ROI HD15769-01  
MSN L&S SOCIOLOGY (144-R343) 118,459.00
- 21) HUMAN VS RODENT HAMMARY MUTAGENESIS ASSAY  
FOR THE PERIOD 09-01-81 THROUGH 06-30-82  
AWARD # 1 ROI CA30295-01  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-R347) 71,913.00

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| 22) | MECHANISM OF ACTION OF INTERFERON<br>FOR THE PERIOD 09-01-81 THROUGH 08-31-82<br>AWARD # 5 RO1 A116356-03<br>MSN GRAD BIOPHYSICS   | (144-R352) | 64,056.00  |
| 23) | PREVENTIVE ONCOLOGY ACADEMIC AWARD<br>FOR THE PERIOD 09-01-81 THROUGH 08-31-82<br>AWARD # 5 KO7 CA00721-02<br>MSN HS-MED HUMAN ONCOLOGY PREV ONCOL                       | (144-R353) | 70,068.00  |
| 24) | BIOCHEMISTRY AND PHARMACOLOGY OF NA-K TRANSPORT<br>FOR THE PERIOD 09-01-81 THROUGH 08-31-82<br>AWARD # 5 RO1 HL16318-24<br>MSN HS-MED PHARMACOLOGY                       | (144-R359) | 165,073.00 |
| 25) | POSTDOCTORAL FELLOWSHIP AWARD<br>FOR THE PERIOD 09-01-81 THROUGH 08-31-82<br>AWARD # 5 F32 GM07453-02<br>MSN AG&LSC BIOCHEMISTRY   | (144-R368) | 19,040.00  |
| 26) | ENDOCRINOLOGY AND MORPHOLOGY OF HAMSTER<br>IMPLANTATION<br>FOR THE PERIOD 09-01-81 THROUGH 08-31-82<br>AWARD # 5 RO1 HD12683-03<br>MSN HS-MED ANATOMY                    | (144-R377) | 66,554.00  |
| 27) | T CELL DIFFERENTIATION BY THYMIC POLYPEPTIDES<br>FOR THE PERIOD 09-01-81 THROUGH 08-31-82<br>AWARD # 5 RO1 AI15723-03<br>MSN HS-MED PEDIATRICS                           | (144-R381) | 53,359.00  |
| 28) | CLINICAL AND EXPERIMENTAL STUDIES OF CULTURED<br>THYMUS<br>FOR THE PERIOD 09-01-81 THROUGH 08-31-82<br>AWARD # 5 RO1 A114354-05<br>MSN HS-MED PEDIATRICS                 | (144-R382) | 85,358.00  |
| 29) | CONTROL OF MEMBRANE ACTIVITY BY NEUROTRANSMITTERS<br>FOR THE PERIOD 09-01-81 THROUGH 08-31-82<br>AWARD # 2 RO1 NS13878-04A1<br>MSN HS-PSY PSYCHIATRIC INST               | (144-R393) | 70,999.00  |
| 30) | FEEDBACK TECHNOLOGY TO IMPROVE PHYSICIAN JUDGMENT<br>FOR THE PERIOD 09-01-81 THROUGH 08-31-82<br>AWARD # 1 RO1 LM03641-01A1<br>MSN ENGR ENGR EXPER STA INDUS ENGR        | (144-R410) | 225,744.00 |
| 31) | THALAMIC CONNECTIONS<br>FOR THE PERIOD 09-01-81 THROUGH 08-31-82<br>AWARD # 2 RO1 NS13453-G4A1<br>MSN HS-MED ANATOMY ALLIED PRF  | (144-R415) | 85,003.00  |
| 32) | INTESTINAL CARCINOGENICITY OF QUERCETIN AND<br>FLAVONOLS<br>FOR THE PERIOD 09-01-81 THROUGH 05-31-82<br>AWARD # 1 R26 CA31127-01<br>MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL | (144-R416) | 63,828.00  |

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- 33) POSTDOCTORAL FELLOWSHIP AWARD  
FOR THE PERIOD 10-01-81 THROUGH 09-30-82  
AWARD # 5 F32 AM06580-02  
MSN AG&LSC BIOCHEMISTRY (144-R417) 19,736.00
- 34) POSTDOCTORAL FELLOWSHIP AWARD  
FOR THE PERIOD 10-01-81 THROUGH 09-30-82  
AWARD # 2 F32 GM07553-03  
MSN GRAD ENZYME INSTITUTE (144-R422) 19,736.00
- 35) A MICROPROCESSOR-BASED NEONATAL APNEA MONITOR  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # 5 RO1 HD14103-02  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-R425) 20,910.00
- 36) ANGIOGENESIS IN THE MOUSE EYE  
FOR THE PERIOD 09-30-81 THROUGH 09-29-82  
AWARD # 5 RO1 EY03243-03  
MSN L&S ZOOLOGY (144-R428) 66,642.00
15. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS SSA  
FAMILY PLANNING EVALUATION PROJECT  
(AWARD REVISED DUE TO CHANGES IN WORK SCOPE)  
FOR THE PERIOD 07-01-80 THROUGH 09-30-81  
AT A TOTAL COST OF \$60,056.00  
AWARD # GAA 91877, MOD. 1  
MSN L&S INST-RES ON PGV (144-Q030) 4,944.00-
16. DOD, ARMY  
FREDERICK, MD  
STUDY OF TOXIC AND ANTIGENIC STRUCTURES OF  
BOTULINUM NEUROTOXINS  
FOR THE PERIOD 07-01-80 THROUGH 06-30-82  
AT A TOTAL COST OF \$89,351.00  
AWARD # DAMD17-80-C-0100, MOD. 2  
MSN AG&LSC FOOD MICRO&TOXIC (144-P826) 53,430.00
17. DOD, NAVY  
ARLINGTON, VA  
IN SUPPORT OF THE FOLLOWING:
- 1) STATISTICAL ANALYSIS OF COMPUTER SIMULATION OUTPUT  
(REDUCED TO REFLECT EARLY TERMINATION OF CONTRACT)  
FOR THE PERIOD 11-01-75 THROUGH 07-31-81  
AT A TOTAL COST OF \$221,370.00  
AWARD # N00014-76-C-0403, MOD. 7  
MSN ENGR ENGR EXPER STA INDUS ENGR (144-H208) 20,000.00-
- 2) ELECTRON SPECTROSCOPY STUDIES OF HETEROJUNCTION  
INTERFACES  
FOR THE PERIOD 06-01-77 THROUGH 05-31-82  
AT A TOTAL COST OF \$213,110.00  
AWARD # N00014-77-C-0474, MOD. 4  
MSN ENGR ENGR EXPER STA MET & MIN (144-K284) 65,000.00



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- 3) ACOUSTICAL TECHNIQUES FOR THE STUDY OF NEKTON AND ZOOPLANKTON AT WATER TYPE BOUNDARIES AND FRONTS IN THE OCEANS  
FOR THE PERIOD 09-01-79 THROUGH 08-31-82  
AT A TOTAL COST OF \$274,286.00  
AWARD # N00014-79-C-0703, MOD. 4  
MSN ENV ST MARINE STU CTR (144-N643) 112,250.00
- 4) SIGNIFICANCE OF OXYGEN DISSOCIATION CURVE SHIFTS  
FOR THE PERIOD 07-01-80 THROUGH 02-28-82  
AT A TOTAL COST OF \$118,235.00  
AWARD # N00014-80-C-0734, MOD. 1  
MSN HS-MED MEDICINE HEMATOLOGY (144-P670) 53,927.00
18. DEPARTMENT OF ENERGY  
ARGONNE, IL  
IN SUPPORT OF THE FOLLOWING:
- 1) SUPERCONDUCTIVE ENERGY STORAGE  
FOR THE PERIOD 01-01-76 THROUGH 09-30-81  
AT A TOTAL COST OF \$3,003,000.00  
AWARD # DE-AC02-76ET26602, MOD. 11  
MSN ENGR ENGR EXPER STA INTROSC PR (144-H290) 1,003,000.00
- 2) INVESTIGATION OF RF HEATING FOR TANDEM MIRROR EXPERIMENTS AND REACTORS  
FOR THE PERIOD 10-01-77 THROUGH 12-31-81  
AT A TOTAL COST OF \$3,528,692.00  
AWARD # DE-AC02-78ET51015, MOD. 7  
MSN ENGR ENGR EXPER STA NUCL ENGR (144-K783) 897,692.00
- 3) MAGNETIC CONFINEMENT FUSION PLASMA THEORY  
FOR THE PERIOD 07-15-80 THROUGH 12-31-81  
AT A TOTAL COST OF \$154,500.00  
AWARD # DE-AC02-80ER53104, MOD. 2  
MSN ENGR ENGR EXPER STA NUCL ENGR (144-Q022) 34,500.00
- 4) INVESTIGATION OF THERMAL BARRIERS AND WAVE HEATING IN A TANDEM MIRROR-TASK I  
FOR THE PERIOD 10-01-80 THROUGH 12-31-81  
AT A TOTAL COST OF \$30,850.00  
AWARD # DE-AC02-79ET53083.A003  
MSN ENGR ENGR EXPER STA NUCL ENGR (144-Q316) 7,850.00
- 5) FAST NEUTRON DOSIMETRY  
FOR THE PERIOD 11-01-80 THROUGH 12-31-81  
AT A TOTAL COST OF \$99,000.00  
AWARD # DE-AC02-76EVO1105.A006  
MSN HS-MED RADIOLOGY RADIO-PHYS (144-Q397) 14,000.00
- 6) ENERGY GENERATION AND THE SULFUR-CARBON CYCLE  
FOR THE PERIOD 03-01-81 THROUGH 02-29-84  
AT A TOTAL COST OF \$59,100.00  
AWARD # DE-AC02-76EVO2161, MOD. 6  
MSN AG&LSC BACTERIOLOGY (144-Q762) 50,000.00

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- 7) DATABASE MACHINES FOR LARGE STATISTICAL DATABASES  
FOR THE PERIOD 06-05-81 THROUGH 12-04-82  
AT A TOTAL COST OF \$152,812.00  
AWARD # DE-AC02-81ER10920, MOD. 1  
MSN L&S COMPUTER SCI (144-0947) 105,245.00
- 8) UNIVERSITY REACTOR SHARING  
FOR THE PERIOD 09-01-81 THROUGH 08-31-83  
AWARD # DE-FG02-81ER10229  
MSN ENGR ENGR EXPER STA NUCL ENGR (144-R364) 4,200.00
- 9) DEVELOPMENT OF NITROGEN-FIXING MONOCOT-BACTERIA  
ASSOCIATIONS  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # DE-AC02-80ER10717.A001  
MSN AG&LSC BACTERIOLOGY (144-R365) 72,000.00
- 10) UNIMOLECULAR DECAY DYNAMICS OF INTERNAL ENERGY  
SELECTED MOLECULES  
FOR THE PERIOD 09-01-81 THROUGH 08-31-83  
AWARD # DE-AC02-80ER10755.A001  
MSN L&S CHEMISTRY (144-R367) 100,320.00
19. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) EPIDEMIOLOGIC STUDY OF POPULATIONS PREVIOUSLY  
EXPOSED TO HEXACHLOROBENZENE  
FOR THE PERIOD 09-28-78 THROUGH 09-27-83  
AT A TOTAL COST OF \$800,000.00  
AWARD # 68-01-5002, MOD. 7  
MSN HS-MED NEUROLOGY (144-M470) 41,000.00
- 2) THE PATHOLOGY AND MICROBIOLOGICAL AND INTEGRATED  
CONTROL OF EURASIAN WATERMILFOIL IN RELATION TO  
WATER QUALITY  
FOR THE PERIOD 09-14-81 THROUGH 09-13-83  
AWARD # R807127010  
MSN AG&LSC PLANT PATHOLOGY (144-R366) 136,985.00
20. HOUSING AND URBAN DEVELOPMENT, DEPT. OF  
WASHINGTON, DC  
HOUSING MARKET PRACTICES SURVEY DATA  
FOR THE PERIOD 09-09-81 THROUGH 12-08-81  
AWARD # HC-5396  
MSN L&S INST-RES ON POV (144-R488) 5,000.00
21. INTER, FISH AND WILDLIFE SERVICE  
WASHINGTON, DC  
A STUDY OF TECHNIQUES FOR RELEASING HAND-REARED  
ANDEAN CONDORS TO THE WILD  
FOR THE PERIOD 03-01-80 THROUGH 09-30-82  
AT A TOTAL COST OF \$140,927.00  
AWARD # 14-16-0009-80-936, MOD. 2  
MSN AG&LSC NAT RESOURCES WLIFE ECOL (144-P317) 42,000.00

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22. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
WAGE BILL SUBSIDY PROJECT-PHASE II  
FOR THE PERIOD 10-01-80 THROUGH 09-30-81  
AT A TOTAL COST OF \$9,594.00  
AWARD # GAA 19217, MOD. 1  
MSN L&S INST-RES ON POV (144-Q582) 3,594.00
23. SOCIAL SCIENCE RESEARCH COUNCIL  
WASHINGTON, DC  
PRIME CONTRACTOR WITH LABOR  
THE DISTRIBUTIONAL IMPACTS OF RECESSIONS BY FAMILY  
INCOME-CLASS  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # SS-55-81-22  
MSN L&S ECONOMICS (144-R486) 11,900.00
24. NATIONAL AERONAUTICS & SPACE ADMIN.  
HAMPTON, VA  
IN SUPPORT OF THE FOLLOWING:
- 1) APPLICATION OF THE HIGH SPECTRAL RESOLUTION LIDAR  
TO THE MEASUREMENT OF ATMOSPHERIC EXTINCTION AND  
VISIBILITY  
FOR THE PERIOD 08-24-81 THROUGH 08-23-82  
AWARD # NAG-1-212  
MSN L&S METEOROLOGY (144-R342) 59,219.00
- 2) APPLICATIONS OF THE HIGH SPECTRAL RESOLUTION LIDAR  
TO THE MEASUREMENT OF ATMOSPHERIC EXTINCTION AND  
VISIBILITY - PHYSICS SUBACCOUNT  
FOR THE PERIOD 08-24-81 THROUGH 08-23-82  
AWARD # NAG-1-212  
MSN L&S PHYSICS (144-R350) 8,679.00
25. NASA, GODDARD SPACE FLIGHT CENTER  
GREENBELT, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) PARTICIPATION IN DEVELOPMENT OF AN IR TEMPERATURE  
SOUNDER FOR A SYNCHRONOUS METEOROLOGICAL SATELLITE  
FOR THE PERIOD 08-31-73 THROUGH 03-31-82  
AT A TOTAL COST OF \$3,079,615.00  
AWARD # NAS5-21965, MOD. 18  
MSN GRAD SPACE SCI&ENG CT (144-E685) 13,285.00
- 2) ULTRAVIOLET STUDIES WITH THE IUE SATELLITE  
FOR THE PERIOD 06-15-81 THROUGH 06-14-82  
AT A TOTAL COST OF \$74,376.00  
AWARD # NAG5-186, MOD. 1  
MSN L&S ASTRONOMY (144-Q873) 48,895.00
- 3) WISCONSIN ULTRAVIOLET PHOTO-POLARIMETER EXPERIMENT  
FOR THE PERIOD 09-04-81 THROUGH 09-30-82  
AWARD # NAS5-26777  
MSN L&S AST-SPA AST LAB (144-R418) 678,760.00

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

- 1) THE ISOLATION, SYNTHESIS, AND EVALUATION OF PLANT  
GENOTYPES EFFICIENT IN POTASSIUM AND PHOSPHORUS  
UTILIZATION  
FOR THE PERIOD 10-01-79 THROUGH 03-31-83  
AT A TOTAL COST OF \$217,000.00  
AWARD # PCM-7912261, MOD. 2  
MSN AG&LSC HORTICULTURE (144-N717) 75,000.00
- 2) LIGHT-REGULATED PLANT DEVELOPMENT: MODE OF ACTION  
AND SUBCELLULAR LOCALIZATION OF PHYTOCHROME  
FOR THE PERIOD 06-01-80 THROUGH 11-30-82  
AT A TOTAL COST OF \$155,000.00  
AWARD # PCM-8003792, MOD. 2  
MSN L&S BOTANY (144-P585) 15,000.00
- 3) CONVECTION OVER THE INDIAN OCEAN AND THE MONSOON  
CIRCULATION DURING SUMMER MONEX  
FOR THE PERIOD 08-01-80 THROUGH 01-31-83  
AT A TOTAL COST OF \$69,499.00  
AWARD # ATM-7920850, MOD. 1  
MSN GRAD SPACE SCI&ENG CT (144-P687) 41,237.00
- 4) REGULATION OF GENE EXPRESSION AND ENZYME  
COMPARTMENTALIZATION IN GERMINATING FAT-STORING  
SEEDS  
FOR THE PERIOD 09-01-80 THROUGH 04-30-83  
AT A TOTAL COST OF \$136,000.00  
AWARD # PCM-8009444, MOD. 1  
MSN L&S BOTANY (144-Q034) 70,000.00
- 5) ALGEBRAIC ALGORITHMS AND SYSTEMS  
FOR THE PERIOD 10-01-80 THROUGH 04-30-83  
AT A TOTAL COST OF \$124,017.00  
AWARD # MCS-8009357, MOD. 1  
MSN L&S COMPUTER SCI (144-Q081) 55,735.00
- 6) DIAGNOSTICS OF OBSERVED AND NUMERICALLY SIMULATED  
EXTRATROPICAL CYCLONES (II)  
FOR THE PERIOD 06-15-81 THROUGH 11-30-82  
AT A TOTAL COST OF \$155,946.00  
AWARD # ATM-8110678, MOD. 1  
MSN GRAD SPACE SCI&ENG CT (144-R041) 76,873.00
- 7) METEOROLOGY SUBACCOUNT  
FOR THE PERIOD 06-15-81 THROUGH 11-30-82  
AT A TOTAL COST OF \$61,654.00  
AWARD # ATM-8110678, MOD. 1  
MSN L&S METEOROLOGY (144-R042) 30,827.00
- 8) DOCTORAL DISSERTATION RESEARCH IN GEOGRAPHY AND  
REGIONAL SCIENCE  
FOR THE PERIOD 08-15-81 THROUGH 02-28-83  
AWARD # SES-8107229  
MSN L&S GEOGRAPHY (144-R345) 2,460.00

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| 9)  | STUDIES ON THE TRANSMISSION OF VENEZUELAN EQUINE ENCEPHALITIS BY SIMULIUM METALLICUM FOR THE PERIOD 09-01-81 THROUGH 02-28-84<br>AWARD # INT-8103038<br>MSN AG&LSC VETERINARY SCI | (144-R346) | 19,990.00 |
| 10) | POSTDOCTORAL RESEARCH FELLOWSHIP FOR THE PERIOD 09-02-80 THROUGH 09-01-81<br>AWARD # MCS-8017158<br>MSN L&S MATH RES CTR  | (144-R358) | 1,000.00  |
| 11) | STRUCTURES OF LAYER SILICATE MINERALS FOR THE PERIOD 09-01-81 THROUGH 02-28-83<br>AWARD # EAR-8106124<br>MSN L&S GEOL & GEOPHYSICS  | (144-R360) | 54,700.00 |
| 12) | ENZYMES SYNTHESIZING CAROTENES IN PLANTS FOR THE PERIOD 09-15-81 THROUGH 02-29-84<br>AWARD # PCM-8102805<br>MSN HS-MED PHYSIOLOG CHEM   | (144-R391) | 67,170.00 |
| 13) | GENE REGULATION DURING EARLY DEVELOPMENT IN DICTYOSTELIUM FOR THE PERIOD 09-01-81 THROUGH 02-29-84<br>AWARD # PCM-8110987<br>MSN AG&LSC BACTERIOLOGY                              | (144-R392) | 60,000.00 |
| 14) | LOW FREQUENCY WAVE PROPAGATION STUDIES IN THREE-DIMENSIONAL GEOMETRY FOR THE PERIOD 09-01-81 THROUGH 02-28-83<br>AWARD # ECS-8110038<br>MSN ENGR ENGR EXPER STA EL&COMPUT         | (144-R402) | 38,000.00 |
| 15) | POSTDOCTORAL FELLOWSHIP AWARD FOR THE PERIOD 07-01-81 THROUGH 06-30-82<br>AWARD # PDF-8166033<br>MSN AG&LSC BIOCHEMISTRY  | (144-R408) | 1,200.00  |
| 16) | COMMUNICATION, SPECIALIZATION & TASK PARTITIONING FOR THE PERIOD 06-01-82 THROUGH 11-30-84<br>AWARD # BNS-8112744<br>MSN AG&LSC ENTOMOLOGY  | (144-R412) | 54,999.00 |
| 17) | INVESTIGATIONS OF MULTI-FACET DRILL (MFD) AND OPTIMIZATION FOR THE PERIOD 09-15-81 THROUGH 02-29-84<br>AWARD # MEA-8108191<br>MSN ENGR ENGR EXPER STA MECH ENGR                   | (144-R419) | 81,550.00 |
| 18) | MEASUREMENT OF THE DIELECTRIC CONSTANT OF ANTARCTIC ICE CORE SAMPLES FOR THE PERIOD 09-01-81 THROUGH 02-28-83<br>AWARD # DPP-8112881<br>MSN L&S GEOL & GEOPHYSICS GEO&POL R       | (144-R485) | 50,080.00 |

