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

Madison, Wisconsin

Held in the Clarke Smith Room, 1820 Van Hise Hall
Friday, November 10, 1978
9:06 A.M.

President Hales presiding

PRESENT: Regents Barkla, Beckwith, DeBardleben, Elliott, Erdman, Fish,
Fitzgerald, Gerrard, Grover, Hales, Lavine, Lawton, McNamara,
Neshek and Thompson

ABSENT: Regent Walter

The Secretary requested that the following corrections to the October 6, 1978, minutes be incorporated therein:

Page 6 - Report of the Education Committee The report was presented by
Regent Lawton - not Regent Lavine.

Page 7 - At the end of the first paragraph relating to the report of the
discussion in the Education Committee on Public Radio in Wisconsin,
add the following sentence: "There was agreement that these
questions would be followed up on a year from now."

Upon motion made by Regent Lavine, and properly seconded, it was
VOTED, That the minutes of the regular meeting of the Board of Regents
of the University of Wisconsin System held on October 6, 1978, be approved
as amended above.

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REPORT OF THE PRESIDENT OF THE BOARD

President Hales referred to the report of the Higher Educational Aids
Board meeting held on October 13, 1978, copy attached as EXHIBIT A. There
were no comments, and the report was ordered placed on file.

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President Hales announced the appointment of the following Regents
to the Regent Committee for the Search of a Dean of the School of Social Work
at the University of Wisconsin-Milwaukee: Regents Lawton, McNamara, and
Fitzgerald, Chairperson.

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REPORT OF THE PRESIDENT OF THE SYSTEM

Regent Lavine moved adoption of the following resolution, the motion was seconded by Regent DeBardeleben, and it was voted:

Resolution 1769: 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. (EXHIBIT B, attached)

President Young stated that during a recent visit to the University of Wisconsin-Parkside he was impressed with the library and the library activities there. He said they have received grants to do pioneering work in bibliographic material and recently the University of Wisconsin-Parkside Library Learning Center had been named the Library of the Year, and the Director had been presented with the Wisconsin Library Association Special Service Award. He said it is a very impressive operation and the competition is very keen, as we have very good libraries throughout the System and the State.

President Young noted that during visits to the various campuses he was made aware of the concern of the faculty, students, and others relative to the pressures we are under to keep down permanent appointments. He said we have to recognize that in the long pull we have problems when we have to appoint people to nonfaculty-track positions. He continued that he felt the Chancellors are working very hard to plan ahead so that we do not come to a day when we will have to lay off large numbers of tenured people. Because they are doing that in a variety of ways, they are under considerable criticism. He continued that this is a problem which is very difficult and there is no easy answer to it. He said he found this is a matter that concerns both faculty and administration the most. He stated we are at a time when we are not adding to our permanent staff and at the same time there are many young people who are brought along as System professors, academic staff, lecturers, etc., for whom there is no long-term future. It means we are not building at the bottom for the long pull and for new ideas. It is difficult for students also in that we are not being able to recruit more. It is not a problem peculiar to our university--it is a national problem and a troublesome one.

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REPORT OF THE EDUCATION COMMITTEE

The report of the Education Committee was presented by Regent Lawton.

Regent Lawton moved adoption of the following resolution, the motion was seconded by Regent Lavine, and it was voted:

Resolution 1770: That, upon recommendation of the President of the UW System and the Chancellor of UW-Stout, a previously approved Entitlement to Plan at UW-Stout be renamed and approved for planning as follows:

M.S. Personnel Training and Development to
M.S. Personnel Training and Manpower Development

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Regent Lawton reported that in the Committee meeting on the previous day Vice President Smith made brief comments about current procedures for submitting institutional proposals for entitlements to plan to the Board of Regents and noted that eight proposals were being presented for a first reading with Regent action scheduled for the December meeting. He also included a number of applications that had not been submitted to the Regents. Regent Lawton reported there had been discussion on each of the proposals separately:

(1) UW-Milwaukee, B.S. Allied Health Sciences

Regent Lawton reported he inquired as to the significance of the Health Science Advisory Council's 6-3 (with 3 abstentions) vote in recommending approval of the proposed entitlement to plan. He stated it was his concern that this might indicate more opposition than was apparent. He said it was explained that the abstentions were related to possible conflict of interest considerations of the Council members who were recorded as abstaining from voting.

(2) UW-Milwaukee, B. A. Afro-American Studies

Regent Lawton reported Regent Lavine stated his concern that students might be encouraged to complete the major in anticipation of employment opportunities that may not exist in view of the limited job market. He expressed the hope that course work in the program might be arranged in such a way as to enable the student to qualify substantially for a second major.

(3) UW-Oshkosh, B.A./B.S. Study of Religion

Regent Lawton reported Chancellor Edward Penson and Dean William Leffin responded to questions relating to the qualifications of faculty for the proposed program. The Committee was assured that the faculty had the ability to teach about Asian religions and was satisfied that this program should go forward.

(4) UW-Parkside, Master of Public Service Administration

Regent Lawton reported it was pointed out that a similar program is presently offered by UW-Oshkosh.

(5) UW-Parkside, Contemporary Industrial Culture (Extended Degree).

Regent Lawton reported there were no questions and no discussion.

(6) UW-Stevens Point, Bachelor's in General Studies

Regent Lawton reported UW-Stevens Point Acting Chancellor John Ellery stated the new program would be designed to give degree opportunities to persons who had earned an Associate Degree at a VTAE institute and who had had at least one year of full-time work experience after their Associate Degree. Provision would be made for possible transfer of credit from the VTAE institute with no more than 45 credits being accepted in transfer from any combination of two-year postsecondary institutions. Regent Lawton reported there were several concerns and questions raised by Regents and university persons present, including:

That the program would contribute to the blurring of the distinction between the VTAE and UW System missions;

That the presence of the proposed program at Stevens Point would likely lead to requests for similar programs at other System institutions such as Parkside and Stout, and in a time of decreasing enrollment might be an unfair advantage over the Centers and other cluster institutions;

That the program opportunity would result in encouraging college parallel course development in VTAE institutes other than those presently authorized to offer college parallel programs (Madison, Milwaukee, and Nicolet);

That some of the functions in the proposed program may be in conflict with the extended degree program which the Center System has previously been authorized to plan;

The fact that the program builds specifically upon the VTAE Associate Degree should be re-studied.