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27.	VETERANS ADMINISTRATION MADISON, WI MEDICAL RESEARCH IN BODY PLETHYSMOGRAPH FOR THE PERIOD 04-20-81 THROUGH 09-30-81 AWARD # 607/0025 MSN HS-MED PREVENTIVE MED	(144-R348)	3,000.00
28.	MULTIPLE DONORS CANCER RESEARCH- MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	980.93
29.	CANCER RESEARCH MSN HS-MED	(133-A251)	
	50.00 1,288.20	MULTIPLE DONORS CHAMBERS, NASH, PIERCE & POOVIN LAWYERS WISCONSIN RAPIDS, WI	1,338.20
30.	UNITED WAY OF MAYVILLE, INC. MAYVILLE, WI GENERAL MEDICAL RESEARCH MSN HS-MED	(133-A253)	300.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	(133-A525)	34,700.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ANESTHESIOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED ANESTHESIOLOGY	(133-A532)	38,043.00
33.	MULTIPLE DONORS STRAWBERRY RESEARCH MSN AG&LSC HORTICULTURE	(133-A728)	500.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENERGY STORAGE PROJECT MSN ENGR ENGR EXPER STA SUPRCONDCT	(133-A797)	50,000.00
35.	MULTIPLE DONORS CANCER RESEARCH AND RELATED ACTIVITIES MSN HS-HSP ADMINISTRATION ADMIN	(133-A934)	91.00
36.	GETTY SYNTHETIC FUELS, INC. LONG BEACH, CA METHANE GENERATION FROM REFUSE MSN ENGR ENGR EXPER STA CIVIL&ENV	(133-B099)	5,851.73

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37.	THE UPJOHN COMPANY KALAMAZOO, MI IBUPROFEN IN DYSMENORRHEA (PROTOCOL #2317) MSN HS-MED OBSTET & GYNECOL	(133-B288)	5,000.00
38.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF PATHOLOGY MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-B289)	625.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF ORTHOPEDIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	ORTHO SURG (133-B574)	36,000.00
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MCELVAIN RESEARCH ASSISTANTSHIP MSN L&S CHEMISTRY	(133-B605)	6,135.19
41.	MULTIPLE DONORS GROWTH PROMOTION OF DAIRY HEIFERS MSN AG&LSC DAIRY SCIENCE	(133-C041)	500.00
42.	MULTIPLE DONORS RESEARCH IN TRANSPLANTATION MSN HS-MED SURGERY	(133-C054)	50.00
43.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN POLYURETHANE BLOCK POLYMERS RESEARCH MSN ENGR ENGR EXPER STA CHEM ENGR	(133-C370)	10,000.00
44.	AMERICAN FOUNDATION FOR PHARMACEUTICAL EDUCATION FAIR LAWN, NJ RESEARCH AND EDUCATION OF OUTSTANDING GRADUATE STUDENTS IN PHARMACY MSN HS-PHR PHARMACY	(133-C504)	7,200.00
45.	MULTIPLE DONORS ENVIRONMENTAL PHYSIOLOGY PROGRAM MSN AG&LSC HORTICULTURE	(133-C784)	200.00
46.	STAUFFER CHEMICAL COMPANY MOUNTAIN VIEW, CA CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-C975)	4,500.00
47.	DONALD D. MARSHALL PRINCETON, WI LEUKEMIA IMMUNITY INVESTIGATION FUND MSN HS-MED PEDIATRICS	(133-D016)	1,000.00
48.	APLIN & BARRETT LTD. BEAMINSTER, DORSET, ENGLAND INVESTIGATE THE NISIN SENSITIVITY OF CLOSTRIDIUM BOTULINUM STRAINS MSN AG&LSC FOOD MICRO&TOXIC	(133-D079)	57,001.00

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49.	WISCONSIN PICKLE PACKERS ASSOCIATION OCONTO, WI PLANT BREEDING AND GENETICS OF VEGETABLE CROPS MSN AG&LSC HORTICULTURE (133-D117)	2,700.00
50.	PFIZER, INC NEW YORK, NY SINGLE DOSE PHARMACOKINETIC COMPARISON OF CEFOPERAZONE REDUCED PER MUTUAL AGREEMENT MSN HS-MED MEDICINE INFECT DIS (133-D351)	50.00-
51.	MULTIPLE DONORS VEGETABLE PROCESSING RESEARCH MSN AG&LSC FOOD SCIENCE (133-D373)	150.00
52.	MULTIPLE DONORS WOMEN'S STUDIES RESEARCH CENTER MSN L&S WOMEN'S STUDIES (133-D392)	20.00
53.	MULTIPLE DONORS KIDNEY AND DIABETES RESEARCH MSN HS-HSP ADMINISTRATION ADMIN (133-D527)	106.24
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STANDARD OIL OF OHIO GRADUATE FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY (133-D987)	6,000.00
55.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI IMPROVE FORAGE QUALITY FOR CATTLE BY CHEMICAL TREATMENTS MSN AG&LSC DAIRY SCIENCE (133-E093)	2,500.00
56.	PREMIER MALT PRODUCTS, INC. MILWAUKEE, WI NEW METHODS FOR SELECTION OF MICROORGANISMS WITH INCREASED CAPABILITIES FOR THE SYNTHESIS OF ENZYMES MSN AG&LSC BACTERIOLOGY (133-E108)	11,500.00
57.	MULTIPLE DONORS AFLATOXIN IN MILK AND MILK PRODUCTS MSN AG&LSC FOOD SCIENCE (133-E243)	3,000.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC MACHINES AND POWER ELECTRONICS ACCOUNT MSN ENGR ENGR EXPER STA EL&COMPUT (133-E273)	20,000.00
59.	ENGINEERING EXPERIMENT STATION EXECUTIVE DIRECTOR'S DISCRETIONARY ACCOUNT MSN ENGR ENGR EXPER STA ADMIN (133-E302)	
	500.00 UNIVERSITY OF WISCONSIN FOUNDATION	
	6,000.00 MADISON, WI	
	1,000.00 AMERICAN FOUNDRYMEN'S SOCIETY	
	585.00 DES PLAINES, IL	
	MADISON GAS & ELECTRIC COMPANY	
	MADISON, WI	
	GETTY SYNTHETIC FUELS, INC.	
	LONG BEACH, CA	

8,085.00



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60.	MULTIPLE DONORS COMPUTER TIME ON BOZO COMPUTER MSN L&S ZOOLOGY	(133-E373)	500.00
61.	KRAFT INC. GLENVIEW, IL DEVELOPING AND IMPLEMENTING METHODS OF VEHICLE SCHEDULING IN A KRAFT FOODSERVICE DISTRICT MSN AG&LSC FOOD SCIENCE	(133-E447)	700.00
62.	MULTIPLE DONORS ENDANGERED SPECIES RESEARCH MSN AG&LSC NAT RESOURCES WILFIE ECOL	(133-E463)	500.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EFFECTS OF ANESTHETIC AGENTS ON AIRWAY SMOOTH MUSCLE MSN HS-MED ANESTHESIOLOGY	(133-E473)	38,000.00
64.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE FISH, FORESTRY, WATER AND WILDLIFE RESEARCH PROJECTS-FOREST SOILS FOR THE PERIOD 07-01-81 THRU 06-30-82 MSN AG&LSC SOILS	(133-E628)	29,507.00
65.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE FISH, FORESTRY, WATER AND WILDLIFE RESEARCH PROJECTS-FOREST PATHOLOGY FOR THE PERIOD 07-01-81 THRU 06-30-82 MSN AG&LSC PLANT PATHOLOGY	(133-E629)	38,616.00
66.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE FISH, FORESTRY, WATER AND WILDLIFE RESEARCH PROJECTS-FORESTRY FOR THE PERIOD 07-01-81 THRU 06-30-82 MSN AG&LSC NAT RESOURCES FORESTRY	(133-E630)	28,689.00
67.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE FISH, FORESTRY, WATER AND WILDLIFE RESEARCH PROJECTS-FOREST ENTOMOLOGY FOR THE PERIOD 07-01-81 THRU 06-30-82 MSN AG&LSC ENTOMOLOGY	(133-E631)	28,395.00
68.	AMERICAN PELLETIZING CORPORATION DES MOINES, IA POTATO RESPONSE TO NON-LIME CALCIUM ADDITIONS ON SANDS IN CENTRAL WISCONSIN MSN AG&LSC SOILS	(133-E671)	500.00
69.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY AMERICAN CANCER SOCIETY JUNIOR FACULTY CLINICAL FELLOWSHIP FOR THE PERIOD 07-01-81 THRU 06-30-82 AWARD # JFCF 548A MSN HS-MED MEDICINE	(133-E684)	9,000.00

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| 70. | WISC DEPT OF PUBLIC INSTRUCTION<br>MADISON, WI<br>EMPLOYEE INTERCHANGE AGREEMENT FOR THE<br>PERIOD 07-01-81 THRU 06-30-82<br>MSN HS-MED PEDIATRICS   | (133-E697) | 19,218.00 |
| 71. | MONTEFIORE HOSPITAL AND MEDICAL CENTER<br>NEW YORK, NY<br>VITAMIN D RESEARCH<br>MSN AG&LSC BIOCHEMISTRY  | (133-E706) | 1,200.00  |
| 72. | SCOTTISH RITE SCHIZOPHRENIA RESEARCH PROGRAM<br>LEXINGTON, MA<br>PSYCHOLOGICAL FEATURES OF PSYCHOSIS-PRONE YOUNG<br>ADULTS FOR THE PERIOD 06-01-81 THRU 07-31-83<br>MSN L&S PSYCHOLOGY                                     | (133-E771) | 45,488.00 |
| 73. | WISC DEPT OF NATURAL RESOURCES<br>MADISON, WI<br>VEGETATION AND SOIL CHARACTERISTICS OF TWO<br>NORTHWESTERN WISCONSIN WATERSHEDS FOR THE<br>PERIOD 05-15-81 THRU 10-15-83<br>MSN AG&LSC SOILS                              | (133-E803) | 42,960.00 |
| 74. | JUVENILE DIABETES FOUNDATION<br>NEW YORK, NY<br>DEVELOPMENTAL ANALYSIS OF INSULIN RESPONSIVENESS<br>IN CULTURED SKELETAL MUSCLE FOR THE PERIOD<br>09-01-81 THRU 03-31-82<br>MSN HS-MED PHYSIOLOGY                          | (133-E808) | 22,816.00 |
| 75. | AMERICAN FOUNDRYMEN'S SOCIETY<br>DES PLAINES, IL<br>RELATIONSHIP BETWEEN LEACH TEST RESULTS AND<br>LEACHATE AND GROUND WATER QUALITY AT FOUNDRY<br>WASTE LANDFILLS<br>AWARD # 6-80-81<br>MSN ENGR ENGR EXPER STA CIVIL&ENV | (133-E809) | 70,650.00 |
| 76. | ANONYMOUS DONOR<br>PROPOSAL WRITING AND OTHER APPROPRIATE USES<br>FOR THE WOMEN'S STUDIES RESEARCH CENTER<br>MSN L&S WOMEN'S STUDIES   | (133-E812) | 10,000.00 |
| 77. | KADE (MAX) FOUNDATION<br>NEW YORK, NY<br>MAX KADE POSTDOCTORAL RESEARCH EXCHANGE GRANT<br>FOR THE PERIOD 09-01-81 THRU 08-31-82<br>MSN L&S CHEMISTRY   | (133-E813) | 21,680.00 |
| 78. | STERLING-WINTHROP RESEARCH INSTITUTE<br>RENSSELAER, NY<br>TORNALATE AEROSOL IN NON-STEROID DEPENDENT<br>BRONCHIAL ASTHMATIC PATIENTS<br>MSN HS-MED MEDICINE ALLRGY&IMM   | (133-E814) | 14,000.00 |

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79.	STATE PUBLIC DEFENDER OFFICE MADISON, WI TRAINING PROGRAM AT THE STATE PUBLIC DEFENDER OFFICE FOR THE PERIOD 08-24-81 THRU 05-23-82 MSN L&S SOCIAL WORK (133-E815)	10,376.00
80.	UPJOHN (W.E.) INSTITUTE FOR EMPLOYMENT RESEARCH KALAMAZOO, MI EFFECTIVENESS OF SUBSIDIES FOR EMPLOYMENT OF YOUNG AND DISADVANTAGED WORKERS MSN L&S INST-RES ON POV (133-E816)	25,000.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CONTROL OF BOVINE LEUKOSIS MSN AG&LSC VETERINARY SCI (133-E821)	20,000.00
82.	INTERNATIONAL BUSINESS MACHINES CORPORATION YORKTOWN HEIGHTS, NY MATERIALS SCIENCE RESEARCH MSN ENGR ENGR EXPR STA MATERLS SC (133-E823)	9,360.00
83.	MULTIPLE DONORS FRUIT CROPS WEED CONTROL MSN AG&LSC HORTICULTURE (133-E826)	500.00
84.	ABBOTT LABORATORIES NORTH CHICAGO, IL CONTROL OF SHOOT GROWTH IN PINES MSN AG&LSC HORTICULTURE (133-E827)	2,000.00
85.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY SPLICING OF NORMAL AND THALASSEMIC GLOBIN RNA'S FOR THE PERIOD 09-01-81 THRU 08-31-82 AWARD # 5-341 MSN HS-MED GENETICS CLIN GENET (133-E828)	25,000.00
86.	NATIONAL KIDNEY FOUNDATION OF WISCONSIN, INC. WAUWATOSA, WI SELECTIVE LYMPHATIC IRRADIATION & BONE MARROW TRANSPLANTATION MSN HS-MED SURGERY GEN SURG (133-E829)	2,000.00
87.	NATIONAL KIDNEY FOUNDATION OF WISCONSIN, INC. WAUWATOSA, WI CELL MEDIATED GLOMERULAR INJURY IN NEPHROTOXIC NEPHRITIS MSN HS-MED MEDICINE NEPHROLOGY (133-E830)	1,000.00
88.	MULTIPLE DONORS SCHOOL OF PHARMACY RESEARCH MSN HS-PHR PHARMACY (133-E831)	140.00

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| 89. | AMERICAN CHEMICAL SOCIETY<br>PETROLEUM RESEARCH FUND<br>WASHINGTON, DC<br>HIGH ENERGY MOLECULES RELATED TO BENZENE<br>PHOTOCHEMISTRY FOR THE PERIOD 09-01-81<br>THRU 08-31-82<br>AWARD # PRF 12840-G4<br>MSN L&S CHEMISTRY                        | (133-E833) | 10,000.00 |
| 90. | MADISON GAS & ELECTRIC COMPANY<br>MADISON, WI<br>EVALUATION OF SOLAR WATER HEATERS<br>MSN ENGR ENGR EXPER STA SOLAR ENRG  | (133-E834) | 15,000.00 |
| 91. | AMERICAN HEART ASSOCIATION OF WISCONSIN<br>MILWAUKEE, WI<br>PRE-DOCTORAL FELLOWSHIP AWARD: "MYTOCHONDRIAL<br>SURVIVAL IN MYOCARDIAL ISCHEMIC INJURY" FOR<br>THE PERIOD 07-01-81 THRU 06-30-82<br>MSN HS-MED MEDICINE CARDIOLOGY                   | (133-E842) | 4,400.00  |
| 92. | AMERICAN HEART ASSOCIATION OF WISCONSIN<br>MILWAUKEE, WI<br>EFFECTS OF CIGARETTE SMOKE ON CORONARY<br>PLATELET THROMBOSIS FOR THE PERIOD<br>06-01-81 THRU 06-30-82<br>MSN HS-MED MEDICINE CARDIOLOGY  | (133-E843) | 13,227.00 |
| 93. | AMERICAN HEART ASSOCIATION OF WISCONSIN<br>MILWAUKEE, WI<br>MECHANISMS OF CAFFEINE-INDUCED CARDIAC<br>ANOMALIES FOR THE PERIOD 07-01-81<br>THRU 12-31-81<br>MSN HS-MED PATHOL & LAB MED ANAT PATH   | (133-E844) | 7,131.00  |
| 94. | BUTLER MANUFACTURING COMPANY<br>FORT ATKINSON, WI<br>COMPARE LOW MOISTURE GRASS SILAGE FROM<br>CONVENTIONAL AND OXYGEN LIMITING SILOS<br>FOR DAIRY CATTLE<br>MSN AG&LSC DAIRY SCIENCE   | (133-E845) | 7,250.00  |
| 95. | HUMAN INTERACTION RESEARCH INSTITUTE<br>LOS ANGELES, CA<br>PERCEIVED BENEFITS AND VALUES OF MENTAL<br>HEALTH RESEARCH<br>MSN HS-PSY PSYCHIATRIC INST  | (133-E846) | 1,450.00  |
| 96. | SYNTEX LABORATORIES, INC.<br>PALO ALTO, CA<br>MULTICENTER DOUBLE-BLIND RANDOMIZED PARALLEL<br>COMPARISON OF FLUNISOLIDE 0.025% SOLUTION AND<br>PLACEBO IN PATIENTS WITH SEASONAL ALLERGIC<br>RHINITIS (RAGWEED)<br>MSN HS-MED MEDICINE ALLRGY&IMM | (133-E847) | 5,133.33  |

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97.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY INSTITUTIONAL RESEARCH ALLOWANCE IN CONNECTION WITH A POSTDOCTORAL FELLOWSHIP AWARDED DIRECTLY BY THE DONOR AWARD # PF 01904-01 MSN AG&LSC BIOCHEMISTRY	(133-E848)	1,000.00
98.	EVINRUDE (OLE) FOUNDATION WAUKEGAN, IL DEFRAY EXPENSES INCURRED IN CONNECTION WITH THE OLE EVINRUDE FELLOWSHIP GRANT MSN ENGR MECHANICAL ENGR	(133-0235)	6,000.00
99.	ALUMINUM COMPANY OF AMERICA PITTSBURGH, PA STUDY OF BASIC AND CLINICAL ASPECTS OF EXPERIMENTAL FLUORINE TOXICOSIS MSN AG&LSC BIOCHEMISTRY	(133-3220)	3,000.00
100.	MULTIPLE DONORS SUPPORT CENTER FOR THE STUDY OF ORGANIZATIONAL PERFORMANCE MSN BUS SCH OF BUSINESS	(133-3516)	34.40
101.	PROFESSOR RENATA LAXOVA 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)	300.00
102.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	
	3,000.00 STAUFFER CHEMICAL COMPANY SAN FRANCISCO, CA		
	500.00 MULTIPLE DONORS		
			3,500.00
103.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED	(133-5671)	225.00
104.	STAUFFER CHEMICAL COMPANY MOUNTAIN VIEW, CA TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY	(133-6855)	200.00
105.	MULTIPLE DONORS SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	1,000.00

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106.	GRE-IDA FOODS, INC. ONTARIO, OR POTATO RESEARCH MSN AG&LSC HORTICULTURE	(133-7371)	1,500.00
107.	MULTIPLE DONORS HEMATOLOGY RESEARCH MSN HS-MED MEDICINE	HEMATOLOGY (133-7667)	1,385.00
108.	USV PHARMACEUTICAL CORPORATION TUCKAHOE, NY STUDIES OF DIVALENT CATIONS IN ANTACID PHARMACOLOGY MSN HS-MED MEDICINE	GASTROENT (133-8285)	3,000.00
109.	PROFESSOR WARREN C. YOUNG MADISON, WI MATERIAL PROPERTIES RESEARCH MSN ENGR ENGR EXPER STA MECHANICS	(133-8859)	375.00
110.	CONSOLIDATED PAPERS, INC. WISCONSIN RAPIDS, WI PAPER PROFILE CHARACTERIZATION MSN ENGR ENGR EXPER STA MECH ENGR	(133-9080)	7,295.00
111.	WISCONSIN CANNERS AND FREEZERS ASSOCIATION MADISON, WI METHODS OF IMPROVING WISCONSIN CARROTS USED FOR PROCESSING AND FRESH MARKETS, PARTICULARLY BY BREEDING BETTER STRAINS OF THIS VEGETABLE WITH EMPHASIS ON DISEASE RESISTANCE IN HYBRIDS MSN AG&LSC HORTICULTURE	(133-9251)	8,500.00
112.	HERD DEVELOPMENT AND DAIRY CATTLE BREEDING RESEARCH MSN AG&LSC DAIRY SCIENCE	(133-9531)	
	8,350.00 SCHLUNZ (LESLIE R) 56.71 WATERLOO, WI MULTIPLE DONORS		
			8,606.71
113.	MULTIPLE DONORS HEART RESEARCH OR SERVICE MSN HS-HSP ADMINISTRATION	ADMIN (133-9921)	25.00

## STUDENT AID

1.	ROBERT C. AND JUDITH M. MILLER FORT SMITH, AR DR. ROBERT E. BURNS MEDICAL STUDENT LOAN FUND (LOAN) MSN HS-MED	( LOANS )	500.00
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## STUDENT AID

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| 2. | DOUGLAS CALDWELL<br>MADISON, WI<br>UNRESTRICTED LOAN FUND (LOAN)<br>MSN BUS SV BURSAR  | ( LOANS )                               | 20.00     |
| 3. | MRS. O. N. ALLEN<br>MADISON, WI<br>O. N. ALLEN LOAN FUND (LOAN)<br>MSN AG&LSC ADM-RESID INSTR  | ( LOANS )                               | 3,000.00  |
| 4. | MR. & MRS. WILLIAM BAZAN<br>MADISON, WI<br>DON D. LESCOHIER MEMORIAL FUND<br>(TRUST PRINCIPAL)<br>MSN L&S ECONOMICS  | ( TRUST )                               | 50.00     |
| 5. | EQUITABLE LIFE ASSURANCE SOCIETY OF THE<br>U.S. — REPRESENTING DIVIDENDS FROM THE<br>POLICY INSURING HARRY J. ROWE WITH<br>BENEFICIARY INTEREST TO THE UNIVERSITY<br>UW-MADISON LEADERSHIP TRUST<br>(TRUST PRINCIPAL)<br>MSN G SERV FELLOWS & SCHOLS   | ( TRUST )                               | 56.63     |
| 6. | MULTIPLE DONORS<br>HELEN BROWNE HOBART MEMORIAL SCHOLARSHIP<br>(TRUST PRINCIPAL)<br>MSN AG&LSC ADM-RESID INSTR   | ( TRUST )                               | 40.00     |
| 7. | W. H. MCGIBBON MEMORIAL FUND<br>(TRUST PRINCIPAL)<br>MSN AG&LSC ADM-RESID INSTR  | ( TRUST )                               |           |
|    | 50.00  | CONNALLY O. BRILES<br>AUBURN, AL        |           |
|    | 125.00   | MR & MRS GENE PESTI<br>WATKINSVILLE, GA | \$ 100.00 |
|    |  | WILLIAM F. ROONEY<br>CORONADO, CA       | 25.00     |
|    |  |   | 175.00    |
| 8. | CENTRAL BANK OF AKRON, OHIO—REPRESENTING A<br>PARTIAL DISTRIBUTION OF BEQUEST OF ROBERT S.<br>FERGUSON(R.A. 06-06-81) TO ESTABLISH THIS FUND.<br>INCOME AT THE DISCRETION OF THE MSN L & S DEAN FOR<br>UNDERGRAD PROGRAMS BASED ON QUALITY & MERIT.<br>ELEANOR NEGLEY FERGUSON MEMORIAL FUND<br>(TRUST PRINCIPAL)<br>MSN L&S | ( TRUST )                               | 30,000.00 |
| 9. | BEQUEST OF JESSIE C. ROHN, ORANGE COUNTY, CA.<br>(R.A. 09-11-81) TO ESTABLISH THIS FUND — TO<br>BE USED FOR A SCHOLARSHIP FOR ENGINEERING<br>STUDENTS<br>ROBERT ALVIN ROHN MEMORIAL SCHOLARSHIP FUND<br>(TRUST PRINCIPAL)<br>MSN ENGR  | ( TRUST )                               | 48,815.34 |

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

10.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EGBERT ORCHARD MEMORIAL SCHOLARSHIPS IN AGRICULTURE MSN AG&LSC ADM-RESID INSTR	(133-A583)	3,000.00
11.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ROTHERMEL-MERCK AWARD IN THE DEPARTMENT OF AGRONOMY MSN AG&LSC ADM-RESID INSTR	(133-A713)	2,000.00
12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRADUATE SCHOLARSHIP IN AGRICULTURE- RICHARD D. POWELL MEMORIAL AWARD MSN AG&LSC ADM-RESID INSTR	(133-B295)	75.00
13.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WILLARD G. ASCHENBRENER AWARD MSN G SERV FELLOWS & SCHOLS	(133-B423)	750.00
14.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LETTERS AND SCIENCE DEAN'S SCHOLARSHIP AWARD MSN G SERV FELLOWS & SCHOLS	(133-C413)	7,350.00
15.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AUGUST HANKE SCHOLARSHIP MSN AG&LSC ADM-RESID INSTR	(133-C492)	823.44
16.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRACE E. LANGDON MEMORIAL MSN G SERV FELLOWS & SCHOLS	(133-C859)	5,346.00
17.	CROW'S HYBRID CORN COMPANY MILFORD, IL CROW'S HYBRID CORN AGRICULTURAL SCHOLARSHIPS MSN AG&LSC ADM-RESID INSTR	(133-C924)	1,200.00
18.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI SCHOLARSHIPS FOR NEEDY YOUNG WOMEN & MEN FROM WISCONSIN FAMILY FARMS ENROLLING IN THE UW-MADISON, CENTER FOR HEALTH SCIENCES, SCHOOL OF ALLIED HEALTH PROFESSIONS MSN HS-A H ADMINISTRATION	(133-C980)	2,250.00
19.	TOUCHE ROSS & CO MILWAUKEE, WI TOUCHE ROSS & CO. SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-D281)	600.00



GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

20.	CARTER (ARTHUR H) SCHOLARSHIP FUND STAMFORD, CT ARTHUR H. CARTER SCHOLARSHIP FUND MSN BUS SCH OF BUSINESS	(133-E050)	5,000.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI O. R. ZEASMAN MEMORIAL SCHOLARSHIP FUND MSN AG&LSC ADM-RESID INSTR	(133-E258)	173.08
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JOHN WYNGAARD SCHOLARSHIP MSN L&S JOURN & MASS COM	(133-E769)	500.00
23.	WISCONSIN ASSOCIATION OF MANUFACTURER'S AGENTS, INC. MEQUON, WI WISCONSIN ASSOCIATION OF MANUFACTURER'S AGENTS, INC. SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-E810)	500.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EASTMAN KODAK GRADUATE FELLOWSHIP MSN L&S CHEMISTRY	(133-E819)	5,000.00
25.	HERTZ (FANNIE AND JOHN) FOUNDATION LIVERMORE, CA FANNIE AND JOHN HERTZ FOUNDATION FELLOWSHIP FOR THE PERIOD 08-31-81 THRU 06-15-82 MSN GRAD	(133-E820)	12,866.00
26.	SCRIPPS-HOWARD FOUNDATION NEW YORK, NY SCRIPPS-HOWARD FOUNDATION SCHOLARSHIP FUND MSN L&S JOURN & MASS COM	(133-E825)	1,000.00
27.	ROCKEFELLER FOUNDATION NEW YORK, NY FELLOWSHIP ASSISTANCE FOR TWO ZAIRIAN PH D CANDIDATES FOR THE PERIOD 09-01-81 THRU 03-31-82 AWARD # RF78088 ALLOC. NO.4 MSN GRAD	(133-E837)	12,920.00
28.	WEYERHAEUSER COMPANY FOUNDATION TACOMA, WA WEYERHAEUSER COMPANY FOUNDATION PREDOCTORAL FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR ENGR EXPER STA CHEM ENGR	(133-E840)	8,000.00
29.	WISCONSIN PUBLIC SERVICE CORPORATION GREEN BAY, WI WISCONSIN PUBLIC SERVICE CORPORATION FARM SHORT COURSE SCHOLARSHIP MSN AG&LSC ADM-RESID INSTR	(133-0186)	3,500.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

30.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI THIRTY SCHOLARSHIPS SUFFICIENT TO COVER RESIDENT TUITION FOR NEEDY PERSONS FROM WISCONSIN FAMILY FARMS WHO HAVE FINANCIAL NEED AND ENTERING OR CONTINUING STUDY LEADING TO A DEGREE IN THE COLLEGE OF AG & LSC MSN AG&LSC ADM-RESID INSTR	(133-2073)	11,340.00
31.	MULTIPLE DONORS STUDENT FINANCIAL AID FUND MSN G SERV FELLOWS & SCHOLS	(133-2109)	750.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HATTIE B. GOESSLING SCHOLARSHIP IN NUTRITIONAL SCIENCE MSN AG&LSC ADM-RESID INSTR	(133-3661)	4,500.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LEROY J. BURLINGAME MEMORIAL SCHOLARSHIP IN THE LAW SCHOOL MSN LAW LAW SCHOOL	(133-4117)	725.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TOBEY-KREGEL FUTURE TEACHERS SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-5150)	325.00
35.	STAUFFER CHEMICAL COMPANY SAN FRANCISCO, CA SUPPORT DESERVING GRADUATE STUDENT IN THE DEPARTMENT OF FOOD SCIENCE MSN AG&LSC FOOD SCIENCE	(133-5590)	1,500.00
36.	MARATHON ELECTRIC CORPORATION WAUSAU, WI ELECTRICAL AND MECHANICAL ENGINEERING SCHOLARSHIP MSN ENGR	(133-6003)	1,500.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ALUMNI CLUB-UWF MATCHING SCHOLARSHIP PROGRAM MSN G SERV FELLOWS & SCHOLS	(133-6097)	1,200.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARL AND THERESA HANSON WISCONSIN MERIT SCHOLARSHIP AWARD MSN G SERV FELLOWS & SCHOLS	(133-6106)	15,550.00
39.	WISCONSIN LIVESTOCK & MEAT COUNCIL MADISON, WI UNDERGRADUATE SCHOLARSHIPS TO STUDENT PURSUING COURSES OF STUDY RELATED TO MEAT AND ANIMAL SCIENCE MSN AG&LSC ADM-RESID INSTR	(133-6385)	5,200.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LEE J. & LILLIAN O'REILLY MEMORIAL SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-6619)	19,950.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BRADFORD B. RICHMOND SCHOLARSHIP FUND MSN AG&LSC ADM-RESID INSTR	(133-6644)	5,000.00
42.	WISCONSIN SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS MADISON, WI UNDERGRADUATE SCHOLARSHIP MSN AG&LSC ADM-RESID INSTR	(133-7606)	100.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANTON L. SMONGESKI SCHOLARSHIP MSN LAW LAW SCHOOL	(133-7691)	1,000.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARL E. DIETZE LAW SCHOOL SCHOLARSHIP MSN LAW LAW SCHOOL	(133-8177)	1,187.50
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GWYNETTE E. SMALLEY MEMORIAL SCHOLARSHIP FUND MSN LAW LAW SCHOOL	(133-8713)	1,500.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GERTRUDE ANTHONY SCHOLARSHIP IN THE DEPARTMENT OF HOME MANAGEMENT AND FAMILY LIVING MSN FR&CS FAM RSR&C&NSM SC	(133-8878)	2,000.00
47.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI TEN SCHOLARSHIPS SUFFICIENT TO COVER RESIDENT TUITION FOR NEEDY PERSONS FROM WISCONSIN FAMILY FARMS WHO HAVE FINANCIAL NEED AND WHO ARE ENTERING OR CONTINUING STUDY IN THE SCHOOL OF NURSING MSN HS-NUR ADMINISTRATION ADMIN	(133-8956)	3,150.00
48.	NATIONAL FOOD BROKERS ASSOCIATION EDUCATION FOUNDATION WASHINGTON, DC UNDERGRADUATE SCHOLARSHIP IN AGRICULTURE MSN AG&LSC ADM-RESID INSTR	(133-9494)	750.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARION BALDWIN SCHLEICHER MEMORIAL FUND SCHOLARSHIP MSN FR&CS FAM RSR&C&NSM SC	(133-9949)	500.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

50. WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI GRADUATE FELLOWSHIPS FOR THE PURPOSE OF ASSISTING NURSES WHO HAVE PRACTICED SUCCESSFULLY IN RURAL AREAS TO FURTHER IMPROVE THEIR ABILITIES WHICH IN TURN MAY IMPROVE THEIR SERVICE TO PEOPLE LIVING IN RURAL AREAS AND TO FARM FAMILIES IN PARTICULAR MSN HS-NUR	(133-9973)	1,000.00
TOTAL MADISON		<u>10,717,367.54</u> =====
INSTRUCTION	587,909.00	
LIBRARIES	130,072.85	
MISCELLANEOUS	406,615.97	
RESEARCH	9,358,531.73	
STUDENT AID	234,237.99	

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## INSTRUCTION

1. DHEW, OFFICE OF EDUCATION  
WASHINGTON, DC  
ADVANCED PERSONNEL PREPARATION: (A) IN-SERVICE  
TRAINING AND (B) SECONDARY SEVERELY EMOTIONALLY  
DISTURBED  
FOR THE PERIOD 08-01-81 THROUGH 05-31-82  
AWARD # G008101734  
MIL EDUC EXCEPTIONAL EDUC UNCL & GEN (144-R404) 22,762.00
2. ALEX HANOOGIAN CULTURAL FOUNDATION  
SOUTHFIELD, MI  
GRANT TO SUPPORT THE TEACHING OF ARMENIAN AT  
THE UNIVERSITY OF WISCONSIN - MILWAUKEE  
FOR THE PERIOD 08/31/81 THROUGH 06/01/82  
MIL L&S LINGUISTICS (133-C624) 6,291.00
3. ANONYMOUS DONOR  
MILWAUKEE, WI  
JAZZ PROGRAM  
MIL F ARTS MUSIC (133-E577) 360.00
4. COLUMBIA HOSPITAL  
MILWAUKEE, WI  
UWM - COLUMBIA HOSPITAL SCHOOL OF NURSING  
UNDERGRADUATE CURRICULUM COOPERATION.  
FOR THE PERIOD 04/01/75 THROUGH 08/01/82  
AWARD # AMENDMENT #5  
MIL L&S ADMINISTRATION ADMIN (133-9405) 63,680.50

## MISCELLANEOUS

1. VARIOUS GOVERNMENTAL AGENCIES  
MILWAUKEE, WI  
MILWAUKEE HUMANITIES PROGRAM PUBLICATION RECEIPTS  
MIL L&S HUMANITIES HUMANIT (144-P108) 706.44
2. UWM FOUNDATION  
MILWAUKEE, WI  
LEON SULLIVAN PROFESSORSHIP  
MIL S WELF SOCIAL WELFARE (133-8738) 7,652.22
3. UWM FOUNDATION (WUWM-FRIENDS)  
MILWAUKEE, WI  
CHAIRMAN'S DISCRETIONARY ACCOUNT  
MIL L&S MASS COMMUNICATN WUWM-ADM G (133-C622) 4,200.00

## RESEARCH

1. OFFICE OF HUMAN DEVELOPMENT  
WASHINGTON, DC  
REGION V CHILD ABUSE AND NEGLECT RESOURCE CENTER  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # 90-C-1590/04  
MIL S WELF SOCIAL WELFARE ADV ST-H S (144-R375) 370,460.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

2. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
ROCKVILLE, MD  
IMPROVING COMMUNITY MENTAL HEALTH CENTER CITIZEN  
BOARDS  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # 5R01 MH33926-02  
MIL EDUC ADMIN LEADERSHIP UNCL & GEN (144-R378) 22,318.00
3. DHHS, PHS, CENTER FOR DISEASE CONTROL  
ROCKVILLE, MD  
ASSESSING PHYSICAL FATIGUE AND STRESS IN  
WAREHOUSE OPERATIONS  
FOR THE PERIOD 08-31-81 THROUGH 12-31-82  
AWARD # Z10-81-6008  
MIL ENGG&S IND & SYSTS ENGR (144-R421) 44,829.00
4. DEPARTMENT OF ENERGY  
ARGONNE, ILL  
SYNTHESIS OF RESEARCH AND DEVELOPMENT IN  
MECHANICAL ENERGY STORAGE TECHNOLOGIES  
FOR THE PERIOD 09-01-79 THROUGH 08-31-82  
AWARD # DE-AC02-79ET26106 ACC4  
MIL ENGG&S CIVIL ENGINEER\*G (144-N739) 112,918.00
5. NATIONAL AERONAUTICS & SPACE ADMIN.  
GREENBELT, MD  
HYDRO- AND BIODYNAMICS OF THE DEVELOPING  
THERMAL FRONT IN LAKE MICHIGAN  
FOR THE PERIOD 09-15-81 THROUGH 01-31-82  
AWARD # NAG 5-209  
MIL GRAD GT LKS ST, CTR F GT LKS STU (144-R490) 3,000.00
6. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) ALGAL GROWTH UNDER MULTIPLE TOXICANT LIMITING  
CONDITIONS  
FOR THE PERIOD 08-01-81 THROUGH 01-31-83  
AWARD # CEE-8103650  
MIL ENGG&S CIVIL ENGINEER\*G (144-R380) 25,797.00
- 2) DYNAMICS AND ENERGETICS OF SEVERE STORMS AND  
THEIR MESOSCALE ENVIRONMENT DURING SESAME  
FOR THE PERIOD 08-15-81 THROUGH 01-31-83  
AWARD # ATM-8109144  
MIL L&S GEOLOGICAL SCI'S ATM SC-GEN (144-R423) 72,700.00
7. NORTHERN ILLINOIS UNIVERSITY  
DEKALB, IL  
PRIME CONTRACTOR WITH NSF  
FOR MAT VARIABLES AND LEARNER CHARACTERISTICS IN  
MATHEMATICAL PROBLEM SOLVING  
FOR THE PERIOD 06-15-81 THROUGH 01-31-84  
AWARD # P.O. DO 46089  
MIL EDUC EXCEPTIONAL EDUC UNCL & GEN (144-R119) 27,979.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