Regent Lawton reported Senior Vice President Smith observed that in view of the stated concerns and others he had received since the distribution of the planning entitlement documents, he now recommended that the Bachelor's in General Studies entitlement to plan proposal be withdrawn to permit further discussions involving Stevens Point, Center System, and System Academic Affairs staff and other appropriate and/or affected institutions and persons.

Regent Lawton moved adoption of the following resolution, the motion was seconded by Regent Lavine, and it was voted:

Resolution 1771: That the proposal for an Entitlement to Plan for a Bachelor's in General Studies at UW-Stevens Point be referred back to Vice President Smith's office for whatever action is appropriate.

(7) UW-Stout, Industrial Technology (Extended Degree)

Regent Lawton reported there were no questions and no discussion.

(8) UW-Whitewater, Production/Operations Management.

Regent Lawton reported there were no questions and no discussion.

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Regent Lawton reported Vice President Smith briefly recounted activity by the System Vice Chancellors to recommend revision of Academic Information Series #1 (ACIS-1), the Regent document describing academic program development procedures relating to new majors and new degrees. He reported Vice President Smith noted that the primary effect of the new process is to establish a single point when the Regents might act to approve or deny authorization to an institution to proceed with the development and implementation of a new program in place of the present "double step action" in which Regents at one time act on the entitlement to plan and at another time act on the completed program proposal. He pointed out defects in the present "double step action", namely that the entitlement to plan action

is undertaken in the presence of minimum information, and that the Regent final action comes so late, i.e., after complete and detailed planning has taken place, that a negative action by the Regents would pose a serious disappointment to the faculty and institution involved in the planning -- not only a disappointment, but a great waste of time and effort.

Regent Lawton stated Dr. Smith then described the proposed four-stage process which selects a single point in time when the System and Regents can have sufficient information to make an informed judgment on authorizing planning and implementation, but early enough to avoid excessive commitments of institutional planning time should the judgment be negative. Regent Lawton reported that Regent DeBardeleben was advised, in response to his question, that Chancellors would have the right to appeal an adverse System Administration decision in the request for preliminary entitlement to develop a proposal. Regent Lawton reported Regent Lavine stated his concern that in the five-year review and evaluation, non-content factors as well as content factors in programs should be assessed. Non-content factors would include such elements as faculty size, number of students, and the employment market.

Regent Lawton advised that the Revised ACIS-1 will be returned for discussion and possible action in December. The Revised ACIS-1 will incorporate the proposed change in academic program development procedures relating to new majors or new degrees as well as a number of technical changes throughout the document.

Regent Lawton moved adoption of the following resolution, the motion was seconded by Regent Lavine, and it was voted:

Resolution 1772: That, upon recommendation of the President of the UW System and the Chancellor of UW-Platteville, UW-Platteville is authorized to recruit for a Dean of the College of Education.

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REPORT OF THE BUSINESS AND FINANCE COMMITTEE

The report of the Business and Finance Committee was presented by Regent Grover.

Regent Grover reported that all Regents were invited to attend the Committee meeting on the previous day to consider the first reading of the 1979-81 biennial operating budget. He stated President Young told the Board that it had been developed with two basic emphases: (1) the preservation of quality in System programs and (2) the preservation of access. He said President Young pointed out several areas which require special emphasis: reducing costs to students; expansion of minority/disadvantaged student services; bringing into higher education programs some individuals not presently included; needs relating to medical education as well as placing in operation the Center for Health Sciences. Regent Grover reported each of the eight elements comprising the proposed adjustments for 1979-81 was explained for the committee, with opportunity provided for questions.

Regent Grover reported that during the discussion there was consideration of whether a decision item narrative should be added to the 1979-81 operating budget which would provide specific GPR funding for continuation of the North Central Association and its accrediting function for elementary and secondary schools as a part of the UW-Madison School of Education. In the past funding has come from the School's instructional budget, but North Central has been advised that this would be phased out during the 1979-81 biennium. He reported a motion to defer this item to the December meeting to allow preparation of an analysis of the present program as well as more detailed explanation of the alternative approaches failed on a tie vote. He stated the Business and Finance Committee then voted the following resolution:

That Decision Item Narrative 901, Continuation of State Support for North Central Accreditation Association, be added to the 1979-81 UW system operating budget as presented for first reading.

Regent Grover reported that the Committee then recessed to Room 1920 Van Hise Hall, with Regents Beckwith, Erdman, Fitzgerald, Grover, Hales and Neshek present.

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Regent Grover reported the Committee considered the Nonresident Tuition Report (attached as EXHIBIT C). He reported that Vice President and Controller Lorenz, in reviewing the report, stated that System Administration staff has consistently stated that keeping the cost to students at its lowest level has always been a high priority consideration. This concern extends to non-residents as well as residents. One way in which costs can be kept down for the resident students is to have full utilization of the existing facilities, which can be aided by having increased numbers of non-resident students.

Vice President Lorenz continued that the System's studies have shown that the UW System's non-resident tuition is one of the highest in the country. The result of numerous discussions as to ways in which the System could increase its non-resident enrollment, and particularly at those border universities where the increased non-resident tuition has had its greatest impact, was the development of a series of Experiment Models. Regent Grover reported the three experimental models and supporting documentation for each were reviewed by the Committee.

The Committee cited several reasons why it was felt that the pilot program should be limited to UW-Platteville:

(1) The program should be conducted under controlled circumstances with limited variables, a condition which would be more difficult to maintain if it were extended to more than one university.