- |     |  |            |           |
|-----|--|------------|-----------|
| 8.  | GALLAUDET COLLEGE<br>WASHINGTON, D.C.<br>PRIME CONTRACTOR WITH NSF<br>UNIVERSALITY AND UNIQUENESS IN SIGN LANGUAGE:<br>PROVIDENCE ISLAND SIGN LANGUAGE<br>FOR THE PERIOD 01-01-77 THROUGH 07-31-82<br>AWARD # BH76-80056<br>MIL L&S ANTHROPOLOGY | (144-J694) | 7,387.00  |
| 9.  | ALLIED CHEMICAL<br>MORRISTOWN, NJ<br>SYNTHESIS OF NOVEL ORGANIC METALS<br>FOR THE PERIOD 09/01/80 THROUGH 08/31/82<br>MIL L&S CHEMISTRY  | (133-C678) | 20,000.00 |
| 10. | AMERICAN CHEMICAL SOCIETY PETROLEUM<br>RESEARCH FUND<br>WASHINGTON, D.C.<br>N, N-DICHLORAMINE CHEMISTRY: AZOALKANES,<br>REARRANGEMENT AND DEAMINATION<br>FOR THE PERIOD 07/01/80 THROUGH 08/31/81<br>AWARD # PRF12165-AC4<br>MIL L&S CHEMISTRY   | (133-C687) | 15,000.00 |
| 11. | AMERICAN CHEMICAL SOCIETY<br>PETROLEUM RESEARCH FUND<br>WASHINGTON, D.C.<br>THE STRUCTURE AND DYNAMICS OF ALLYLIC<br>ORGANOMETALLIC COMPOUNDS<br>FOR THE PERIOD 06/01/80 THROUGH 08/31/81<br>AWARD # I2421-AC1<br>MIL L&S CHEMISTRY              | (133-C694) | 14,785.00 |
| 12. | AMERICAN COMMITTEE FOR THE WEIZMANN<br>INSTITUTE OF SCIENCE<br>NEW YORK, NY<br>CHAIM WEIZMANN POST-DOCTORAL FELLOW<br>FOR THE PERIOD 09/01/80 THROUGH 08/31/82<br>MIL L&S PHYSICS  | (133-0726) | 17,377.20 |
| 13. | MS. MAE F. MCCLERNON<br>DIXON, IL<br>AN ARCHAEOLOGICAL SURVEY OF THE REAGAN MANOR MOTEL<br>PROJECT, DIXON, ILLINOIS<br>FOR THE PERIOD 09/01/81 THROUGH 09/30/99<br>MIL L&S ANTHROPOLOGY  | (133-E567) | 1,012.00  |
| 14. | AMERICAN HEART ASSOCIATION OF WISCONSIN<br>MILWAUKEE, WI<br>HDL-C AND EXERCISE TRAINING INTENSITY<br>FOR THE PERIOD 01/01/82 THROUGH 12/31/82<br>AWARD # 81-GA-27<br>MIL A H P HUMAN KINETICS  | (133-E576) | 8,500.00  |
| 15. | SPANCRETE MANUFACTURERS ASSOCIATION<br>MILWAUKEE, WI<br>STRUCTURAL ENGINEERING RESEARCH<br>MIL ENG&AS CIVIL ENGINEERING  | (133-8596) | 8,000.00  |

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## STUDENT AID

- |  |            |          |
|--|------------|----------|
| 1. UWM FOUNDATION<br>MILWAUKEE, WI<br>MUSIC SCHOLARSHIP<br>MIL F ARTS MUSIC                                | (133-A498) | 8,500.00 |
| 2. WAUSAU INSURANCE COMPANIES<br>WAUSAU, WI<br>OCCUPATIONAL HEALTH NURSING SCHOLARSHIP<br>MIL NURS NURSING | (133-0725) | 5,000.00 |

TOTAL MILWAUKEE	891,214.36
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INSTRUCTION	93,093.50
MISCELLANEOUS	12,558.66
RESEARCH	772,062.20
STUDENT AID	13,500.00



GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - EAU CLAIRE

## EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
HOT LUNCH PROGRAM  
FOR THE PERIOD 10-01-80 THROUGH 09-30-81  
AWARD # 75-6987  
EAU AUX OP OTHER ORG ACTIV (144-1028) 6,380.00
2. EAU CLAIRE COUNTY  
EAU CLAIRE, WI  
PRIME CONTRACTOR WITH DHHS  
PACKWOOD DAY CARE  
FOR THE PERIOD 07-24-81 THROUGH 07-23-82  
AWARD # 12839  
EAU AUX OP OTHER ORG ACTIV (144-2009) 500.00
3. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS PHS NIH  
CHILDREN'S CENTER  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # GAA 01181-P  
EAU AUX OP OTHER ORG ACTIV (144-2004) 2,460.00
4. CLARK COUNTY HIGHWAY COMMISSION  
NEILLSVILLE, WI  
ARCHAEOLOGICAL RECONNAISSANCE SURVEY - CLARK  
COUNTY FOR THE PERIOD 06-15-81 THROUGH 08-08-81  
EAU ART&SC SOCIOLOGY (133-1083) 883.00

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
SPECIAL SERVICES FOR THE DISADVANTAGED  
FOR THE PERIOD 08-15-81 THROUGH 08-31-82  
AWARD # G008004230  
EAU G AC A EDUCATIONL OPPOR (144-1043) 130,172.00
2. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
VOCATIONAL HANDBOOK  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # 2-89512/L134  
EAU EDUC SPECIAL EDUC (144-1084) 52,383.00
3. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
FBLA COMPETITIVE EVENTS PACKAGE - PHASE II  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # 1-6532/R084  
EAU BUS BUS ED & INF MGT (144-1092) 4,452.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - EAU CLAIRE

## INSTRUCTION

4. DHHS, PHS, HEALTH RESOURCES ADMIN  
WASHINGTON, DC  
NURSING CAPITATION GRANT  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # 5 E04 NU01598-10  
EAU NURSG DEAN OF NURSING (144-1034) 15,968.00
5. PEAT, MARWICK, MITCHELL FOUNDATION  
NEW YORK, NY  
DISCRETIONARY GRANT FOR DEPARTMENTAL USE  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # 526  
EAU BUS ACCOUNTANCY (133-1076) 230.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # P008202954  
EAU ST AST ED OPPOR GRANTS (148-2002) 1,250,800.00

TOTAL EAU CLAIRE 1,464,228.00  
=====

EXTENSION AND PUBLIC SERVICE 10,223.00  
INSTRUCTION 203,205.00  
STUDENT AID 1,250,800.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - GREEN BAY

## MISCELLANEOUS

- |    |  |            |        |
|----|--|------------|--------|
| 1. | MULTIPLE DONORS<br>SPECIAL EVALUATION PROJECTS<br>GB O ED D ADMINISTRATION | (133-A512) | 342.00 |
| 2. | MULTIPLE DONORS<br>SCHOOL SERVICES BUREAU<br>GBY COM PR SCH SVCS BUREAU    | (133-C550) | 66.38  |

## RESEARCH

- |    |  |            |          |
|----|--|------------|----------|
| 1. | BROWN COUNTY SOLID WASTE MANAGEMENT BOARD<br>GREEN BAY, WI<br>OPERATIONAL WATER QUALITY MONITORING AT BROWN<br>COUNTY'S SANITARY LANDFILLS<br>GBY ENV SC SCI & ENVIR CHG | (133-B833) | 1,950.00 |
|----|--|------------|----------|

## STUDENT AID

- |    |  |            |          |
|----|--|------------|----------|
| 1. | WISCONSIN RURAL REHABILITATION CORPORATION<br>MADISON, WI<br>SCHOLARSHIPS FOR YOUNG PERSONS FROM WISCONSIN<br>FAMILY FARMS WHO HAVE FINANCIAL NEED AND WHO ARE<br>ENROLLED IN THE PROGRAM OF STUDIES FOR A STUDENT<br>IN NURSING AT THE BELLIN MEMORIAL HOSPITAL SCHOOL<br>OF NURSING<br>GB ST AID FEL & SCHOL-ADG | (133-9574) | 1,250.00 |
|----|--|------------|----------|

TOTAL GREEN BAY

3,608.38  
=====MISCELLANEOUS  
RESEARCH  
STUDENT AID408.38  
1,950.00  
1,250.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - OSHKOSH

## EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
WISCONSIN OLDER VOLUNTEER PROGRAM FOR THE PERIOD  
07-01-81 THROUGH 12-31-81  
AWARD # V-82-0-51  
OSH L&S SOCIAL WORK (133-3302) 11,465.00

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
1982 HANDICAPPED TEACHER EDUCATION AWARD  
FOR THE PERIOD 08-01-81 THROUGH 05-31-82  
AWARD # G008101936  
OSH EDUC INSTRUCTION (144-4475) 19,753.00
2. DHHS, PHS, HEALTH RESOURCES ADMIN  
HYATTSVILLE, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) NURSING CAPITATION GRANT PROGRAM  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # 5 E04 NU01529-10  
OSH NURS NURS-UNDERGRAD P (144-4471) 25,879.00
- 2) PROFESSIONAL NURSE TRAINEESHIP PROGRAM  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # 2 A11 NU00235-06  
OSH NURS NURS-GRAD PROGS (144-4472) 49,959.00
3. OSHKOSH AREA SCHOOL DISTRICT  
OSHKOSH, WI  
PRIME CONTRACTOR WITH LABOR  
CAREER SPECIALIST IN EDUCATION OF DEAF IN AREA  
SCHOOLS  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
OSH EDUC INSTRUCTION (144-4476) 19,163.00
4. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
INTRODUCTION TO MICROCOMPUTERS IN MATHEMATICS  
AND SCIENCE  
FOR THE PERIOD 07-31-81 THROUGH 12-31-81  
AWARD # SER-8160374  
OSH L&S MATHEMATICS (144-4474) 24,742.00
5. OSHKOSH SYMPHONY ORCHESTRA  
OSHKOSH, WI  
GRADUATE ASSISTANT IN MUSIC DEPARTMENT  
FOR THE PERIOD 09-07-81 THROUGH 06-30-81  
OSH L&S MUSIC (133-3303) 1,000.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - OSHKOSH

## LIBRARIES

1. EDUCATION, DEPT OF WASHINGTON, DC COLLEGE LIBRARY RESOURCES PROGRAM FOR THE PERIOD 10-01-81 THROUGH 09-30-82 AWARD # G008152616 OSH LIBR LIBRARY	OPERATIONS (144-4473)	1,200.00
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## RESEARCH

1. FOX VALLEY WATER QUALITY PLANNING AGENCY MENASHA, WI PRIME CONTRACTOR WITH EPA TROPIC STATUS STUDIES OF THE LAKE WINNEBAGO POOL FOR THE PERIOD 07-01-81 THROUGH 12-31-81 OSH L&S BIOLOGY	(144-4477)	6,150.00
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TOTAL OSHKOSH

159,311.00  
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EXTENSION AND PUBLIC SERVICE	11,465.00
INSTRUCTION	140,496.00
LIBRARIES	1,200.00
RESEARCH	6,150.00

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - PARKSIDE

## MISCELLANEOUS

1. MULTIPLE DONORS		
ALUMNI AFFAIRS ACCOUNT		
PKS G E A ALUMNI & PLAC SV	(133-0592)	300.00
	TOTAL PARKSIDE	300.00
		=====
MISCELLANEOUS	300.00	

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - PLATTEVILLE

## EXTENSION AND PUBLIC SERVICE

1. WISCONSIN STATE COUNCIL ON ECONOMIC EDUCATION  
MILWAUKEE, WI  
CENTER FOR ECONOMIC EDUCATION  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # 1671065  
PLT B, I&C DN-BUS, INDECOM (133-0152) 1,000.00

## INSTRUCTION

1. FOUNDRY EDUCATIONAL FOUNDATION  
CLEVELAND, OH  
FOUNDRY EDUCATION GRANT FOR THE PERIOD  
09-01-81 THROUGH 05-31-82  
AWARD # 14064  
PLT B, I&C IND TECH EDUC (133-0153) 500.00

## MISCELLANEOUS

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
SPECIAL SERVICES GRANT FOR DISADVANTAGED  
STUDENTS  
FOR THE PERIOD 07-01-80 THROUGH 06-30-82  
AWARD # G008004593  
PLT G E A STU AFF & COUNSL ASC DN S D (144-0155) 124,507.00

## RESEARCH

1. NASA, MARSHALL SPACE FLIGHT CENTER  
HUNTSVILLE, AL  
KINEMATIC AND DYNAMIC ANALYSIS OF DEPLOYABLE  
SPACE STRUCTURES  
FOR THE PERIOD 06-01-81 THROUGH 09-30-81  
PLT ENGR COLLEGE OF ENGR (144-0154) 12,737.00
2. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
GRANT COUNTY AIR MONITORING PROGRAM  
FOR THE PERIOD 10-01-80 THROUGH 09-20-81  
PLT ART&SC CHEMISTRY (133-0151) 883.15

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
COLLEGE WORK STUDY PROGRAM  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # P008214557  
PLT G E A VICE CHANCELLOR VICE CHANC (145-0159) 547,806.00
2. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:

GIFTS, GRANTS AND CONTRACTS  
OCT 69, 1981

## UNIVERSITY OF WISCONSIN - PLATTEVILLE

## STUDENT AID

1)	SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM - INITIAL FOR THE PERIOD 07-01-81 THROUGH 06-30-82 AWARD # P008234557 PLT ST AST ED OPPOR GRANTS	(146-0156)	166,908.00
2)	SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM - CONTINUING FOR THE PERIOD 07-01-81 THROUGH 06-30-82 AWARD # P008244557 PLT ST AST ED OPPOR GRANTS	(146-0157)	136,561.00
3.	EDUCATION, DEPT OF WASHINGTON, DC NATIONAL DIRECT STUDENT LOAN PROGRAM FOR THE PERIOD 07-01-81 THROUGH 06-30-82 AWARD # P008224557 PLT ST AST NATL DIR STU LNS	( LOANS )	28,510.00
4.	EDUCATION, DEPT OF WASHINGTON, DC BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM FOR THE PERIOD 07-01-81 THROUGH 06-30-82 AWARD # P008202957 PLT ST AST BEQG PROGRAM	(148-0160)	597,710.00
5.	CENEX FOUNDATION ST. PAUL, MN ANNUAL SCHOLARSHIP PROGRAM FOR THE PERIOD 09-01-81 THROUGH 05-31-82 AWARD # 1560 PLT AGRIC DEAN OF AGRIC	(133-0146)	3,750.00
6.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI ANNUAL SCHOLARSHIP PROGRAM FOR THE PERIOD 09-01-81 THROUGH 12-31-81 AWARD # 683 PLT AGRIC DEAN OF AGRIC	(133-0147)	8,208.00
7.	CROW (A.F.) CHARITABLE TRUST WATSEKA, IL ANNUAL SCHOLARSHIP PROGRAM FOR THE PERIOD 09-01-81 THROUGH 05-31-82 AWARD # 26314 PLT AGRIC DEAN OF AGRIC	(133-0148)	600.00
8.	WISCONSIN LIVESTOCK AND MEAT COUNCIL MADISON, WI ANNUAL SCHOLARSHIP PROGRAM FOR THE PERIOD 09-01-81 THROUGH 05-31-82 AWARD # 991 PLT AGRIC DEAN OF AGRIC	(133-0149)	650.00
9.	WISCONSIN FERTILIZER AND CHEMICAL ASSOCIATION EVANSVILLE, WI ANNUAL SCHOLARSHIP PROGRAM FOR THE PERIOD 09-01-81 THROUGH 05-31-82 AWARD # 668 PLT AGRIC AGR INDUSTRIES	(133-0150)	650.00
	TOTAL PLATTEVILLE		<u>1,630,980.15</u>
	EXTENSION AND PUBLIC SERVICE		1,000.00
	INSTRUCTION		500.00
	MISCELLANEOUS		124,507.00
	RESEARCH		13,620.15
	STUDENT AID		1,491,353.00



GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - RIVER FALLS

## GIFT-IN-KIND

- HILLSHIRE FARM COMPANY  
NEW LONDON, WI  
SEYDELMAN SAUSAGE CUTTING MACHINE  
RVF

## INSTRUCTION

- UW-EXTENSION  
MADISON, WI  
PRIME CONTRACTOR WITH DOE  
ENERGY EXTENSION SERVICE  
FOR THE PERIOD 02-15-81 THROUGH 02-15-82  
AT A TOTAL COST OF \$5,000.00  
AWARD # 5312624  
RVF ART&SC PHYSICS (144-0713)

## RESEARCH

- NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
DEVELOPMENT OF FABRIC AND FOLIATION IN ICE  
AND THE EFFECT OF ANISTROPHY ON CREEP  
FOR THE PERIOD 11-01-81 THROUGH 12-31-82  
AWARD # EAR-7901761  
RVF AGRIC PLANT & EARTH SC (144-0726) 15,162.00
- INTERNATIONAL HARVESTER COMPANY  
HILLSIDE, IL  
RESPONSE OF LACTATING COWS TO ENSILED ALFALFA  
FOR THE PERIOD 07-01-81 THROUGH 03-30-82  
RVF AGRIC ANIMAL SCIENCE (133-0612) 34,252.00
- UW-RIVER FALLS FOUNDATION  
RIVER FALLS, WI  
PURCHASE OF FOOD SCIENCE EQUIPMENT FOR THE  
PERIOD 05-01-81 THROUGH 12-31-81  
RVF AGRIC ANIMAL SCIENCE (133-0619) 1,000.00

## STUDENT AID

- FARM CREDIT BANKS  
ST. PAUL, MN  
SCHOLARSHIPS FOR THE PERIOD 07-01-81 THROUGH  
06-30-82  
RVF ST AST MISC OTHER (133-0648) 600.00
- UW-RIVER FALLS STUDENT SENATE  
RIVER FALLS, WI  
SCHOLARSHIPS FOR THE PERIOD 07-01-81 THROUGH  
06-30-82  
RVF ST AST MISC OTHER (133-0650) 100.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - RIVER FALLS

## STUDENT AID

3.	FAITH DRAVIS ESTATE RIVER FALLS, WI SCHOLARSHIPS FOR THE PERIOD 07-01-81 THROUGH 06-30-82 RVF ST AST MISC OTHER	(133-0651)	100.00
4.	FEDERAL LAND BANK ST. PAUL, MN SCHOLARSHIPS FOR THE PERIOD 07-01-81 THROUGH 06-30-82 RVF ST AST MISC OTHER	(133-0652)	500.00
5.	MINNESOTA MINING AND MANUFACTURING ST. PAUL, MN SCHOLARSHIPS FOR BUSINESS ADMINISTRATION STUDENTS FOR THE PERIOD 07-01-81 THROUGH 06-30-82 RVF ST AST MISC OTHER	(133-0653)	1,500.00
6.	MINNESOTA MINING AND MANUFACTURING ST. PAUL, MN SCHOLARSHIPS FOR CHEMISTRY STUDENTS FOR THE PERIOD 07-01-81 THROUGH 06-30-82 RVF ST AST MISC OTHER	(133-0654)	4,000.00
7.	IBM CORPORATION ARMONK, NY SCHOLARSHIPS FOR MUSIC STUDENTS FOR THE PERIOD 07-01-81 THROUGH 06-30-82 RVF ST AST MISC OTHER	(133-0655)	200.00
	TOTAL RIVER FALLS		57,414.00 =====
	RESEARCH	50,414.00	
	STUDENT AID	7,000.00	

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - STEVENS POINT

## RESEARCH

1. AGRIC, FOREST SERVICE  
MILWAUKEE, WI  
EVALUATION OF GOOD HOST PROGRAM IN NORTHERN  
LAKE STATES ZONE OF REGION NINE  
FOR THE PERIOD 06-24-81 THROUGH 10-22-81  
AWARD # RFQ R9-81-66  
STP CONR NATURAL RESOURCS NAT RESRCS (144-8489) 2,950.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
COLLEGE WORK STUDY PROGRAM  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # CAN 1E003258  
STP STU AF FINANCIAL AIDS WORK-STUDY (145-2221) 891,649.00

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

1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT  
PROGRAM - INITIAL  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # CAN 1E003254  
STP STU AF FINANCIAL AIDS ED OPP GTS (146-2210) 424,146.00

2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT  
PROGRAM - CONTINUING  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # CAN 1E003254  
STP STU AF FINANCIAL AIDS ED OPP GTS (146-2211) 174,682.00

3. EDUCATION, DEPT OF  
WASHINGTON, DC  
NATIONAL DIRECT STUDENT LOAN PROGRAM  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # CAN 1E003255  
STP STU AF FINANCIAL AIDS N DIR ST L ( LOANS ) 128,728.00

4. EDUCATION, DEPT OF  
WASHINGTON, DC  
TRAINEESHIPS IN SPEECH-LANGUAGE PATHOLOGY AND  
AUDIOLOGY  
FOR THE PERIOD 09-01-81 THROUGH 08-31-82  
AWARD # G058100017  
STP COPS SCH OF COMM DIS (144-5906) 9,335.00

TOTAL STEVENS POINT

1,631,490.00  
=====RESEARCH  
STUDENT AID2,950.00  
1,628,540.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - WHITEWATER

## INSTRUCTION

- |    |  |            |           |
|----|--|------------|-----------|
| 1. | WI DEPT OF PUBLIC INSTRUCTION<br>MADISON, WI<br>PRIME CONTRACTOR WITH DED<br>COURSES FOR IMPROVING SERVICES FOR VISUALLY<br>HANDICAPPED STUDENTS<br>FOR THE PERIOD 01-09-81 THROUGH 05-30-81<br>AWARD # 01072<br>WTW ET&PS EXT - FIELD SVC | (144-0048) | 5,262.00  |
| 2. | WI DEPT OF PUBLIC INSTRUCTION<br>MADISON, WI<br>PRIME CONTRACTOR WITH DED<br>CAREER EDUCATION CONFERENCE HELD IN MEQUON ON<br>11-12-80<br>AWARD # 3442095<br>WTW ET&PS EXT - FIELD SVC   | (144-0051) | 500.00    |
| 3. | WI DEPT OF PUBLIC INSTRUCTION<br>MADISON, WI<br>PRIME CONTRACTOR WITH DED<br>CURRICULUM GUIDE IV<br>FOR THE PERIOD 07-15-81 THROUGH 06-30-82<br>AWARD # P.O. 00333<br>WTW BUS&EC BUSINESS EDUC BUS EDUC                                    | (144-0202) | 27,216.00 |
| 4. | WI DEPT OF PUBLIC INSTRUCTION<br>MADISON, WI<br>PRIME CONTRACTOR WITH DED<br>PROJECT TYPIST "C" WORKSHOPS<br>FOR THE PERIOD 08-10-81 THROUGH 06-30-82<br>AWARD # P.O. 00534<br>WTW BUS&EC BUSINESS EDUC. BUS EDUC                          | (144-0237) | 27,171.00 |
| 5. | WI DEPT OF PUBLIC INSTRUCTION<br>MADISON, WI<br>PRIME CONTRACTOR WITH DED<br>LEISURE ACTIVITIES FOR THE SEVERELY<br>HANDICAPPED - WORKSHOP<br>FOR THE PERIOD 06-06-81 THROUGH 06-15-81<br>AWARD # PAA 02602<br>WTW ET&PS EXT-AC OUTREACH   | (144-0260) | 1,921.00  |
| 6. | UNIVERSITY OF NEBRASKA<br>LINCOLN, NB<br>WORKSHOP FOR BUSINESS EDUCATORS FOR THE PERIOD<br>08-17-81 THROUGH 08-20-81<br>AWARD # 4322009<br>WTW BUS&EC BUSINESS EDUC BUS EDUC   | (133-0221) | 4,098.00  |

## STUDENT AID

- |    |  |           |        |
|----|--|-----------|--------|
| 1. | WISCONSIN NATIONAL LIFE INSURANCE CO.<br>OSHKOSH, WI - REPRESENTING INSURANCE POLICY<br>DIVIDENDS FROM THE POLICY INSURING THE LIFE<br>OF JOHN D. RIESCH, M.D.<br>JOHN D. RIESCH SCHOLARSHIP<br>(TRUST INCOME)<br>WTW ST AST MISCELLANEOUS | ( TRUST ) | 603.50 |
|----|--|-----------|--------|

TOTAL WHITEWATER

66,771.50  
=====INSTRUCTION  
STUDENT AID66,168.00  
603.50

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## RESEARCH

1.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC INTEGRATING MICROCOMPUTERS INTO SCIENCE CURRICULUM FOR THE PERIOD 10-15-81 THROUGH 03-31-84 AWARD # SER-8162644 CNS RICH COMPUTER SCIENCE	(144-R427)	4,418.00
2.	WISCONSIN DEPT OF NATURAL RESOURCES MADISON, WI AIR QUALITY MONITORING - MANITOWOC FOR THE PERIOD 10-01-80 THRU 09-30-81 AT A \$1,788.41 LEVEL AWARD # P.O. #NRA97804 CNS MANIT ADMINISTRATION	(133-E139)	480.00
	TOTAL CENTER SYSTEM		4,898.00 =====
	RESEARCH		4,898.00

GIFTS, GRANTS AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1. AGRICULTURE, DEPT. OF  
WASHINGTON, DC  
IMPACT OF COOPERATIVE GROWTH AND CHANGE IN  
ORGANIZATIONAL STRUCTURE ON MEMBER CONTROL  
FOR THE PERIOD 08-18-81 THROUGH 09-30-82  
AWARD # 58-31C7-1-1010  
EXT E E D AGRIC, AGRI-BUS U CT-COOPS (144-R333) 31,000.00
2. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS PHS ADAM  
FETAL ALCOHOL SYNDROME: A TELEVISION DOCUMENTARY  
FOR THE PERIOD 01-01-81 THROUGH 12-31-81  
AT A TOTAL COST OF \$36,500.00  
AWARD # GAA 00657-P, MOD. 1  
EXT E C TELEVISION (144-Q670) 12,500.00
3. DHHS, PHS, CENTER FOR DISEASE CONTROL  
ROCKVILLE, MD  
ASSESSING PHYSICAL FATIGUE AND STRESS IN WAREHOUSE  
OPERATIONS  
FOR THE PERIOD 08-31-81 THROUGH 12-31-82  
AWARD # 210-81-6008  
EXT PHD-CE SCH FOR WORKERS (144-R420) 48,848.00
4. WI DEPT OF ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DOE  
SOLAR ACCESS WORKSHOP  
FOR THE PERIOD 09-01-81 THROUGH 09-30-81  
AWARD # 81060  
EXT PHD-CE ENGINEERING ADMIN (144-R357) 3,870.00
5. WI DEPT OF ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DOE  
INSTITUTIONAL BUILDINGS GRANT PROGRAM  
FOR THE PERIOD 07-01-81 THROUGH 06-30-82  
AWARD # ADB-00850  
EXT PHD-CE ENGINEERING ADMIN (144-R489) 34,147.00
6. SOUTHEAST WISCONSIN REGIONAL PLANNING COMMISSION  
WAUKESHA, WI  
PRIME CONTRACTOR WITH EPA  
AREAWIDE WATER QUALITY PLANNING AND MANAGEMENT  
PROGRAM FOR SOUTHEASTERN WISCONSIN  
FOR THE PERIOD 08-01-81 THROUGH 12-31-82  
AWARD # AGR DTD 09-08-81  
EXT COM PR COMMUNITY PROGS SOUTHEAST (144-R146) 27,150.00
7. MILWAUKEE COUNTY  
MILWAUKEE, WI  
PRIME CONTRACTOR WITH LABOR  
4-H PROMOTIONAL CAMPAIGN SUPPORT  
FOR THE PERIOD 01-01-81 THROUGH 09-30-81  
AWARD # 81-WA27-D  
EXT COM PR COMMUNITY PROGS MILW CO (144-Q535) 17,365.00

GIFTS, GRANTS, AND CONTRACTS  
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## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

8. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
MARGARET FULLER: AN HISTORICAL PERSPECTIVE  
FOR THE PERIOD 07-01-81 THROUGH 12-31-81  
AT A TOTAL COST OF \$6,900.00  
AWARD # G-FY80-165(H), MOD. 1  
EXT PHD-CE HUMAN DEVELOPMNT WOMENS ED (144-R022) 60.00
9. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
TRAVELING HUMANISTS  
FOR THE PERIOD 08-07-81 THROUGH 12-31-81  
AWARD # G-FY80-178(L)  
EXT COM PR COMMUNITY PROGS MILW CO (144-R484) 4,200.00
10. NATIONAL CONSUMER COOPERATIVE BANK  
WASHINGTON, DC  
PRIME CONTRACTOR WITH TREAS  
TECHNICAL ASSISTANCE COOPERATIVE CONTRACT FOR THE  
DEVELOPMENT OF A COURSE ENTITLED "MANAGEMENT  
PRINCIPLES AND PRACTICES FOR FOOD COOPERATIVES"  
FOR THE PERIOD 07-31-80 THROUGH 10-31-82  
AT A TOTAL COST OF \$87,013.76  
AWARD # NCCB-C-80-81, MOD. 1  
EXT E E D AGRIC, AGRI-BUS U CT-COOPS (144-Q075) 67,013.76
11. MULTIPLE DONORS  
CONTINUED PROGRAM DEVELOPMENT IN THE DIVISION  
OF PROFESSIONAL AND HUMAN DEVELOPMENT AT THE  
DEAN'S DISCRETION  
EXT P H D ADMINISTRATION (133-B447) 175.00
12. MULTIPLE DONORS  
PROFESSIONAL DEVELOPMENT AND SUPPORT OF  
FACULTY AND ACADEMIC STAFF  
EXT E E D SMALL BUS DV CTR S B D C (133-0599) 400.00
13. FRIENDS OF CHANNEL 21, INC.  
MADISON, WI  
SUPPORT ADMINISTRATIVE COSTS OF THE FRIENDS AND  
WHA-TV FOR THE PERIOD 07-01-80 THRU 06-30-81  
EXT E C TELEVISION (133-0894) 1,120.11
14. MULTIPLE DONORS  
ACQUISITION UNDERWRITING  
EXT E C TELEVISION (133-0936) 1,282.00
15. EDUCATIONAL COMMUNICATIONS BOARD  
MADISON, WI  
PROGRAMMING AND RADIO OPERATIONS CENTER  
AGREEMENTS FOR THE PERIOD 07-01-81  
THRU 06-30-82 AT A \$206,780 LEVEL  
EXT E C RADIO (133-E665) 1,200.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1981

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

16.	DRUM CORPS INTERNATIONAL LOMBARD, IL DRUM CORPS INTERNATIONAL TENTH ANNIVERSARY CHAMPIONSHIP BROADCAST EXT E C TELEVISION	(133-E728)	21,700.00
17.	WISCONSIN DAIRY HERD IMPROVEMENT COOPERATIVE MADISON, WI ADMINISTRATION OF THE OFFICIAL DAIRY HERD IMPROVEMENT TESTING PROGRAM 1981-82 EXT E E D AGRIC, AGRI-BUS DAIRY SCI	(133-E780)	11,500.00
18.	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI PRODUCTION COST OF "CINEMA OF..." PROGRAMS AWARD # P.O.#EC800204 EXT E C TELEVISION	(133-E782)	11,960.00
19.	ANONYMOUS DONORS SUPPORT UNRESTRICTED NURSING PROGRAMS OF THE UNIVERSITY OF WISCONSIN-EXTENSION DEPARTMENT OF NURSING EXT PHD-CE HLTH & SOC SVCS NURSING	(133-6204)	900.00
20.	MULTIPLE DONORS SUPPORT WEED CONTROL RESEARCH PROGRAM EXT E E D AGRIC, AGRI-BUS AGRONDMY	(133-7714)	500.00
21.	WISCONSIN DAIRY HERD IMPROVEMENT COOPERATIVE MADISON, WI DAIRY HERD IMPROVEMENT EXT E E D AGRIC, AGRI-BUS DAIRY SCI	(133-9260)	5,000.00

## GIFT-IN-KIND

1.	FRIENDS OF CHANNEL 21 MADISON, WI IKEGAMI HL-79DA CAMERA AND ACCESSORIES GIFT-IN-KIND EXT E C TELEVISION		
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TOTAL EXTENSION

301,890.87

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EXTENSION AND PUBLIC SERVICE 301,890.87



GIFTS, GRANTS AND CONTRACTS SUMMARY  
 ITEMS PROCESSED 08-21-81 THROUGH 09-17-81

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNKES.	TOTAL
CENTL ADM/UNIV. WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTER SYSTEM	-0-	-0-	-0-	-0-	-0-	4,898	-0-	-0-	4,898
EAU CLAIRE	10,223	203,205	-0-	-0-	-0-	-0-	1,250,800	-0-	1,464,228
EXTENSION	301,891	-0-	-0-	-0-	-0-	-0-	-0-	-0-	301,891
GREEN BAY	-0-	-0-	-0-	408	-0-	1,950	1,250	-0-	3,608
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON	-0-	587,909	130,073	406,616	-0-	9,358,532	234,239	-0-	10,717,368
MILWAUKEE	-0-	93,094	-0-	12,559	-0-	172,062	13,500	-0-	381,215
OSHKOSH	11,465	140,496	1,200	-0-	-0-	6,150	-0-	-0-	159,311
PARKSIDE	-0-	-0-	-0-	300	-0-	-0-	-0-	-0-	300
PLAITEVILLE	1,000	500	-0-	124,507	-0-	13,620	1,491,353	-0-	1,630,980
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	50,414	7,000	-0-	57,414
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	2,950	1,628,540	-0-	1,631,490
STOUT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	-0-	66,168	-0-	-0-	-0-	-0-	604	-0-	66,772
<b>TOTAL OCT 1981</b>	<b>324,579</b>	<b>1,091,372</b>	<b>131,273</b>	<b>544,390</b>	<b>-0-</b>	<b>10,210,576</b>	<b>4,627,284</b>	<b>-0-</b>	<b>16,429,474</b>
PREVIOUSLY REPORTED	2,432,970	7,484,356	438,598	2,248,705	1,143,520	49,453,522	23,936,046	625	67,138,341
<b>GRAND TOTAL</b>	<b>2,757,549</b>	<b>8,575,727</b>	<b>569,871</b>	<b>2,793,095</b>	<b>1,143,520</b>	<b>59,664,098</b>	<b>28,563,330</b>	<b>625</b>	<b>104,067,815</b>
<b>TOTAL OCT 1980</b>	<b>1,444,213</b>	<b>1,703,356</b>	<b>10,756</b>	<b>823,514</b>	<b>45,420</b>	<b>9,393,570</b>	<b>7,446,062</b>	<b>5,663</b>	<b>20,372,553</b>
PREVIOUSLY REPORTED	1,814,664	7,626,139	421,974	1,436,518	509,694	41,267,482	24,083,261	1,130	77,159,860
<b>GRAND TOTAL</b>	<b>3,258,877</b>	<b>9,329,495</b>	<b>432,729</b>	<b>2,260,032</b>	<b>554,114</b>	<b>50,661,052</b>	<b>31,529,323</b>	<b>6,793</b>	<b>98,032,413</b>
<b>FEDERAL TOTAL OCT 1981</b>	<b>255,494</b>	<b>1,007,712</b>	<b>129,804</b>	<b>232,437</b>	<b>-0-</b>	<b>9,137,235</b>	<b>4,356,835</b>	<b>-0-</b>	<b>15,119,511</b>
PREVIOUSLY REPORTED	862,836	6,917,044	-0-	414,522	310,455	37,348,109	23,385,927	-0-	69,238,893
<b>FEDERAL GRAND TOTAL</b>	<b>1,118,330</b>	<b>7,924,756</b>	<b>129,804</b>	<b>646,959</b>	<b>310,455</b>	<b>46,485,344</b>	<b>27,742,762</b>	<b>-0-</b>	<b>84,358,410</b>
<b>FEDERAL TOTAL OCT 1980</b>	<b>517,584</b>	<b>1,548,093</b>	<b>1,900</b>	<b>218,026</b>	<b>45,420</b>	<b>7,792,610</b>	<b>7,180,173</b>	<b>-0-</b>	<b>17,353,806</b>
PREVIOUSLY REPORTED	1,622,007	7,472,290	30,400	564,337	508,694	32,699,073	23,384,761	-0-	66,281,562
<b>FEDERAL GRAND TOTAL</b>	<b>2,139,591</b>	<b>9,020,383</b>	<b>32,300</b>	<b>782,363</b>	<b>554,114</b>	<b>40,491,683</b>	<b>30,564,934</b>	<b>-0-</b>	<b>83,585,368</b>

# The University of Wisconsin System



OFFICE OF THE PRESIDENT

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October 9, 1981

TO: The Board of Regents  
FROM: Robert M. O'Neil  
RE: A Report on the Tenth Anniversary of the University  
of Wisconsin System

Exactly ten years ago the Wisconsin Legislature and the Governor made a critical decision about the structure of higher education in this state. They determined that the Wisconsin State Universities and the University of Wisconsin should come together to form a single University of Wisconsin System.

The idea of a unified system was not new. Merger legislation was proposed in 1947, and even earlier concern had been expressed about the structure of public higher education. The process of fusion was bound to be a difficult and complex one -- a process which even now is not complete. The passage of a decade does, however, afford an opportunity to review the condition of the System and to look ahead to the second decade and beyond.

## I. The Beginnings: 1971-73

October 9 marks the tenth anniversary of Governor Patrick Lucey's signing of the legislation creating the University of Wisconsin System; the bill became law three days later as Chapter 100, Laws of 1971. That historic event was only the first official step in the orderly process of public policy development by which the unified UW System became a legal and practical reality. The first step, however, was a critical one. We might review briefly what the 1971 law did -- and did not -- prescribe.

This legislation created and defined the new System to include all schools, campuses, branches and property governed by the former Boards of Regents of the University of Wisconsin and the Wisconsin State Universities. A new systemwide Board of Regents was constituted -- acceding to all the powers, duties and functions previously vested in the Boards of the two separate systems. The rationale for planning the new system was clearly stated in the legislation:

EXHIBIT A

A unified system of collegiate education will foster greater diversity in educational opportunity, promote the growth of diversified, quality undergraduate programs and preserve the strength of the state's graduate training and research centers.

Balanced as a limitation upon this goal was the desire to achieve:

. . . the widest degree of individual campus autonomy within the controlling limits established by the board of regents. . . . Each campus shall be entitled to develop specialized programs of academic excellence reserved to it by the board . . . and individual campuses shall be entitled to develop unique strengths, teaching methods, rules and regulations which promote individual campus character and identity.

Such goals could not be willed into existence overnight. Time -- and further study -- were needed. The legislation allowed the Regents nearly two years to consolidate the administrative staffs of the two former systems; in the interim, the two systems were to maintain separate identities and continue to operate under their independent statutory charters.

With admirable commitment and speed, the two Boards of Regents -- who had only recently seen their interests as incongruent, if not antagonistic -- began the process of coalescence. Of equal importance to making the merged system a reality, and to providing necessary guidance as to how to do so, was the statute's creation of a Merger Implementation Study Committee. The Committee had an awesome mandate: by January 1, 1973, it was to present to the Regents and the Legislature not only recommendations for merging Chapters 36 and 37 of the statutes, but to report on a minimum of thirteen major areas of substantive and difficult university policy relevant to organizing the new System.

The work of the Regents and the Study Committee during the next two years constituted the second official phase of the System's development. The Committee consisted of six Regents, two faculty, and two students (all equally representing both former university systems); three citizens; the chairmen of the Legislature's two Committees on Education; and the co-chairmen of the Legislature's Joint Committee on Finance. Between December 3, 1971 and January 19, 1973, the Study Committee met as a whole, divided itself into subcommittees, and invited participation by administrators, faculty, students and the public at large. Its accomplishments and recommendations during this period were substantial.

Perhaps the most visible area of achievement was the consolidation of Chapters 36 and 37 of the statutes. Despite differences over particular provisions, the full Committee endorsed recommendations for this revision -- most of which the Legislature adopted verbatim in its 1973 enactment of unified Chapter 36. Some of the results of this project are seen today in the provisions on faculty tenure and governance, institutional autonomy, graduate and undergraduate credit transfer policies, student participation in governance, and admissions and tuition policies. Other provisions reflect the care of the Committee -- and the Regents -- in addressing the missions of System and campus, and their concerns both to increase programmatic independence of the institutions and to maintain institutional diversity. And, in a number of the other areas mandated for study, the Committee developed information and policy proposals and advised the Legislature and Regents that continuing attention by the Board, rather than present recommendations, were appropriate.

Those who have worked to implement the idea of a unified UW System born ten years ago in legislation are greatly indebted to the Study Committee and the first System Regents for their efforts and vision, which certainly continue to stand us in good stead.

The formation of this new System was accompanied by both hopes and fears. High expectations and deep anxieties predictably attended the birth of this new and greatly enlarged network of higher learning. The intervening years have allayed many of the anxieties; a once-feared homogenization of Wisconsin higher education has not occurred, and individual institutional identities have not been lost. At the same time, however, not all the hopes were realized. Some proponents of merger foresaw greater resources, new and better facilities, improved teaching and study conditions, and other developments to which structure (though not logically related) seemed to offer a possible catalyst. In both respects, the first decade of the UW System has been a reassuring period, both for proponents and opponents of its creation.

Much more could be said about this fascinating and critical period in Wisconsin higher education. Several dissertations have been written about merger, its antecedents and consequences, \*

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\*See Joseph P. Heim, Decisionmaking in the Wisconsin Legislature: A Case Study of the Merger of the University of Wisconsin and the Wisconsin State University System (Department of Political Science, UW-Milwaukee, 1976) or Joseph C. Rost, The Merger of the University of Wisconsin and the Wisconsin State University Systems: A Case Study in the Politics of Education (Department of Educational Administration, UW-Madison, 1973).

and we must rely on those and other more intensive studies to fill the gaps in a summary report of this kind. Yet as other states seek to blend once disparate public colleges and universities into comprehensive systems, the history of the first decade in Wisconsin will be increasingly valuable, and will draw national attention to the experience we recall this month. But we cannot pause longer on the origins, and must move instead to a survey of later developments.