(2) Its location places it very near the borders of two states. This also provides a very limited area of the state from which it can draw its resident students.

(3) Its Engineering, Criminal Justice and Agriculture programs are unique in relation to offerings available at other universities; so a reduction in its non-resident tuition rate should not divert students to Platteville who might otherwise enroll at other locations.

The Committee also felt there was more wisdom in advancing a program which was considered salable to the legislative and executive branches of government as well as one considered most likely to be successful. Positive results from a program at Platteville could be the basis for requests to extend it to other universities facing similar declines in non-resident enrollment.

The consensus of the Committee was that the request be developed on the basis of the 60% figures contained in Table 7 of the report.

Regent Grover moved adoption of the following resolution, and the motion was seconded by Regent Neshek:

Resolution 1773: That System Administration staff be authorized to prepare a Decision Item Narrative for inclusion in the 1979-81 operating budget requesting authorization to implement Experiment Model 1 at UW-Platteville at the 60% of cost level.

Regent Lawton stated it appears there is an overlap of nonresident Illinois people with our Rock County Center. Regent Grover responded that the matter was discussed and also the matter of nonresident tuition at Milwaukee, Parkside, and Whitewater. He stated there are only thirteen nonresident students in Rock County at the present time and that if the experiment starts to expand, it will become so large that we will not be able to have a really controlled experimental situation so we can see if it can have some meaningful fiscal impact. Therefore the Committee felt that containment and focus was important at this time and the next step would be under proper analysis to extend it to other border campuses.

Regent Grover continued that the reason the UW-Platteville Campus was selected was because it was felt it has the drawing power of a unique curriculum in Agriculture, Engineering, and Police Science, and is uniquely located in a corner of the State. Also important is the fact that it is one of the campuses experiencing declining enrollment, and all of these factors weigh heavily in determining which specifically designated campus should be selected in order to achieve the desired results. He pointed out that the cost to implement the proposed model, if no additional nonresident students come in, is \$373,317, and we need 251 nonresident students to offset the possibility of that loss. He said the Committee felt that kind of risk was salable and any additional expansion at this time would be difficult.

Regent McNamara stated that he supported the motion and felt the idea of experimenting is excellent. He said he had a personal interest in the matter because his district covers the part of Illinois involved and he was familiar with the educational needs of that area. He pointed out the nearest university is Northern Illinois University, DeKalb, Illinois, which is approximately one hundred miles east of the Mississippi River, and Platteville offers to the people of northwestern Illinois and eastern Iowa a unique and natural opportunity. He said if the experiment works, he would ultimately like to see LaCrosse brought into this program because from personal experience he knew that a great many students in Illinois liked the UW-LaCrosse. He said he recognized the soundness of the Committee's approach that we ought to do it on an experimental basis first, and in order to make the experiment meaningful, shared the view that it should be limited to a single campus. Regent DeBardleben stated he understood why there is a distinction between Platteville and Superior, River Falls and LaCrosse, which are on the Minnesota border, but did not understand the basis for selecting Platteville as against UW-Parkside.

Regent Grover responded that UW-Parkside had a growth of approximately 100 students this year, whereas Platteville has not. UW-Parkside is not the most problem-oriented campus in declining enrollment. In addition Parkside has not been drawing very heavily from out of state, perhaps because they were pre-empted by the high cost of tuition. When you look at where we do have the potential excess space, and unique curricula offerings that could have drawing power, Platteville stands out, and if we want to make this thing work, it appears that most logically that is the campus to do it on. He said that he felt ultimately this should be extended to UW-Parkside, but if you make the experiment too large to begin with, the idea will not sell. Two years from now we will have a model and some data which may indicate how we should proceed in the whole southern tier.

Regent DeBardleben agreed that Platteville does have a unique mission and wondered if we are unduly circumscribing the possibilities or probabilities of success of the program by limiting it. Regent Grover responded there is some risk, but felt the risk is really that it might well work at Platteville and fail on another campus. He said we will not know until we try.

Regent Fitzgerald stated she felt Platteville has a more salable item. They compete with only three schools in Dubuque, which is only thirty-five minutes away, and are Liberal Arts Schools and do not cover Agriculture, Business, Engineering, or Criminal Justice. She pointed out there are no schools in the top part of Illinois that we are competing with. She noted Grant County is the tenth largest county in the state areawise, but populationwise it is only thirty-first, and she felt we have drawn from the area as many students as we are going to get. She continued that if you are going to utilize this plan to the fullest and keep your quality education, you have to fill it with some kind of students and that it is logical to see if we can get 250 students from this area.

Regent Fish stated that he would like to be persuaded that this actually would have an economic gain to the state and the eventual losers won't be the resident students who will wind up paying higher costs. He noted that is why we are going into the experimental thing - to find that out, but would hope that the evaluation would not be done on the basis of justifying it just for the sake of enrollment, but on the true economic evaluation. Regent Fish stated he was also concerned that we are getting into the same thing that states often get into in other areas such as gasoline taxes, etc., and inquired if anyone had checked out what any other state will do. He said he could not imagine that Illinois and Iowa would be overjoyed that we are making a market for their students at a lower price. Any student we get is potentially a student that they are not going to get and are we then going to end up with Northern Illinois at DeKalb and the University of Iowa, etc., changing their out-of-state requirements to attract Wisconsin students.

Regent Beckwith referred to Table 2 of the Exhibit, noting that the tuition level of Northern Iowa will be direct competition, and that we will be somewhat under the level of Illinois. He said he was hopeful that a salutary result would be to persuade the states of Illinois and Iowa that it is in their self-interest to enter into the type of contract we have with Minnesota and avoid having this kind of competition so the students can flow in both directions. If we do get such compacts, and our experience with those states is the same as Minnesota, we will be a net gainer for a good many years. He said he shared Regent Fish's concern and did not want to get into a fee-cutting contest with the other states, but a logical result would be the initiation of discussions on compacts.