## Part II. The First Decade: 1971-81

The ultimate value of a single System is readily apparent to those familiar with higher education in other states. Consider for a moment the alternatives to the present UW System. In times of progressively scarcer resources, the competition between or among separate public colleges and universities inevitably increases. As a result, critical decisions not only about budgets but also about facilities and even academic programs are made more and more by state coordinating boards or higher education commissions rather than by university faculties, administrators and governing boards. Many issues over which the System Board of Regents has final authority in Wisconsin are becoming elsewhere the province of state agencies whose appreciation of university traditions and academic values is tenuous or haphazard. Many interinstitutional issues which become legislative battles in other states are here resolved within the UW System in accordance with traditional academic values and principles, even as we remain fully accountable to the Legislature. We do not need and do not expect unanimity on policy among the Regents; but the Board, with its willingness to hear diverse viewpoints, provides coherence and continuity in setting educational policy -- a role which will become increasingly important as the decade of scarce resources continues to unfold.

Given these benefits, both to state government and to public higher education, it is hardly surprising that other state universities have shown an interest in the Wisconsin model. Only in North Carolina does a similar pattern exist, although Massachusetts has recently (and less sensitively) attempted a somewhat comparable merger of postsecondary institutions. In the next decade, however, other states will face a critical choice -- either to do as Wisconsin did a decade ago, or to achieve a comparable but less satisfactory result by expanding the powers of coordinating boards. The preferability of the Wisconsin approach will become even clearer as the pressures of the next decade narrow the range of choice.

Any assessment of this first decade requires a critical review of both stature and resources. The UW System remains one of international renown. By any measure the faculties, the programs, and the research accomplishments of its constituent institutions continue to rank near the top.

Some account should also be given of the demographic dimensions and development of the University of Wisconsin System. Student enrollments have increased from 133,706 in 1971-72 to 158,848 this fall, a jump of 25,146. During this period 175,563 baccalaureate degrees, 49,110 master's degrees, 4,276 graduate professional degrees, and 7,667 doctoral degrees have been awarded, a grand total of 236,616 degrees of all kinds. Perhaps most remarkably, as an indicator of the expansion of higher education in recent times, 43% of all degrees granted (552,293) by System institutions since their founding have been awarded during the decade since merger.

Striking evidence of the dynamic character of the System in this decade comes from the evolution of its academic programs. Since 1974, no fewer than 115 degree programs were phased out -- a few essentially as paper options, but most reflecting judgments by faculty, institutional and System administrators that earlier offerings were no longer viable. During the same period, 98 new degree programs were approved by the Board -- these actions reflecting recognition by faculty and academic administrators of new dimensions of knowledge and study. Since the curriculum is really the essence of an institution of higher learning, these data on the dynamism of our degree offerings are especially significant.

Statistics of this sort regrettably mask the human dimensions of a large and diverse institution. During this period, many conscientious attempts have been made to identify and recognize individual achievements -- through awards to outstanding students, special commendation to faculty members at each institution, and citations for non-academic staff. Yet the sheer size and scale of a System of this magnitude -- factors partially offsetting the benefits of merger -- are an unavoidable consequence.

While a University System is not only bricks and mortar, several critical developments in its physical plant bear mention here. Since 1971 the System has completed a \$125 million improvement in the Clinical Sciences Center on the Madison campus, including construction of a new hospital and clinic and renovation of the old hospital. At UW-Madison and UW-River Falls the System is now building major instructional and clinical facilities for the School of Veterinary Medicine. Energy conservation programs have saved 27% compared to consumption levels at the time of merger -- an energy cost avoidance in excess of \$25 million. Instructional and research facilities have been maintained under a comprehensive program funded through the capital budget process. Special note should be taken of the System's implementation of on-grade or ramp access for handicapped persons to all major institutional facilities, in addition to vertical access within buildings; further plans, moving toward full compliance with federal and state policies, are underway.

Last, but surely not least among the measures of the System's evolution are key changes in budget and support levels. Quite apart from the growth in state resources, there has been striking growth in the levels of external support received principally through federal grants and contracts but from private gifts and bequests as well.

Selected Measures of External Support

	UW-Madison		UW System	
	<u>1972-73</u>	<u>1979-80</u>	<u>1972-73</u>	<u>1979-80</u>
Federal Grants and Contracts	\$66,864,000	\$114,529,000*	\$88,026,000	\$170,855,000*
State, Local and Private Grants	12,256,000	19,856,000	14,929,000	25,404,000
Endowment Income	949,000	1,851,000	1,063,000	2,008,000
State-Funded Research Support	15,772,000	27,300,000	17,711,000	31,000,000

\*These totals include Basic Opportunity (now Pell) grants.

The assessment to this point has been generally positive. It has suggested steady growth in the first decade, progress and cause for optimism. Yet there are some deeply alarming data not far below the surface. In 1971, for example, Wisconsin ranked sixth among all states in the amount of support per full-time equivalent student in public higher education.\* (See Table 1 in Appendix) By last year, that ranking slipped to 31st -- taking this state from a position well within the top ten down into the bottom half. While a relatively slower growth of absolute dollar support for public higher education is attributable partly to the absence of junior and community colleges in Wisconsin, this dramatic drop in ranking of per student support levels cannot be thus explained. The same trend appears from a different perspective: at the time of merger the University of Wisconsin System claimed roughly one-quarter of the state's general revenues. Today that share has fallen to less than one-fifth -- in the range of 18 percent in the current biennium. It would be hard to avoid the conclusion either that higher education has fallen in favor, or at least has been forced to share scarce public resources with a growing number of competing claimants.

These alarming trends require explanation. Wisconsin has been passed, like its midwestern neighbors, by some states which began rather late to develop public higher education, and thus rose from a low base to respectable support levels. It is also

\*Council for Postsecondary Education, State of Washington. (The decline in appropriations per capita has been more gradual -- from fifth rank early in the decade to ninth last year. The greater slippage in per student support results from a marked rise in the percentage of the total population attending public colleges and universities; Wisconsin went from 12th rank nationally in the early '70s to 6th position last year. A comparatively declining resource base has had, in other words, to be distributed among a steadily expanding student body.)

true that the very commitment of Wisconsin so support of many public sector activities -- human and health services, for example -- has intensified competition for resources that have not grown nearly as fast as the demands upon them. Then, too, the effects of campus political unrest may have been more severe and may have left a larger residue of disenchantment in this state than in others.

There is another possibly significant and unusual factor. In many states where the economy has been depressed and state appropriations for higher education have dwindled, public universities have been able to offset such losses, to some extent, by increasing tuition. Authorization for tuition increases in Wisconsin, however, is tied to the appropriation level set by the Legislature in each budget -- which means that the System's ability to absorb reduced appropriations by tuition increases declines, rather than expands, when state revenues and resulting appropriations flag. The System is, in this sense, less well off than sister institutions in other states facing similar fiscal constraints, since it has less flexibility with which to face declining state support.

None of these factors, nor all of them together, fully explain why Wisconsin higher education has not fared better in the last decade. The question naturally arises whether structure in any way explains the trends -- whether the once-claimed efficiency of merger may have become an occasion for reduced support levels. In the absence of a controlled experiment, one can do no more than speculate. Yet a glance at the experience of other states suggests that structure has little to do with levels of state support, or changes in those levels. Some states in which there is a high degree of consolidation have fared rather well during the '70s; others in which institutions remain completely separate have fared poorly, and vice versa. Thus without evidence of a different kind, it does not appear that merger, or the creation of a single System, has caused a decline in levels of public support for higher education. In fact, merger may have brought a new source of strength to all the institutions of the System; surely the experience with the 1981-83 biennial appropriation suggests the tangible values of a single statewide system. Thus it would be neither fair nor accurate to blame merger -- or structure -- for the fiscal problems which the UW System and its institutions have faced.

If merger has not depressed support for the System as a whole, one might ask whether particular institutions have fared less well within a merged System than they would have fared independently. Again, of course, one can only speculate, since a precise analogy does not exist. Moreover, the question is to some extent unrealistic; even a decade ago Wisconsin higher education was already "merged" to a far higher degree than was true (and still is) in many other states, and the possibility of truly independent budgets comparable to those of Ohio or Michigan never existed. Yet it is reasonable to conjecture whether individual institutions might have fared better if the two systems had not come together.



If one examines trends in composite support indexes -- essentially support per student taking account of major institution differences -- during the past decade (see Table 2 in Appendix), one finds few changes that are not readily explainable in other terms. Obviously, for example, support at UW-Superior seems to have risen more (through 1980-81 -- the data for the current year would be quite different) than other institutions simply because of the enrollment loss which was arrested only last year. But with a few exceptions of that sort, there does not seem in those data to be evidence of disadvantageous treatment of institutions within the UW System.

An important caveat should accompany any such conclusions: a Committee of Chancellors, together with Vice President Lorenz and Associate Vice President Cammack, have for some months been studying enrollment funding patterns and support levels for the System as a whole and for its institutions. That Committee will be reporting its findings several months hence. It would be unwise to anticipate, much less preempt, the work of this Committee, and for that reason current assessments are necessarily tentative. We expect that the Board of Regents, as well as the Chancellors and System Administration, will be giving much attention to these issues when the report of the Funding Alternatives Committee is submitted.

There are other measures of diversity within the UW System -- a diversity which has not been lost despite the change in structure. In 1974, institutional mission statements, both general and special, were approved by the Board of Regents. Those mission statements, though necessarily comprehensive, have proved remarkably durable in the intervening years. There has been little desire to modify the statements despite substantial changes in student and faculty interests, advances in technology, availability of facilities and the like. When the issue has arisen, it is agreed that mission statements worked out with such care should be treated rather like the United States Constitution -- amendable if absolutely necessary, but better adapted through interpretation and application than by textual reform.

Such tensions as do exist within the merged system seem remarkably unrelated to historic differences between the two prior systems. Rarely will differences between Chancellors or faculties follow simply the Chapter 36/Chapter 37 line of division; much more often divisions reflect institutional size, growth patterns, or mission, or location, and other factors transcending the line which merger formally blurred, and which has become operationally blurred during the first decade. In the coming years, we must take special care to see that this line remains blurred, despite the obvious and historic differences among the kinds of institutions comprising this System.

During the decade since the creation of the System, its character has come increasingly to be viewed as that of federation. Both campus and System policies, and those of the Board of Regents, reflect that concept. Perhaps I might recall the pertinent portion of my inaugural address in September of last year, where I observed of the nature of the UW System:

This System is still taking shape, and has yet to be fully formed. There are several possible views of its nature and role. Some see the System as a separate educational institution. That view seems to me mistaken; the System offers no degrees, gives no academic credits, has no faculty and no alumni. On the other hand, I find equally inaccurate the view that the System is simply a conduit through which papers pass from universities to state government and between institutions. The truth, in my view, lies between these two antitheses. The University System should be more than simply the sum of its parts, although the constituent institutions are of course its core and its reason for being. The System has a responsibility to shape and apply policies, enhance relations among institutions, facilitate contact between the institutions and state government, and represent to the citizens and the state the needs of higher education in Wisconsin. The System should make easier, not more difficult, the tasks of the chancellors and the institutions.

Within this framework, it is inevitable that our institutions will do some things quite differently. In some state university systems, all campuses have the same letterhead, the same symbol, and even the same colors. Such identity would hardly be consistent with the history or the character of this System. Indeed, our observance today of the System's tenth anniversary in no way eclipses similar noteworthy events in the history of our institutions: UW-Milwaukee celebrates next week its 25th anniversary; UW-Stevens Point and UW-Eau Claire are, this year, 90 and 65 years old, respectively; and this month marks the 15th anniversary of Chancellor Weidner's stewardship of the UW-Green Bay -- a tenure which, in practicality, corresponds to the life of the institution. There are other symbolic measures of diversity. During my initial visits to all the universities, I bought pennants at each for a seven year old son who loves banners. To my amazement, I realized when the collection was complete that no two of the pennants use even the same format; some spell out "Wisconsin" while others use "UW-\_\_\_\_\_", some use the institutional seal while others do not, and so on. The variety is apparently unconscious, but nonetheless persuasive evidence of diversity.

There are appropriate differences also in more substantive matters like faculty and academic staff personnel policies, student academic regulations and discipline or conduct rules, policies governing the use of facilities, and many other aspects of university life. Yet the observance of a single set of Regent policies -- many of which are codified as administrative rules in UWS Chapters 1-16 -- ensures a degree of consistency and harmony which persons outside the UW System would reasonably expect, and which serves to make the federation function. There is bound to be some degree of tension within such a System -- pressures that are both centrifugal and centripetal -- but given good will and commitment to a common set of values and ideals, the resulting equation can be expected to continue to work reasonably well.

Obviously any account of the first decade of the University of Wisconsin System could cover many more topics. It is not the goal of this report to cover all issues, but simply to identify some milestones of special significance, some sources of special pride, and some causes of special concern. Not all important developments have been identified, and the report is therefore necessarily incomplete. There is much else that will warrant further analysis at the time of the 20th or 25th anniversary some years hence.

### III. Some Thoughts on the Second Decade: 1981-91

About the only certainty for the next decade is that the enrollment in the UW System will be smaller in 1991 than it is today. Although enrollments are still growing -- and recently grew at a faster rate than we predicted -- they will begin to decline before the mid-'80s and will continue to drop until about 1993-94 (when the population of college age will again begin to rise). During that period enrollments will drop at an average rate of 1-2% per year across the System -- in all areas, that is, save Extension, where the adult clientele will expand as the 18-24 year old population dwindles.

The distribution of enrollment shifts among our institutions will probably not be uniform. Yet there do seem to be outer limits to these projections: few, if any, of our institutions is likely to be completely spared the experience of becoming smaller, while none of our universities should face enrollment losses beyond its capacity to adapt. (The experience of UW-Superior is instructive: from 1968 until 1979, enrollment there declined from about 3,320 to about 2,150 students -- a drop far greater than the System as a whole will face during the next decade, and probably more severe than any of the individual universities will experience.)

Any projections -- even of such a gross sort -- presuppose certain external constants. We assume, for example, that the effect of the new federal financial aid policies which went into effect a few days ago will not be as severe for our institutions as for some others. We also assume that future reductions in federal and/or state support for student aids will not be so discontinuous as to alter our basic planning assumptions. If we are incorrect in these and other respects, of course our projections may need to be altered along the way.

If there are fewer students, there will also be fewer faculty and staff in the UW System of the 1990s. Yet it seems likely, if we continue to maintain a reasonable measure of flexibility in our personnel policies and plans, that we should be able to adapt to these changed conditions without either dramatic dislocations or a loss of the vitality which accompanies a reasonably steady influx of young faculty. If fiscal emergency should become necessary elsewhere than at UW-Superior, the requisite policies and procedures are in place, and have received the imprimatur of a federal court. Obviously the tenure layoffs of the mid-1970s -- perhaps the most painful experience during the first decade of merger -- make us keenly anxious to avoid a recurrence. The sort of planning reflected in the November 30, 1979 statement of the Board of Regents should go far to preparing us better for the challenges of the 1980s than almost any other state university system.

Quite apart from the temporary decline in numbers, there will be other changes during the next decade. Student interests will shift -- demand for business and engineering will probably level off and demand for teacher education will revive, for example. The needs and demands of society will also change, and the major employers who recruit our graduates will seek different skills and experience in the '80s and '90s. Technology will change, too, and will bring alterations in both the content and the process of instruction at our universities. And the changing world role of the United States will undoubtedly affect not only student preferences among the foreign languages, but perhaps also the curriculum of the next decade. It would be tempting to speculate further -- to suggest which fields will wax and which will wane -- but the risks of doing so and the scope of this report repress ~~the~~ temptation.

There is more to the second decade than simply predictions. This seems a good time to ask what we might do better in the future, how we might shape our course in the next decade. First among the challenges for the period ahead, of course, is that of acquiring adequate resources to accommodate the constant pressures of quality and access -- and as enrollments decline, retaining state support levels sufficient to ensure the smaller numbers of students in the '80s and '90s a high quality education. The continuing urgency of resources is simply a given on any list of challenges, and undoubtedly will head the list a decade hence as much as it does today.

Many other challenges have been identified and could well be developed here. Six topics may, however, deserve special attention, and they are presented in an order that does not necessarily reflect their relative importance.

First, affirmative action will need a new approach in the next decade if even the modest gains of the recent past are to survive. During most of the '70s, the goal was compliance -- to develop programs, initiate recruitment and retention efforts, and report data in accordance with mandates of federal and state law. That will not be the case in the 1980s to nearly the same extent. We are receiving many indications of a lessened federal emphasis on affirmative action -- apparently reflecting the mood of much of the country. Until now, it has been possible for persons in higher education who were committed to affirmative action to warn recalcitrant colleagues, "Wait until the feds come." That approach is not likely to carry much force in the future. The fate of affirmative action programs in colleges and universities will thus depend greatly on our inner resolve to go beyond the external mandate. Such commitments as those of our own Board of Regents, echoed by faculty and administrators across the System, should help to sustain our momentum even in a changed external climate.

Second, the 1980s should be a time for strengthening our ties with the secondary schools, our partners in education. Already this year we have devoted much attention to that partnership -- not only in formal discussions at Regent meetings; in the restructuring of the College Skills Council (formerly the Basic Skills Council, now happily and more accurately renamed); in helping to plan the Governor's Conference on Basic Skills in December; and in reviewing particular programs in the fields of teacher education. Growing concern at the national level both about the quality of teacher preparation and the literacy and competency of graduates of secondary schools have surely been felt in Wisconsin, and the UW System must be part of the response in its second decade.

Third, we should reaffirm and strengthen in the 1980s another kind of partnership -- that with business and industry. It is no accident that still rising numbers of our undergraduates seek careers in business, and that business and industry continue to absorb our graduates profitably and creatively. The 1970s were essentially a time of rapprochement between business and higher education -- a sort of rediscovery or resumption of relations after a dissonant period. Now that old wounds have healed, and new ties have been forged, there is an unprecedented opportunity for new approaches to shared concerns -- how best to prepare business leaders who will not only be technically competent but also professionally responsible; how to help revive and even reshape the failing economy of this region; how to help expand

export and international trade potential in an increasingly competitive world market; how to take fullest advantage of university expertise in new fields like genetic engineering without distorting academic values and priorities; and how to bring into the university classroom the rich experience of business practitioners. The agenda is a long and complex one, but the channels through which to address it now exist as they have not for almost twenty years. A major emphasis of the next decade should therefore be our relations with business, as well as with other partners.

One other set of relations can and should be improved -- that with government. At the state level, a major tenet of the Wisconsin Idea is placing the University in the service of government. This we do in many respects, and have always done, but we may miss opportunities which would not only enhance state government but would also benefit higher education. There is, for example, much current concern about the biennial budget process, and a wish by legislators and others to explore alternatives before the next round begins in 1983. Within our universities lies a wealth of pertinent expertise which is not always fully tapped; indeed, there are times when government agencies will call in a university scholar from another state without really evaluating the domestic talent. The blame does not lie wholly, or perhaps even primarily, with government. We in the universities have not done enough to make government at all levels aware of the resources we have, and of our willingness to put those resources at the service of government for such vital goals as improving the biennial budget process or enhancing statewide economic growth and development.

There is a related dimension, having to do with federal government. During debates this past spring and summer, higher education leaders were rightly rebuked for a seeming passivity on major issues of federal funding. The national associations and organizations could offer only the mildest of alternatives; diversity of membership made it difficult to frame within the necessary time kinds of options which might have been more palatable to Congress than the stark choices that were presented. More could have been done by individual institutions -- the UW System surely among them -- to work with our representatives on these issues as they came through the Congress. Further reductions are expected in support both for student aid and for research; as these issues come before Congress in the '80s, we can surely do a better job than we did this year. And while the results may be no more pleasing, we will at least have the satisfaction of having tried.

The fifth challenge is a more general one, and cuts across several of the others. A state university or system exists for many reasons; clearly among them is the need to do that which the people of the state believe should be done. The initial

declaration of the Wisconsin Idea surely reflected that view, and later refinements have been wholly consistent. Yet today we really know very little about the wishes of the citizens of Wisconsin for their state universities. It would now be useful, with the tensions of the early '70s well behind us, to probe public attitudes toward and expectations of higher education in this state.

There are some obvious cautions. We may learn that many citizens doubt the value of studying South Asian history, or Near Eastern languages, or astrophysics, or small group process. Clearly these and myriad other subjects are essential and proper for a great system of state universities, and we should not be diffident in our defense of the broad range of learning which we offer. Conversely, we may find some citizen desire for emphases we cannot pursue -- for example, more vocational and technical education (which is assigned in this state to a different system). But there should be many points of consensus, and much valuable insight from such contact with those who are the ultimate constituents of state universities. It cannot hurt to find out what is expected of us, even though we cannot do all that is expected, and must continue to do some things that are not expected. Surely there can be no harm in letting the citizens of this state know that we care about how they feel toward higher education.

Finally, I would offer a different sort of challenge for the coming decade. It is no less central than the climate of scholarship -- the essential freedom within which to inquire, to experiment, to test, and to challenge. Last year in my inaugural address I suggested that we should be vigilant to the condition of academic freedom, even though I did not expect heavy or crude threats to inquiry -- noting that subtle threats may chill or deter scholarly pursuits quite as gravely. The intervening months have heightened that concern, and given it a proper place on the agenda of issues for the second decade of the UW System.

One of the more disturbing areas is federal regulation of unclassified university-based scientific research the development and international dissemination of which may be perceived by government agencies as a threat to national security. Under a bewildering array of federal laws and regulations, several federal agencies have in the past two years taken actions suggesting an intent to restrict the relations between American academic scientists engaged in particular kinds of high technology research and their foreign colleagues, and their freedom to publish papers with arguable security implications, or teach foreign students -- even though the research is unclassified. In our institutions, as elsewhere, the Departments of State and Commerce have recently inquired about the roles and activities of visiting Chinese scholars; and a troubling question arose last year about pre-publication review of unclassified UW-Madison research sponsored by the Army.

Academic response to these and other perceived threats, across the nation, has varied. Last February, the presidents of several major universities wrote in dismay to the Secretaries of Defense, Commerce and State to express deep concern that, as they understood federal regulations governing the Defense Department's sensitive Very High Speech Integration Circuit program, implementation of the regulations would drive high technology research out of universities, with severe and dangerous implications for both the economy and national security. Study groups elsewhere have been formed to address different problems.

However one perceives or judges these varied situations and the merits of the proposed solutions, one observation is compelled: imaginative and informed efforts will be required to ensure that improper governmental restraint on full and free academic inquiry becomes neither a reality nor a widespread perception. The development of a climate where researchers are intimidated or discouraged by the threat of undue regulation can, quite as much as rigid rules, chill basic research; we will have to respond convincingly to government perceptions and initiate our own policy proposals, whether we view government's approach to perceived problems as accurate or distorted.

Our concerns about secrecy can run in the other direction as well. There are, of course, some aspects of research which require protection from premature public dissemination -- notably the possibilities that patentable information contained in research proposals might prematurely enter the public domain under legislation such as the Freedom of Information Act, or that reporting requirements of subsidized research could effectively strip universities of protection of patentable information. Rash or insensitive regulations could deprive universities of properly protectible interests and expectations, which would deter imaginative new research.

Not all the risks which government poses to academic freedom derive from regulatory or security concerns. In the social sciences, for example, we should be alert to possible abuses related to policy-oriented research: the selective funding of studies by government, the degree to which results may not be publicized and disseminated if they are politically unappealing, and the public policy uses to which they may be put can all be problematic. Abuses in these areas not only disserve the social interest in free and full exchange of information, but indirectly discourage the pursuit of knowledge because of the message they send to researchers.

These concerns reflect a theme which, like the urgency of adequate resources, is recurrent and will remain high on our agenda for the foreseeable future: the protection and advocacy of the rights and interests of our faculties. A university system administration must perform many essentially nonacademic and even



bureaucratic tasks. But a responsible System should also make special efforts to foster a climate within which the freest and most probing of research and teaching can occur. That commitment has always been especially strong in Wisconsin. It has not atrophied since merger; indeed acceptance of the principles and values of academic freedom and inquiry has broadened as a result of the events which we mark this week. The future will bring many challenges for our institutions and our System, but none so critical as safeguarding the liberties of expression and inquiry. It is, therefore, fitting to conclude this review of the first decade and prognosis for the second on a note that is central to the academic mission of a great University System.

A P P E N D I X

TABLE 1A.

## STATE AND LOCAL SUPPORT OF HIGHER EDUCATION 1972-73

Percentage of Public Enrollment Population		State & Local Appropriations Per Capita		State & Local Appropriations Per FTE Student	
1. Arizona	4.27	1. Hawaii	84.95	1. Alaska	3250
2. Hawaii	4.26	2. Arizona	74.16	2. New York	2892
3. North Dakota	4.07	3. Alaska	73.75	3. Illinois	2709
4. California	4.00	4. California	72.21	4. New Jersey	2206
5. Wyoming	3.94	5. Wisconsin	68.98	5. Pennsylvania	2147
6. Colorado	3.93	6. Illinois	62.28	6. Wisconsin	2093
7. Washington	3.79	7. Wyoming	61.56	7. Florida	2075
8. Utah	3.77	8. New York	59.75	8. Kentucky	2045
9. Oregon	3.66	9. Washington	57.94	9. Iowa	2036
10. Kansas	3.53	10. Colorado	56.16	10. Hawaii	1994
11. New Mexico	3.38	11. Idaho	55.48	11. North Carolina	1961
12. Wisconsin	3.30	12. Oregon	55.18	12. Mississippi	1957
13. Delaware	3.22	13. Mississippi	53.77	13. Georgia	1951
14. Oklahoma	3.20	14. Michigan	52.36	14. South Carolina	1932
15. Montana	3.15	15. Kansas	51.70	15. Maryland	1916
16. Idaho	2.98	16. Utah	51.02	16. Rhode Island	1912
17. Nebraska	2.88	17. New Mexico	49.89	17. Missouri	1909
17. South Dakota	2.88	18. Florida	47.61	18. Connecticut	1891
19. Michigan	2.87	19. Maryland	47.19	19. Indiana	1877
20. Texas	2.77	20. Texas	47.02	20. Idaho	1863
21. Mississippi	2.75	21. Delaware	46.31	21. Ohio	1862
22. Minnesota	2.65	22. Iowa	45.97	22. Michigan	1823
23. Louisiana	2.63	23. North Carolina	45.51	23. California	1805
24. Vermont	2.55	24. Minnesota	45.40	24. Nevada	1786
25. Maryland	2.46	25. Kentucky	45.35	25. West Virginia	1766
25. West Virginia	2.46	26. North Dakota	45.18	26. Arizona	1738
27. Virginia	2.45	27. Montana	44.26	27. Minnesota	1716
28. Alabama	2.36	28. Missouri	43.60	28. Texas	1695
29. North Carolina	2.32	29. West Virginia	43.41	29. Maine	1668
30. Illinois	2.30	30. Nebraska	43.36	30. Virginia	1649
31. Florida	2.29	31. Rhode Island	42.72	31. Wyoming	1562
32. Missouri	2.28	32. Indiana	41.52	32. Massachusetts	1544
33. Alaska	2.27	33. South Carolina	40.51	33. Washington	1527
34. Iowa	2.25	34. Virginia	40.37	34. Louisiana	1514
35. Nevada	2.23	35. Ohio	40.28	35. Nebraska	1508
35. Rhode Island	2.23	36. Louisiana	39.88	36. Oregon	1506
37. Kentucky	2.22	37. Nevada	39.80	37. New Mexico	1476
38. Indiana	2.21	38. Georgia	38.52	38. Kansas	1466
39. Tennessee	2.20	39. Connecticut	37.10	39. Tennessee	1449
40. Ohio	2.16	40. New Jersey	36.94	40. Delaware	1436
41. South Carolina	2.10	41. Vermont	36.24	41. Arkansas	1435
42. New York	2.07	42. Pennsylvania	35.37	42. Colorado	1428
43. Arkansas	2.02	43. South Dakota	33.78	43. Vermont	1421
44. Maine	1.98	44. Maine	33.05	44. Montana	1403
45. Georgia	1.97	45. Tennessee	31.89	45. Utah	1355
46. Connecticut	1.96	46. Oklahoma	31.86	46. Alabama	1295
47. New Hampshire	1.93	47. Alabama	30.53	47. South Dakota	1172
48. Massachusetts	1.77	48. Arkansas	28.97	48. North Dakota	1111
49. New Jersey	1.67	49. Massachusetts	27.29	49. Oklahoma	997
50. Pennsylvania	1.65	50. New Hampshire	16.79	50. New Hampshire	872

Data Source: Council for Postsecondary Education, State of Washington...

TABLE 1B.

## STATE AND LOCAL SUPPORT OF HIGHER EDUCATION, 1980-81

Percentage of Student Enrollment in Public Institutions to Total Population		Combined State and Local Appropriations for Higher Education on a Per Capita Basis		Combined State and Local Appropriations for Higher Education Per FTE Student	
1. Washington	4.45	1. Alaska	204.45	1. Alaska	7851
2. Arizona	4.32	2. Wyoming	173.65	2. Wyoming	5420
3. North Dakota	4.31	3. California	146.14	3. New York	4354
4. California	3.86	4. Hawaii	140.28	4. Hawaii	4161
5. Colorado	3.82	5. Arizona	127.46	5. Georgia	4107
<b>6. Wisconsin</b>	<b>3.80</b>	6. Kansas	125.11	6. Iowa	4018
7. Kansas	3.74	7. New Mexico	121.81	7. South Carolina	4013
8. Delaware	3.73	8. North Dakota	120.66	8. North Carolina	3884
9. Oregon	3.71	<b>9. Wisconsin</b>	<b>119.06</b>	9. Connecticut	3825
10. Nebraska	3.40	10. Minnesota	118.36	10. California	3784
11. Hawaii	3.37	11. Iowa	117.85	11. Minnesota	3774
11. New Mexico	3.37	12. Nebraska	117.39	12. Alabama	3687
13. Oklahoma	3.33	13. North Carolina	116.79	13. Idaho	3637
13. Montana	3.33	14. Oregon	113.86	14. New Mexico	3615
15. Michigan	3.32	15. South Carolina	112.40	15. Mississippi	3583
16. Utah	3.22	16. Alabama	110.34	16. Louisiana	3578
17. Wyoming	3.20	17. Utah	110.10	17. Texas	3500
18. Virginia	3.18	18. Washington	109.85	18. Kentucky	3492
19. Minnesota	3.08	19. Mississippi	108.60	18. Arkansas	3492
20. Texas	3.04	20. Texas	107.45	20. Nebraska	3450
21. Mississippi	3.03	21. Delaware	107.21	21. Utah	3418
22. Maryland	3.01	22. New York	106.24	22. Illinois	3377
23. Alabama	2.98	23. Idaho	102.63	23. Pennsylvania	3349
24. South Dakota	2.95	24. Maryland	98.58	24. Kansas	3348
25. North Carolina	2.92	25. Michigan	96.28	25. West Virginia	3335
26. Illinois	2.82	26. Illinois	96.09	26. Missouri	3283
26. Idaho	2.82	27. Virginia	95.34	27. Indiana	3228
28. Iowa	2.81	28. Louisiana	94.75	28. Rhode Island	3203
29. Nevada	2.80	29. Colorado	93.73	29. Maryland	3198
30. South Carolina	2.71	30. Oklahoma	90.67	30. Florida	3126
31. Vermont	2.69	31. West Virginia	87.10	<b>31. Wisconsin</b>	<b>3102</b>
32. Louisiana	2.63	32. Montana	85.78	32. Oregon	3067
33. West Virginia	2.61	33. Kentucky	84.00	33. Virginia	2998
34. Alaska	2.60	34. Indiana	83.74	34. Arizona	2952
35. Indiana	2.59	35. Rhode Island	82.69	35. Tennessee	2920
36. Rhode Island	2.58	36. Arkansas	82.07	36. Michigan	2903
37. Ohio	2.53	37. Connecticut	80.56	37. New Jersey	2875
38. Tennessee	2.52	38. Georgia	79.66	38. Delaware	2872
39. Kentucky	2.41	39. Nevada	77.71	39. North Dakota	2794
40. Arkansas	2.35	40. Missouri	76.30	40. Nevada	2779
41. Missouri	2.32	41. South Dakota	74.17	41. Oklahoma	2725
42. New York	2.31	42. Tennessee	73.66	42. Ohio	2687
43. Florida	2.29	43. Florida	72.42	43. Maine	2605
44. Massachusetts	2.24	44. Ohio	68.71	44. Montana	2575
45. New Jersey	2.23	45. New Jersey	65.09	45. South Dakota	2510
46. New Hampshire	2.15	46. Pennsylvania	65.81	46. Massachusetts	2512
47. Maine	2.14	47. Vermont	60.01	47. Washington	2469
48. Connecticut	2.11	48. Massachusetts	56.21	48. Colorado	2456
49. Georgia	1.94	49. Maine	55.68	49. Vermont	2234
50. Pennsylvania	1.87	50. New Hampshire	35.75	50. New Hampshire	1660

Data Source: Council for Postsecondary Education, State of Washington.

TABLE 2.

PERCENTAGE CHANGE IN THE COMPOSITE SUPPORT INDEX  
1972-73 THROUGH 1980-81  
(DEFLATED TO THE 1972-73 BASE)

Unit*	CSI 1972-73	CSI 1980-81	% Change In CSI's	Net Change In FTE Enrollments	% Change In FTE's
Madison	32.33	29.07	-10.1	+4,328	13.4
Milwaukee	34.09	29.92	-12.2	+ 667	3.9
Eau Claire	34.81	28.87	-17.1	+2,042	24.5
Oshkosh	35.04	33.00	- 5.8	-1,369	-13.5
Whitewater	35.42	29.38	-17.1	+ 742	9.6
Stevens Point	34.72	29.81	-14.1	+ 59	0.7
La Crosse	35.41	29.36	-17.1	+1,788	27.5
Stout	36.41	28.17	-22.6	+2,048	38.6
River Falls	39.97	29.62	-25.9	+1,380	35.9
Platteville	39.32	32.07	-18.4	+ 393	8.9
Parkside	49.69	36.04	-27.5	+ 123	3.6
Green Bay	55.17	35.51	-35.6	- 152	-4.5
Superior	41.88	42.17	+ 0.7	- 789	-28.7
Center System	49.77	35.41	-28.9	+1,028	18.4
System	35.80	30.49	-14.8	+12,288	10.3

\* In descending order of 1980-81 WSCH by Cluster.

TABLE 3.

## PRELIMINARY FINAL FALL 1981 HEADCOUNT ENROLLMENT

## University of Wisconsin System

University	Headcount Enrollment
Madison	41,543
Milwaukee	26,619
Eau Claire	10,963
Green Bay	4,525
La Crosse	8,945
Oshkosh *	11,141
Parkside	5,735
Platteville	5,087
River Falls	5,502
Stevens Point	9,209
Stout	7,484
Superior	2,286
Whitewater	10,200
Center System	<u>9,609</u>
TOTAL	158,848

\* UW-Oshkosh estimate of end-of-term final count.

Non-Personnel Actions and  
Informational Items

REPORT OF THE PRESIDENT OF THE SYSTEM

Resolution:

That the Report of Non-Personnel Actions by  
Administrative Officers to the Board of Regents  
and Informational Items Reported for the Regent  
Record be received for the record; and that  
actions included in the report be approved,  
ratified and confirmed.

REPORT OF NON-PERSONNEL ACTIONS BY ADMINISTRATIVE OFFICERS  
to the  
BOARD OF REGENTS  
AND INFORMATIONAL ITEMS REPORTED FOR THE REGENT RECORD  
9 October 1981

I. CONTRACTS AWARDED.

A. UW-EAU CLAIRE

- |    |   |                    |
|----|---|--------------------|
| 1. | 1979-81 Primary Voltage Electrical Switchgear (8006-12)   |                    |
| a. | <u>Electrical</u><br>HVM Corporation - New Berlin   | \$ 11,630.00       |
| 2. | 1979-81 Swimming Pool Filtration System Replacement (8101-06)   |                    |
| a. | <u>Swimming Pool Filter System</u><br>Badger Swimpoools, Inc. - Sauk City   | \$ 11,345.00       |
| 3. | 1979-81 Science Hall Chillers Interconnect (8103-24)  |                    |
| a. | <u>All Work</u><br>F. E. Grosvold Company, Inc. - Eau Claire  | \$ 46,758.00       |
| 4. | 1979-81 Five Building Roof Repair/Replacement (Davies<br>University Center/Towers Residence Hall/Schofield<br>Hall Tower/Phillips Science Hall/McIntrye Library<br>Connector) (8103-37) |                    |
| a. | <u>Roof Work (SHT/PSH/MLC)</u><br>Horel-George Company - Eau Claire   | \$ 59,859.00       |
| b. | <u>Roof Work (DUC/TRH)</u><br>Horel-George Company - Eau Claire   | <u>\$ 7,697.00</u> |
|    | TOTAL CONTRACT AWARDS:  | \$ 67,556.00       |

B. UW-GREEN BAY

- |    |   |              |
|----|---|--------------|
| 1. | 1979-81 Three Building Roof Repair (Environmental Sciences/<br>Laboratory Sciences/Library Learning Center) (8103-39) |              |
| a. | <u>Roof Repair Work</u><br>Northeastern Roofing Company - Seymour   | \$ 35,900.00 |
| 2. | 1981-83 Chilled Water Lines Repair (8107-25)  |              |
| a. | <u>Chilled Water Lines Repair</u><br>Tweet Garot Mechanical, Inc. - Green Bay   | \$ 18,770.00 |

C. UW-LA CROSSE

- |    |  |               |
|----|--|---------------|
| 1. | 1979-81 Campus Lighting (8105-13)                              |               |
| a. | <u>Electrical Work</u><br>Poellinger Electric, Inc. - Stoddard | \$ 126,164.00 |



D. UW-MADISON

1. 1979-81 Turkey Research Facility - Arlington Farms (8008-29)
  - a. General  
Roessler & Sons Construction, Ltd. - Cross Plains \$ 144,144.00
  - b. Plumbing  
Benjamin Plumbing Company, Inc. - Madison \$ 9,940.00
  - c. HVAC & Electrical  
Don's Electric, Inc. - Portage \$ 49,087.00

TOTAL CONTRACT AWARDS: # 203,171.00
2. 1981 Seed Storage Building Addition - Spooner  
Experimental Farm (8103-11)
  - a. General Construction Work  
Wojcik Construction Company - Neenah \$ 47,717.00
  - b. Electrical Work  
Harmon Brothers Construction, Inc. - Grantsburg \$ 5,500.00

TOTAL CONTRACT AWARDS: \$ 53,217.00
3. 1979-81 Six Building Roof Repair/Replacement (620 Babcock  
Drive Building/Babcock Hall-Canopy Roofs/Washburn  
Observatory/Nuclear Engineering Building T-23/Motor  
Vehicle Research Laboratory T-27/General Engineering  
Building T-24)
  - a. Shingle Roofing - Four Buildings  
Portage Lumber Company - Portage \$ 72,200.00
  - b. Sheet Metal Roofing - Two Buildings  
American Heating & Air Conditioning, Inc. - Middleton \$ 77,237.00

TOTAL CONTRACT AWARDS: \$ 149,437.00
4. 1981 Parking Area 20 Reconstruction (8106-15)
  - a. All Work  
Homburg-01p Construction Company, Inc. - Monona \$ 13,218.25

E. UW-MILWAUKEE

1. 1979-81 Maryland Avenue Pedestrian Bridge (8010-20)
  - a. General  
Birks - Halyard Corporation - Milwaukee \$ 144,000.00
  - b. Electrical  
Outdoor Lighting Construction Company, Inc. - Brown Deer \$ 16,973.00