President Young observed that if it led to compacts so that students could flow freely back and forth, the great gainers would be students, and the net costs to the states would not be any greater. If Illinois would take twenty or one-hundred of our students in exchange for one-hundred of theirs, it cannot cost anybody any more and the students have that much more choice. If it results in a slower increase in tuition in general, he would not cry. Regent Lavine noted that the result of the compact with Minnesota is primarily of benefit to the students of both states, and referred to the experiment on fees and tuition at the Centers which had the same result. He said we are not talking about necessarily doing this forever but are saying that we don't have the answers to the kinds of questions being asked at the table. He said he felt that if the program is too expensive, the Legislature will not approve it, and therefore it is necessary to have an experimental program to find out what the cost will be. Regent Erdman noted that it is a gambling situation because we are not at a competitive advantage with in-state, Illinois or Iowa students in Platteville. It will still be much cheaper for those students to go to schools in their own state rather than pay 60% of our tuition. She continued that we are hoping that the special missions and quality of UW-Platteville will attract their students. She stated that there was a tradition of Illinois and Iowa students going to Platteville before merger -- there were 800 non-resident students who came primarily from those two states, and that has now dropped to close to 25% of that figure.

Chancellor Guskin agreed there is a strong argument for UW-Platteville, but felt there is also a strong argument for UW-Parkside, noting there are 400,000 people in a neighboring county in Illinois and only one public two-year college there. Chancellor Fort stated he would have the same attitude as Chancellor Guskin in relation to the Platteville Campus. He said he would suggest that the University system define very carefully special considerations such as how soon down the line it would be possible for us to reassess the situation so as to include more add-ons such as Parkside and/or the Rock County Campus. Regent Gerrard stated it was his understanding that we are going to go for one campus with talk of expanding it. He noted we had just had an election and it was pretty loud and clear that people don't want to spend any more money than we have to to increase this over one campus. He said he felt we ought to vote on the experiment for one campus, see how it works, and then worry about it from there. If we increase this to too many campuses, it is going to be dead completely. President Hales noted for the record that UW-Whitewater was also interested -- they had a representative at the Committee meeting and made a pitch for their campus too.

The question was put on Resolution 1773, and it was voted.

Regent Grover reported that the Committee heard a presentation by Judge Douglas Moodie and Attorney Jack DeWitt requesting a transfer of funds to the UW-Superior Foundation. Under conditions of the Beecroft and Haugsrud Wills, bequests were made to the benefit of UW-Superior. However, because the Foundation was not specifically identified by the donors, the funds are by statute required to be administered by the Board. Although the Committee was supportive of the position of the Foundation, there was concern as to whether it had legal authority to assign the funds to it. The conclusion of the discussion was that efforts should be directed through probate court to determine whether the intent of the donors can be established to its satisfaction. If so, this would allow the trust proceeds to be assigned to the UW-Superior Foundation. Regent Grover reported the Committee stated there was no objection to contacts being made with System legal counsel and the Attorney General to determine the legality of such a transfer, if the effort through the courts is not successful.

In answer to his question, Regent DeBardleben was advised that the bequests have been presented to the Board for acceptance, but no money has flowed. Regent Beckwith stated it was his understanding they want us to designate the UW-Superior Foundation as our investment agent so they will have investment power over those funds and would include them in their foundation report. Regent DeBardleben stated he was disturbed about the Chairman's comments that the Committee was supportive of these ends of the Superior people. He said it appeared that if this subject is open, this Board has an obligation to oppose diversion of these funds to the UW-Superior Foundation. He said the will names the UW-Superior as the beneficiary and he did not feel it is proper for this Board to make appeal with somebody else whereby we are not going to go in and assert our rights. He said if that is what the Committee's action or non-action means, he did not agree with it and felt it requires review and discussion. Regent Beckwith stated that he felt the Committee agreed with Regent DeBardleben's position. He said it was in no sense the sentiment of the Committee that these funds, which are now properly part of the Regents' responsibility, were going to be turned over to the Foundation. He said there was a request on the part of the representatives of the UW-Superior Foundation for an opportunity to discuss these matters with our legal counsel, and it seemed to be a reasonable thing to let them do, and it does not bind us to any action.

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Regent Grover reported that Vice President Lorenz, in discussing the Gifts, Grants, and U.S. Government Contracts, stated that receipts were approximately \$2.5 million higher at a comparable period last year, with all of this reduction in the Student Aid area; however, with the substantial increase in the Basic Educational Opportunity Grants, the System is expected to end the year at a higher level.

Regent Grover moved adoption of the following resolution, the motion was seconded by Regent Erdman, and it was voted:

Resolution 1774: That, upon recommendation of the President of the 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.

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Regent Grover reported that the Committee next considered the first reading of the Basic Health Module Recommendations. He reported that the Board was represented in the development of the document by Regent Erdman and Regent Lawton, who worked closely with System Administration staff over the past several months. He said there also has been input from the Vice Chancellors, Directors of Student Services, Health Directors, Chancellors, and student government representatives.

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Regent Grover reported that Vice President and Controller Lorenz reviewed the informational reports on projected year-end balances, a schedule showing the UW System's sources of disbursements for the fiscal years 1973-74 through 1977-78, and commented that the 1977-78 report of auxiliary operations was a very positive statement, with the System's auxiliary operations being in sound financial shape.

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REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

The report of the Physical Planning and Development Committee was presented by Regent Gerrard.

Regent Gerrard noted that all the projects covered by the next resolution have previously been authorized by the Regents and this resolution authorizes the funding to proceed with design and construction of the five projects.