TOTAL CONTRACT AWARDS: \$ 160,973.00
2. 1979-81 Six Building Roof Repair/Replacement (8103-45)
  - a. Roofing & Related Work (Chapman Hall  
Fine Arts Center/Bolton Hall)  
Dehling - Voigt, Inc. - Newburg \$ 178,746.00

b.	<u>Roofing &amp; Related Work (Heating Plant)</u> Winding Roofing Company, Inc. - Milwaukee	\$ 19,973.00
c.	<u>Roofing &amp; Related Work (Sabin Hall)</u> Duranson & Sons, Inc. - Muskego	\$ 3,150.00
d.	<u>Roofing &amp; Related Work (Downtown North Building)</u> J. F. Probst & Company, Inc. - Butler	\$ 2,097.00
	TOTAL CONTRACT AWARDS:	\$ 203,966.00

F. UW-OSHKOSH

1.	1979-81 Three Building Roof Repair/Replacement (Dempsey Hall/Radford Hall/Security Building) (8103-46)	
a.	<u>All Work</u> Mid-West Roofing, Inc. - Waukesha	\$ 24,526.00

G. UW-PARKSIDE

1.	1979-81 Radio and Television Frequency Reception and Distribution System (8007-22)	
a.	<u>Electrical/Communications Work</u> Cremer Engineering Company, Inc. - Wauwatosa	\$ 56,078.00
2.	1979-81 Two Building Roof Replacement (Greenquist Hall/Communication Arts Building) (8103-47)	
a.	<u>All Work</u> Carlson Racine Roofing, Inc. - Racine	\$ 90,476.00

H. UW-PLATTEVILLE

1.	1981 Pioneer Stadium Lighting Renovation (8107-19)	
a.	<u>Electrical Work</u> Brandiwood Electric, Inc. - Prairie du Sac	\$ 5,872.00

I. UW-RIVER FALLS

1.	1979-81 Pavilion Roof Replacement (8103-48)	
a.	<u>Roofing &amp; Related</u> Nieman Roofing Company, Inc. - New Prague, MN	\$ 22,400.00

J. UW-STOUT

1.	1977-79 Library Learning Center (7802-10)	
a.	<u>Landscape Development</u> Klehm Brothers Company - Arlington Heights, IL	\$ 20,040.00
2.	1979-81 Handicapped Access Improvements (8102-19)	
a.	<u>General</u> A. A. Hoehn, Inc. - Eau Claire	\$ 69,985.00
b.	<u>Plumbing</u> Wiersgalla, Inc. - Eau Claire	\$ 9,261.00
c.	<u>Electrical</u> C. R. Stocks Electric Company, Inc. - Eau Claire	\$ 14,935.00
	TOTAL CONTRACT AWARDS:	\$ 94,181.00

3. 1981 Four Building Roof Repairs (Tainter Residence Hall and Food Service Facility/Jeter Residence Hall/ Callahan Residence Hall/South Residence Hall) (8103-52)

a. All Roof Work  
Nieman Roofing Company, Inc. - New Prague, MN \$ 80,000.00

K. UW-SUPERIOR

1. 1979-81 Two Building Roof Repairs (McCaskill Hall/ Old Main - Curran Wing) (8103-50)

a. General Work  
R. L. Schmitt Entr., Inc., d/b/a/Sandberg  
Sheet Metal/Roofing - Superior \$ 3,950.00

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

A. UW-MADISON

1. 1979-81 School of Veterinary Medicine (Charmany Farm Facility) (7911-53.2)

a. HVAC  
J. F. Ahern Company - Fond du Lac ADD \$ 31,715.00

*infected!  
see memo  
B*

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

uw-GB - Agree with NEWis in School Telecommunications for prod of classroom progs. R 2484 p. 5

A. An agreement between Northeastern Wisconsin In-School Telecommunications and the University of Wisconsin - Green Bay Center for Television Production for production of additional programs in a classroom series for the period July 1, 1981 through December 31, 1981, has been signed by the Director of Center for Television Production UW-Green Bay and by the Associate Chancellor. *(X-ref - NEWis In-School Telecomm)*

uw-Stout - contract with CESSE #6 for prod of videotaped progs, R 2484, P 5.

B. A contract between The Cooperative Educational Service Agency #6, Chippewa Falls, Wisconsin, and The University of Wisconsin - Stout Teleproduction Center for production of videotaped programs for the period June 1 - September 30, 1981, has been signed by the Director of the Teleproduction Center. *(X-ref - Coop Ed Serv Agency #6, Chipp Falls)*

uw-Whitewater - declaration of intention between Technische Universität Berlin + Innovation Service Center encouraging cooperation, R. 2484, P. 5

C. A Declaration of Intention between the Technische Universität Berlin (Technologie-Transfer-Stelle) and the University of Wisconsin (Innovation Service Centre), signed by the University of Wisconsin President, encourages cooperation and exchange of the results of research in order to provide innovation evaluation facilities and related services for innovators in science and industry and encourages technology transfer between science and industry. The Innovation Service Centre is located at the University of Wisconsin - Whitewater. *(X-ref - Technische Universität Berlin)*

D. An agreement between the Bavarian Soccer Club, Inc., and the Board of Regents of the University of Wisconsin System covering the use of the Bavarian Soccer Field by the University of Wisconsin - Milwaukee for the period September 1, 1981 through August 31, 1982, has been signed by the Assistant Chancellor, University of Wisconsin - Milwaukee. *uw-Milw - agreement w/ Bavarian Soccer Club for use of field, R. 2484, P 5.*

*✓ Bavarian Soccer Club - agree w/ uw-Milw for use of field.*

3. 1981 Four Building Roof Repairs (Tainter Residence Hall and Food Service Facility/Jeter Residence Hall/ Callahan Residence Hall/South Residence Hall) (8103-52)

a. All Roof Work  
Nieman Roofing Company, Inc. - New Prague, MN \$ 80,000.00

K. UW-SUPERIOR

1. 1979-81 Two Building Roof Repairs (McCaskill Hall/ Old Main - Curran Wing) (8103-50)

a. General Work  
R. L. Schmitt Entr., Inc., d/b/a/Sandberg  
Sheet Metal/Roofing - Superior \$ 3,950.00

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

A. UW-MADISON

1. 1979-81 School of Veterinary Medicine (Charmany Farm Facility) (7911-53.2)

a. HVAC  
J. F. Ahern Company - Fond du Lac ADD \$ 31,715.00

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

- A. An agreement between ~~Northeastern Wisconsin In-School Telecommunications~~ and the University of Wisconsin - Green Bay Center for Television Production for production of additional programs in a classroom series for the period July 1, 1981 through December 31, 1981, has been signed by the Director of Center for Television Production UW-Green Bay and by the Associate Chancellor.
- B. A contract between ~~The Cooperative Educational Service Agency #6, Chippewa Falls, Wisconsin, and The University of Wisconsin - Stout Teleproduction Center~~ for production of videotaped programs for the period June 1 - September 30, 1981, has been signed by the Director of the Teleproduction Center.
- C. A Declaration of Intention between the Technische Universitat Berlin (Technologie-Transfer-Stelle) and the University of Wisconsin (Innovation Service Centre), signed by the University of Wisconsin President, encourages cooperation and exchange of the results of research in order to provide innovation evaluation facilities and related services for innovators in science and industry and encourages technology transfer between science and industry. The Innovation Service Centre is located at the University of Wisconsin - Whitewater.
- D. An agreement between the Bavarian Soccer Club, Inc., and the Board of Regents of the University of Wisconsin System covering the use of the Bavarian Soccer Field by the University of Wisconsin - Milwaukee for the period September 1, 1981 through August 31, 1982, has been signed by the Assistant Chancellor, University of Wisconsin - Milwaukee.

*Deleted A & B*

- 3. 1981 Four Building Roof Repairs (Tainter Residence Hall and Food Service Facility/Jeter Residence Hall/Callahan Residence Hall/South Residence Hall) (8103-52)

- a. All Roof Work  
Nieman Roofing Company, Inc. - New Prague, MN. \$ 80,000.00

K. UW-SUPERIOR

- 1. 1979-81 Two Building Roof Repairs (McCaskill Hall/Old Main - Curran Wing) (8103-50)

- a. General Work  
R. L. Schmitt Entr., Inc., d/b/a/Sandberg Sheet Metal/Roofing - Superior \$ 3,950.00

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

A. UW-MADISON

- 1. 1979-81 School of Veterinary Medicine (Charmany Farm Facility) (7911-53.2)

- a. HVAC  
J. F. Ahern Company - Fond du Lac ADD \$ 31,715.00

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

- A. A Declaration of Intention between the Technische Universität Berlin (Technologie-Transfer-Stelle) and the University of Wisconsin (Innovation Service Centre), signed by the University of Wisconsin President, encourages cooperation and exchange of the results of research in order to provide innovation evaluation facilities and related services for innovators in science and industry and encourages technology transfer between science and industry. The Innovation Service Centre is located at the University of Wisconsin - Whitewater. ✓
- B. An agreement between the Bavarian Soccer Club, Inc., and the Board of Regents of the University of Wisconsin System covering the use of the Bavarian Soccer Field by the University of Wisconsin - Milwaukee for the period September 1, 1981 through August 31, 1982, has been signed by the Assistant Chancellor, University of Wisconsin - Milwaukee.
- C. An agreement between the Universities of Indiana, Purdue and Wisconsin and the Colleges of Philology, Philosophy and Educational Sciences, and Geography and History of the University of Madrid providing for continuation of a study-abroad program, effective September 1, 1981, for a period of five years has been signed by the Director of Business Services, University of Wisconsin - Madison; this continues a previous arrangement established in 1970. *Study Abroad*
- D. An amendment to the Special Use Permit (Road) with the USDA for Brunswiler Forest Access through the Chequamegon National Forest (reported to the Board in September 1981) has been signed by the UW-Madison Vice Chancellor for Administration. The amendment modifies the annual payment to \$13 from \$10 and reduces the width of the easement from 40 feet to 20 feet. *Added*

✓ <sup>Budget funds</sup> UW-RF - contract w/ River Falls Public Schools for use of Ramer Field. - R 2484, P. 5  
✓ River Falls Public Schools - contract w/ UW-RF for  
etc.

E. The contract between UW-River Falls and the River Falls Public Schools for utilization of Ramer Field for the 1981-82 school year at a cost of \$850 per event has been renewed. The original contract for use of the field was signed in September 1977.

✓ UW-RF - Blaise Grants - contract w/ RF HS for use of Karges Swimming Pool, R. 2484, P. 5  
✓ River Falls High School - contract w/ UW-RF, etc.

F. The contract between the River Falls High School and UW-River Falls relating to use of the Karges swimming pool by the high school has been extended for the 1981-82 year. Terms include: (1) the rate per hour will be \$25.00 with no charge for competitive swimming events; (2) the University will bill the public schools on a monthly basis; (3) upon completion of repairs to the high school pool, the contract will be terminated; (4) any additional dates which are needed will be cleared with appropriate University staff.

✓ Safety Dept, UW-MSK - lease of space at 329 N. Randall, R. 2484, P. 5

G. The lease of 500 square feet (store front at 329 North Randall Avenue) has been renewed for the period October 10, 1981 to September 30, 1984, upon signature by the Vice Chancellor for Administration, UW-Madison. The annual lease cost is \$3,500, with the space used to house members of the Safety Department staff, which has grown from 16 FTE's in 1979 to an expected 44 in 1981. Major growth has been in the areas of radiation safety and hazardous waste.

✓ UW-RF - health services contract with RF Medical Clinic, R. 2484, P. 5  
✓ RF Medical Clinic - health services contract w/ UW-RF

H. A Health Service Contract between River Falls Medical Clinic, LTD of River Falls and UW-River Falls has been signed by the Chancellor and the Vice President for General Services, covering the period August 1, 1981 for one year, with a schedule of rates for services included within the approved agreement.

✓ UW-RF - contract w/ Catholic Charities Bureau for child care center, R. 2484, P. 5  
✓ Catholic Charities Bureau

I. The 1981-82 contractual agreement between Catholic Charities Bureau, Inc., and UW-River Falls for continued operation of the child care center at the University has been signed by the Chancellor and the Vice President for General Services. The agreement will remain in effect from July 1, 1981 to June 30, 1982, with an option of the Institution to renew for two additional one-year periods, subject to mutual agreement of both parties as to terms and conditions agreed.

✓ 1954 E. Washington Ave - 1954 East - lease of space to Dane Co Mental Health Ctr  
✓ Dane Co Mental Health Ctr R. 2484, P. 5

J. An agreement with the Dane County Mental Health Center providing for lease of 980 square feet of space on the second floor of 1954 East Washington Avenue has been signed by the Vice Chancellor for Administration, UW-Madison. The space will be used as office space for the Detoxification Program operated by the Dane County Mental Health Center.

K. The lease of 2,000 square feet of space at 2210 Evergreen Road, Middleton, for use by University Housing for storage of off-season grounds equipment, refrigerators, spare parts, etc., for family housing operations for 100 apartments, has been signed by the Vice Chancellor for Administration, UW-Madison. Leased since 1978, the current agreement will date from November 1, 1981 to October 31, 1982.

✓ University Housing - UW-MSK  
lease of space at 2210 Evergreen Rd, Middleton, for storage. R. 2484, P. 5

✓ also in 2210 Evergreen Rd Middleton

University of Wisconsin-Extension  
Program Revenue Contracts and Agreements

For Regent Meeting  
October 9, 1981

Agency/Donor	Project Description	Award Number	Amount	Project Period	Project Director	UDDS
Wisconsin Department of Health & Social Services	Technical Assistance- Energy Savings Analysis & Audit Program Development	AGR dated 7-20-81	\$ 9,900.00	6-1-81/12-31-81	Thomas W. Smith	T-31-3405
U.S. Department of Interior	A Topographic Survey of the State of Wisconsin	AGR dated 7-20-81	\$20,000.00	7-1-81/6-30-82	Meredith E. Ostrom	T-23-5588
Wisconsin Department of Natural Resources	Summer Programs at Peninsula and Governor Dodge State Parks	AGR dated 6-12-81	\$ 3,500.00	7-3-81/9-9-81	David Peterson	T-21-42XX
University of Illinois -Urbana-Champaign	Income Tax Workshop (Farm and Small Business)	P.O.# 13696J	\$ 7,150.00	7-1-81/6-30-82	Philip Harris	T-31-4220
Control Data Corporation	Loan of Plato Terminals	AGR dated 8-1-80	-----	One Year	Ken Nelson	T-26-2505

IV. REPORT OF ACTIONS TAKEN BY THE STATE BUILDING COMMISSION ON 26 AUGUST 1981 AFFECTING THE UNIVERSITY OF WISCONSIN SYSTEM.

UNIVERSITY	PROJECT	ACTION
1. UW-EAU CLAIRE	Requested release of \$9,000 of State Building Trust Funds-Planning for the preparation of Preliminary Plans & Specifications and a Concept & Budget Report for a 1979-81 Handi-capped Access Improvements project, at an estimated total budget cost of \$245,300.	WITHDRAWN by DSFM.
2. UW-GREEN BAY	Requested approval of the Concept & Budget Report and allotment of \$99,500 of State Building Trust Funds to plan, bid, and construct the 1979-81 Miscellaneous HVAC Modifications project.	WITHDRAWN by DSFM.
3. UW-LA CROSSE	Requested release of \$14,400 of Land Acquisition Funds, for additional Relocation Assistance expenses, related to a previously authorized property acquisition at UW-La Crosse.	APPROVED release of \$11,900 of SBTF-UPS.
4. UW-MADISON	Requested authority to sell one .28 acre parcel of improved land located at 6106 Queensway, Monona, WI, for \$77,700.	APPROVED
	* * *	
	Requested allotment of \$144,000 of State Building Trust Funds to plan, bid, and construct a 1981-83 Four Building Masonry/Caulking Repairs project.	WITHDRAWN by DSFM.
5. UW-MILWAUKEE	Requested release of \$12,500 of State Building Trust Funds-Planning for the preparation of Preliminary Plans & Specifications and a Concept & Budget Report for a 1979-81 Handi-capped Access Improvements project, at an estimated total project cost of \$379,000.	WITHDRAWN by DSFM.



UNIVERSITY	PROJECT	ACTION
6. UW-OSHKOSH	Requested authority to increase the budget for the 1977-79 Mechanical and Electrical Monitoring System project, by \$81,000, from \$340,000 to \$421,000.	DEFERRED
7. UW-PARKSIDE	Requested release of \$5,500 of State Building Trust Funds-Planning for the preparation of Preliminary Plans & Specifications and a Concept & Budget Report for a 1979-81 Handicapped Access Improvements project, at an estimated total project cost of \$149,200.	WITHDRAWN by DSFM.
8. UW-PLATTEVILLE	Requested allotment of \$31,200 of State Building Trust Funds to plan, bid, and construct a 1981-83 Tennis Courts and Running Track Repairs project.	WITHDRAWN by DSFM.
9. UW-RIVER FALLS	Requested allotment of \$22,800 of State Building Trust Funds to plan, bid, and construct a 1981-83 Track and Field Event Facility Repair and Resurfacing project.	WITHDRAWN by DSFM.
10. UW-STOUT	Requested allotment of \$29,300 of State Building Trust Funds to plan, bid, and construct a 1981-83 Tennis Courts Repair and Resurfacing project.	WITHDRAWN by DSFM.
11. UW-SYSTEM UW-Madison UW-Milwaukee UW-Oshkosh UW-Parkside	Requested allotment of \$809,400 of State Building Trust Funds to plan, bid, and construct ten (10) Minimum Maintenance projects on the campuses at UW-Madison (5), UW-Milwaukee (3), UW-Oshkosh (1), and UW-Parkside (1).	WITHDRAWN by DSFM.
* * *		
UW-Green Bay UW-La Crosse UW-Oshkosh UW-Platteville UW-Superior UW-Whitewater	Requested allotment of \$693,000 of State Building Trust Funds to plan, bid, and construct six (6) UW-System 1979-81 Minor Projects on the campuses at UW-Green Bay, UW-La Crosse, UW-Oshkosh, UW-Platteville, UW-Superior, and UW-Whitewater.	DEFERRED

UNIVERSITY	PROJECT	ACTION
11. UW-SYSTEM (Continued) UW-Eau Claire UW-Extension UW-La Crosse UW-Madison UW-Milwaukee UW-Oshkosh UW-Platteville UW-River Falls UW-Stevens Point UW-Stout UW-Superior UW-Whitewater UWC-Rock County	Requested allotment of \$1,839,000 of State Building Trust Funds, as the 1981-82 Annual Release of 1981-83 UW-System Minor Projects, to plan, bid, and construct fifteen (15) projects on the campuses at UW-Eau Claire (2), UW-La Crosse (1), UW-Madison (2), UW-Milwaukee (3), UW-Oshkosh (1), UW-Platteville (1), UW-River Falls (1), UW-Stevens Point (1), UW-Stout (1), UW-Superior (1), and UW-Whitewater (1), plan, bid, and construct one (1) project for UW-Extension, in Madison; and bid and purchase movable equipment for the soon-to-be-completed major Addition and Remodeling project on the UW-Center System campus at UWC-Rock County (Janesville).	WITHDRAWN by DSFM.

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

MEETING SCHEDULE

July 10, 1981	January 8, 1982
September 11, 1981	February 5, 1982
October 9, 1981 (UW-Stevens Point)	March 5, 1982
November 6, 1981	April 9, 1982
December 4, 1981	May 7, 1982 (UW-Milwaukee)
	June 11, 1982 (Annual Meeting)

STANDING COMMITTEES AS OF AUGUST 26, 1981

Executive Committee

Joyce M. Erdman (Chairman)  
Ben R. Lawton (Vice Chairman)  
David E. Beckwith  
Marilyn M. Fitzgerald  
Thomas P. Fox  
M. William Gerrard  
Herbert J. Grover

Education Committee

David E. Beckwith (Chairman)  
Marilyn M. Fitzgerald (Vice Chairman)  
Herbert J. Grover  
James Jesinski  
Joyce M. Erdman (ex officio)  
Ben R. Lawton (ex officio)

Business and Finance Committee

Thomas P. Fox (Chairman)  
Gerard E. Veneman (Vice Chairman)  
Edith N. Finlayson  
Robert P. Knowles  
Paul R. Schilling  
Joyce M. Erdman (ex officio)  
Ben R. Lawton (ex officio)

Physical Planning and Development Committee

M. William Gerrard (Chairman)  
Russell J. O'Harrow (Vice Chairman)  
Frank H. Heckrodt  
Philip J. Hendrickson  
Joyce M. Erdman (ex officio)  
Ben R. Lawton (ex officio)