Regent Gerrard moved adoption of the following resolution, the motion was seconded by Regent Fish, and it was voted:

Resolution 1775: That, upon the recommendation of the UW-Madison, Platteville, Stout and Superior Chancellors and the President of the University of Wisconsin System, the concept and budget reports be approved and authority be granted to plan, bid and construct the following projects, at the costs and from the funding sources indicated:

UW-Platteville

Science Building/Remodeling for Arts and Sciences Project,
\$1,661,780 - General Obligation Bonding - GPR,

and authority to combine with the

Brigham-Royce-Warner Halls Handicapped Accessibility
Project, \$440,000 - General Obligation Bonding - GPR,
for a total project cost of \$2,101,780.

UW-Stout

Mechanical and Electrical Monitoring Project, \$263,000 -
General Obligation Bonding - GPR

UW-Superior

Mechanical and Electrical Monitoring Project, \$215,000 -
General Obligation Bonding - GPR

UW-Madison

E. B. Fred Hall Remodeling/Addition and Electrical Substation
Project, \$2,341,177 - General Obligation Bonding - GPR

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Regent Gerrard reported that the resolution relating to release of advance planning funds for major project requests, 1979-81 biennium, UW-Madison, Milwaukee, River Falls and Stout, had been withdrawn due to the Bureau of Facilities Management's inability to have a recommendation prepared for State Building Commission action in November.

Regent Gerrard stated the next resolution is the request to lease 2,000 square feet of storage space to be used by University Housing to store off-season grounds equipment, refrigerators, spare parts, etc., for Family Housing operations for 100 apartments. The space which was formerly used has been sold by the University, and no other storage space is available within University Housing or elsewhere in the University.

Regent Gerrard moved adoption of the following resolution, the motion was seconded by Regent Fish, and it was voted:

Resolution 1776: 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 property:

2,000 square feet of space located at
2210 Evergreen Road, Middleton, Wisconsin, for
the period November 1, 1978 through October 31,
1979

Mr. Robert Marschke, Lessor
Golf Green Storage Incorporated
Middleton, Wisconsin

The annual lease cost is \$2,700 (\$1.35 per square
foot) (Non-GPR)

Regent Gerrard reported that at the March 10, 1978, Board meeting, the UW-Madison Campus was authorized to continue negotiations to develop a final agreement between the United States Department of Agriculture and UW-Madison for the lease of a site for the North Central Dairy-Forage Research Center, to be constructed and operated by the USDA. The site selected is on the western end of the campus adjoining existing agricultural facilities. The research lab to be developed will comprise approximately 65,000 gross square feet of laboratories and greenhouses, at an estimated cost of \$6.5 million (federal funding). Under terms of the agreement the site will be leased to USDA for a fifty-year term, with a renewal option for an additional fifty years, and will include a reversionary clause.

Regent Gerrard moved adoption of the following resolution, the motion was seconded by Regent Barkla, and it was voted:

Resolution 1777:

That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the President or Vice President and Secretary or Assistant Secretary of the Board of Regents of the University of Wisconsin System be authorized, as permitted under s. 36.11 (1)(b), Wis. Stats., to execute a 50-year lease, with one renewal option for an additional 50 years, for 1.56 acres on the UW-Madison campus to be used as a site for the North Central Dairy-Forage Research Center to be constructed and operated by the United States of America (U. S. Department of Agriculture).

The legal description of this parcel is as follows:

A parcel of land located in the SE 1/4, SW 1/4 and the SW 1/4, SW 1/4 of Section 15 and in the NE 1/4, NW 1/4 and the NW 1/4, NW 1/4 of Section 22, all being a part of T7N, R9E, City of Madison, Dane County, Wisconsin, more particularly described as follows:

Commencing at the NW corner of said Section 22;

Thence S $89^{\circ} 55' 10''$ E, 143.00 feet to a witness corner for said NW corner, the witness corner being marked by a City of Madison Brass Cap concrete monument;

Thence S $89^{\circ} 24' 55''$ E, along the line between the witness corners for the NW corner and the North 1/4 corner of said Section 22, 1143.19 feet;

Thence N $0^{\circ} 22' 05''$ E, 7.77 feet to the point of beginning of this description;

Thence continue N $0^{\circ} 22' 05''$ E, 115.09 feet to a point of curve;

Thence along the arc of a 20.50 foot radius curve to the right whose long chord bears N $45^{\circ} 36' 55''$ E, 29.12 feet;

Thence S $89^{\circ} 08' 15''$ E, 423.99 feet to a point of curve;

Thence along the arc of a 20.50 foot radius curve to the right whose long chord bears S $44^{\circ} 17' 40''$ E, 28.91 feet;

Thence S $0^{\circ} 32' 55''$ W, 20.79 feet to a point of curve;

Thence along the arc of a 45.60 foot radius curve to the right whose long chord bears S $16^{\circ} 37' 35''$ W, 25.26 feet;

Thence S $32^{\circ} 42' 15''$ W, 31.56 feet to a point of curve;

Thence along the arc of a 43.22 foot radius curve to the left whose long chord bears S $23^{\circ} 46' 35''$ W, 13.41 feet;

Thence S $14^{\circ} 50' 55''$ W, 29.08 feet to a point of curve;

Thence along the arc of a 20.50 foot radius curve to the right whose long chord bears S 52° 17' 20" W, 24.93 feet;

Thence S 89° 43' 45" W, 388.03 feet to a point of curve;

Thence along the arc of a 20.50 foot radius curve to the right whose long chord bears N 44° 57' 05" W, 29.15 feet to the point of beginning of this description.

Said described parcel contains 68,000 square feet or 1.56 acres.

Regent Gerrard moved adoption of the following resolution, and the motion was seconded by Regent Fish:

Resolution 1778: That, upon the recommendation of the UW-Eau Claire and Superior Chancellors and the President of the University of Wisconsin System, authorization be granted to construct the following minor projects, at the cost and from the funding sources indicated:

UW-Eau Claire

Service Road and Parking Area Repair and Improvement Project (\$26,560, State Building Trust Funds-GPR and \$31,165, Program Revenues, Parking Receipts - Non-GPR	\$57,725
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UW-Superior

Temperature Control Modifications Project, Program Revenues, Student Center, Arena and Residence Halls Reserves - Non-GPR	77,300
	<hr/>
	\$135,025

In response to his question Regent DeBardleben was advised that the cost for temperature control modification in the Arena at the UW-Superior was approximately \$1,530. In response to her question Regent Barkla was advised by Vice President Winter that profits from the Wessman Center flow to the University, not to the City.

The question was put on Resolution 1778, and it was voted.

Regent Gerrard stated the UW-Green Bay campus development plan is virtually unchanged from previous plans approved by the Regents except that any additional land acquisitions would have to be funded from gifts and grants rather than from GPR-supported state funds. He said the Committee was concerned that approval of a location for future housing could be interpreted as indicating Regent support at this time for a student housing project at UW-Green Bay. The Committee was assured by

Chancellor Weidner and System staff that consideration of possible future student housing will be based on need and the financial plan for funding the project at the time a request is submitted. He stated the Committee was also informed that the Regents approved, in the 1977-79 capital budget, a student housing project for UW-Green Bay to be supported 1/3 by Program Revenue supported bonding and 2/3 by gifts and grants.

Regent Gerrard moved adoption of the following resolution, the motion was seconded by Regent Fish, and it was voted:

Resolution 1779: That, upon the recommendation of the UW-Green Bay Chancellor and the President of the University of Wisconsin System, the Campus Development Plan, as updated, be approved to document physical facilities and campus boundaries for UW-Green Bay.

Regent Gerrard reported that the Waukesha County Board took final action authorizing the construction of Phase I of the UW-Center-Waukesha project, which provides for expansion of the library and improvements of the interior of other parts of the library and adjoining buildings. He stated that Phase 2 which provided for the construction of a Fine Arts Building and Phase 3 were denied.

Regent Gerrard reported that the Committee was informed that System Administration and the UW-Center System are proceeding with the sale of the Sherman property assigned to the Center System by Regent action in October. Vice President Winter stated the Center System would like to use the proceeds from the sale of the property for the operation of the farm as a biological field station for the campus at Waukesha.

Regent Gerrard reported the first parcel in the next resolution was appraised at \$66,000 and \$66,600 in September 1978, and an option had been secured for \$66,000. The second parcel was appraised at \$33,600 and \$35,000 and an option has been secured for \$33,600. He reported the total estimated cost in acquiring the two parcels, including appraisal and closing costs, is \$100,750.

Regent Gerrard moved adoption of the following resolution, the motion was seconded by Regent Barkla, and it was voted:

Resolution 1780: That, upon recommendation of the UW-Platteville Chancellor and the President of the University of Wisconsin System, authorization be granted to purchase two improved parcels of land, more fully described as:

Parcel 1

West 1/2 of Lot 3 and Lot 4 and N 40' of Lot 5 and N 40' of the West 1/2 of Lot 6, Block D, Rountree's Western Addition, City of Platteville, Wisconsin, at the option price of \$66,000 - Advanced Land Acquisitions Funds

Parcel 2

Lot 2 and E 1/2 Lot 3, Block D, Rountree's
Western Addition, City of Platteville,
Wisconsin, at the option price of \$33,600 -
Advanced Land Acquisitions Funds

-

Regent Gerrard reported that the next resolution requests authorization to grant easements to four City of Eau Claire property-owners to provide access through a University parking lot upon receipt of quit claim deeds transferring their portion of the vacated alley to the Board of Regents. The alley is part of the parking area development.

Regent Gerrard moved adoption of the following resolution, the motion was seconded by Regent Barkla, and it was voted:

Resolution 1781: That, upon the recommendation of the UW-Eau Claire Chancellor and the President of the University of Wisconsin System authorization be granted for the President or Vice President and Secretary or Assistant Secretary to execute an easement to the owners of Lot 4, Block 24; Lot 5, Block 24; Lots 27 and 28, Block 24; and Lots 34 and 35, Block 24, in the City of Eau Claire, providing access through a university parking lot to said lots, upon receipt of quit claim deeds transferring their portion of the vacated alley to the Board of Regents of the University of Wisconsin System.

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Regent Gerrard moved adoption of the following resolution, the motion was seconded by Regent Barkla, and it was voted:

Resolution 1782: That, upon the recommendation of the UW-Eau Claire Chancellor and the President of the University of Wisconsin System, authorization be granted to plan, bid and construct the 1978 North Campus Parking Area project at a total project cost of \$102,000 from Program Revenues (Parking Receipts) - Non-GPR Funds.

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Regent Lavine moved adoption of the following resolution, the motion was seconded by Regent McNamara, with Regents Barkla, Beckwith, DeBardeleben, Elliott, Erdman, Fish, Fitzgerald, Gerrard, Grover, Hales, Lavine, Lawton, McNamara, and Neshek voting "Aye", and with Regents Thompson and Walter absent:

Resolution 1783: That the meeting recess into closed session as permitted by Sections 19.85(1)(c), 19.85(1)(f) and 19.85(1)(g) WIS. STATS. to consider personnel matters, personal histories of specific persons, and to confer with legal counsel with respect to litigation in which it is or is likely to become involved, respectively.

The meeting recessed into closed session at 10:30 A.M.

The Board arose from closed session at 11:55 A.M.

President Hales announced that the following resolutions had been approved in the closed session:

Resolution 1784: That, upon the recommendation of the President of the UW System, the Board of Regents approves continuing the leave of absence without pay for Chancellor Lee S. Dreyfus through December 31, 1978, and effective January 1, 1979, the date his term as Governor of the State of Wisconsin commences, accepts his resignation as Chancellor of the University of Wisconsin-Stevens Point.

Resolution 1785: That, upon recommendation of the University of Wisconsin-Superior Chancellor and the President of the University of Wisconsin System, the following appointments to the Board of Visitors, University of Wisconsin-Superior, be approved. Terms of appointment for the initial members of the Board will be for one, two, or three years, as assigned at the initial meeting of the Board of Visitors.

Allen Christel, Medford, Wis.
Judge Arthur Cirilli, Superior, Wis.
John Eaton, Virginia, Minn.
Lyle Fechtelkotter, Poplar, Wis.
Ted Gentile, Hurley, Wis.
Manley Goldfine, Duluth, Minn.
Mrs. Marjorie Kinney, Superior, Wis.
John Knosema, Ladysmith, Wis.
John McFaul, Minneapolis, Minn.
Mrs. Caroline Sandin, Ashland, Wis.
Dale Schaapvelt, Poplar, Wis.
Gordon Skamser, Hayward, Wis.
Mrs. Adeline Skrupky, Rice Lake, Wis.
William Stewart, Spooner, Wis.
Siinto Wessman, Superior, Wis.

The meeting adjourned at 11:55 A.M.

11-17-78

J. S. Holt, Secretary

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

1. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI
REPRESENTING GIFTS FROM PROFESSOR JAMES WATROUS,
MADISON, WI TO THE ELVEHJEM MUSEUM OF ART AS
FOLLOWS:
ORIGINAL INCUNABULA WOODCUTS PRINTED ON PAGE
FROM ANTON KOBERGER'S NURNBERG CHRONICLE
DATED 1493
ORIGINAL LITHOGRAPH BY HONORE DAUMIER
(19TH CENTURY FRENCH)
MSN
2. NORBERT HILDEBRAND,
MADISON, WI
GIFT TO THE ARBORETUM MCKAY CENTER:
THREE MATTED AND FRAMED COLOR PHOTOGRAPHS OF
ARBORETUM SCENES DURING ICE STORM OF 1977
MSN
3. PROFESSOR R. A. BRINK,
MADISON, WI
GIFT TO THE ARBORETUM MCKAY CENTER:
SIX-VOLUME SET OF L.H. BAILEY'S "STANDARD
CYCLOPEDIA OF HORTICULTURE"
MSN
4. LAKE SHORE LITHO CORPORATION,
CHICAGO, IL
THREE VANDERCOOK PROOF PRESSES AND A ROBERTSON
CAMERA TO THE ART DEPARTMENT OF THE SCHOOL OF
EDUCATION
MSN

INSTRUCTION

1. UW-IGE TEACHER EDUCATION PROJECT,
MADISON, WI
UW-IGE TEACHER EDUCATION PROJECT FUND
MSN (TRUST) 2,346.98
2. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) DEVELOPING AN APPLICATION OF A COST/BENEFIT MODEL
TO TEACHER CORPS
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 300-78-0489
MSN EDUC CURRIC & INSTR (144-M285) 305,065.00
 - 2) TEACHER CORPS ASSOCIATES
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 300-78-0560
MSN EDUC CURRIC & INSTR (144-M336) 324,876.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

3. DHEW, OFFICE OF HUMAN DEVELOPMENT
CHICAGO, IL
A SURVEY OF THE NEEDS OF NON-INSTITUTIONALIZED
DEVELOPMENTALLY DISABLED ADULTS LIVING IN
COMMUNITY SETTINGS
FOR THE PERIOD 09-30-78 THROUGH 09-29-79
AWARD # 50-P-25634/5-03
MSN GRAD WAISMN RETARD CT (144-M115) 25,000.00
4. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTER WITH DHEW OHD
INCREASING THE CAPACITIES OF WISCONSIN'S
COUNTIES TO EFFECTIVELY PLAN AND PROGRAM FOR THE
ELDERLY
FOR THE PERIOD 04-01-78 THROUGH 12-31-78
AT A TOTAL COST OF \$18,300.00
AWARD # P.O. GAI 25281 P
MSN GRAD INST AGING&ADULT (144-L431) 5,300.00
5. DHEW, PHS, HEALTH RESOURCES ADMIN.
HYATTSVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) NURSING CAPITATION GRANT PROGRAM - BACCALAUREATE
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # 2 E04 NU01479-07
MSN HS-NUR (144-L739) 103,168.00
- 2) DEVELOPMENT OF A PH.D. PROGRAM IN NURSING
FOR THE PERIOD 09-30-78 THROUGH 09-29-79
AWARD # 5 D23 NU00100-02
MSN HS-NUR GRADUATE CURRIC (144-M049) 141,429.00
- 3) A TEAM APPROACH TO EMERGENCY MEDICAL CARE
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 5 A18 PE15031-02
MSN HS-MED MEDICINE (144-M241) 193,353.00
- 4) HEALTH PROFESSIONS CAPITATION GRANT PROGRAM
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 5 E03 MB15120-13
MSN HS-MED (144-M287) 902,161.00
- 5) RESIDENCY TRAINING IN GENERAL INTERNAL MEDICINE
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 5 D28 PE15191-02
MSN HS-MED MEDICINE MT SINAI (144-M314) 58,090.00
- 6) HEALTH PROFESSIONS CAPITATION GRANT PROGRAM
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 5 E03 MB15611-09
MSN HS-PHR PHARMACY (144-M331) 191,578.00
- 7) RETRAINING INACTIVE MEDICAL TECHNOLOGISTS
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 1 D12 AH90089-01
MSN HS-A H ADMINISTRATION (144-M333) 22,038.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

8)	ACADEMIC EQUIVALENCY EXAMINATION PROJECT (OCC. THER.) FOR THE PERIOD 10-01-78 THROUGH 09-30-79 AWARD # 1 D12 AH90090-01 MSN HS-A H ADMINISTRATION	(144-M334)	9,663.00
9)	NURSE PRACTITIONER TRAINEESHIP PROGRAM FOR THE PERIOD 10-01-78 THROUGH 09-30-79 AWARD # 1 A21 NU00022-01 MSN HS-NUR	(144-M370)	14,347.00
10)	PRIMARY CARE IN INTERNAL MEDICINE FOR THE PERIOD 10-01-78 THROUGH 09-30-79 AWARD # 1 D28 PE15218-01 MSN HS-MED MEDICINE	GEN INTRNL (144-M398)	75,600.00
6.	DHEW, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD POSTDOCTORAL TRAINING IN TUMOR BIOLOGY FOR THE PERIOD 09-01-78 THROUGH 08-31-79 AWARD # 5 T32 CA09230-03 MSN HS-MED ONCOLOGY	(144-M188)	92,836.00
7.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC INSTRUCTIONAL SCIENTIFIC EQUIPMENT FOR THE PERIOD 09-08-78 THROUGH 01-31-81 AWARD # SER78-14914 MSN ENGR ENGR EXPER STA MECH ENGR	(144-M256)	20,000.00
8.	VETERANS ADMINISTRATION WASHINGTON, DC THE EDUCATION AND TRAINING OF PROFESSIONAL AND TECHNICAL HEALTH MANPOWER IN THE AREA OF GERIATRICS FOR THE PERIOD 07-01-78 THROUGH 06-30-79 AT A TOTAL COST OF \$250,861.00 AWARD # 2 C (75) IV-50 0406-04, MOD. 1 MSN HS-MED ADMINISTRATION	DEANS OFFC (144-L702)	903.00
9.	UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, REPRESENTING A TRANSFER OF FUNDS FROM THE TINKER FOUNDATION, NEW YORK, NY EDWARD LAROCQUE TINKER VISITING PROFESSOR IN LATIN AMERICAN AFFAIRS MSN L&S ADMINISTRATION	(133-B830)	17,200.00
10.	MULTIPLE DONORS SUPPORT GRADUATE COURSE IN UPPER GASTROINTESTINAL ENDOSCOPY MSN HS-MED MEDICINE	GASTROENT (133-7632)	700.00
11.	NATIONAL CONFECTIONERS ASSOCIATION CHICAGO, IL DEFRAY COST OF CONDUCTING THE ANNUAL CONFECTIONER'S SHORT COURSE MSN AG&LSC FOOD SCIENCE	(133-8131)	5,600.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

LIBRARIES

1. RUBIE CRANDALL
MADISON, WI
STEENBOCK MEMORIAL LIBRARY UNRESTRICTED FUND
MSN LIBR STEENBOCK AG LIB (133-C727) 1,500.00
2. MULTIPLE DONORS
DEFRAY COST OF PURCHASE OF BOOKS, JOURNALS, OR
OTHER PUBLICATIONS AT THE DISCRETION OF THE
CHAIRMAN OF THE SOILS DEPARTMENT
MSN AG&LSC SOILS (133-3993) 238.89
3. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
DEFRAY COST OF PURCHASE OF BOOKS FOR THE JOHN M.
GAUS COLLECTION IN THE GENERAL AREA OF ENGLISH-
AMERICAN LITERARY STUDIES AT THE UNIVERSITY OF
WISCONSIN UNDERGRADUATE LIBRARY
MSN LIBR GENERAL LIBRARY (133-8266) 1,630.00

MISCELLANEOUS

1. WISCONSIN ALUMNI RESEARCH FOUNDATION
MADISON, WI
ITEMS NOT ORDINARILY COVERED IN DEPARTMENT'S
REGULAR BUDGET AS COFFEE FOR DEPARTMENTAL
MEETINGS, RECEPTIONS FOR VISITORS, RETIRING OR NEW
EMPLOYEES, OTHER EXPENSE RELATED TO HOSPITALITY OR
FUNCTIONS COMBINING BUSINESS & RELATED ACTIVITIES
MSN L&S PSYCHOLOGY (135-0037) 500.00
2. DHEW, PHS, HEALTH SERVICES ADM
ROCKVILLE, MD
GENETIC DISEASES TESTING & COUNSELING SERVICES
PROGRAM
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # MCG-500001-01-0
MSN HS-MFD GENETICS (144-M372) 109,000.00
3. OHIO STATE UNIVERSITY
COLUMBUS, OH
PRIME CONTRACTOR WITH STATEAID
DESIGNING A PROGRAM FOR DEVELOPING SOMALIA
AGRICULTURAL RESEARCH, EXTENSION AND TRAINING
FOR THE PERIOD 07-18-78 THROUGH 08-07-78
AWARD # AGREEMENT DTD 07/26/78
MSN G F A INTL STU & PROG (144-M303) 4,680.82
4. J. W. JUNG SEED COMPANY
RANDOLPH, WI
DEFRAY COST OF PROGRAM NEEDS OF THE COLLEGE OF
AGRICULTURAL AND LIFE SCIENCES
MSN AG&LSC ADM-DEAN & DIR (133-A009) 2,500.00
5. DATA RESOURCES, INC
CAMBRIDGE, MA
DEFRAY COST OF PERSONNEL AND MISCELLANEOUS
SERVICES, COMPUTER TIME AND MISCELLANEOUS SUPPLIES
IN THE DEPARTMENT OF ECONOMICS
MSN L&S ECONOMICS (133-A011) 533.51

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UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

6.	GETTY OIL COMPANY LOS ANGELES, CA UNRESTRICTED GRANT FOR THE DEPARTMENT OF GEOLOGY \$1,000.00 SCHOLARSHIP FOR A SENIOR IN GEOLOGY \$1,000.00 SCHOLARSHIP FOR A GRADUATE STUDENT \$1,000.00 MSN L&S GEOL & GEOPHYSICS (133-A091)	3,000.00
7.	MULTIPLE DONORS MEDICAL SCHOOL DEVELOPMENT FUND MSN HS-MED (133-A117)	1,661.09
8.	INLAND STEEL-RYERSON FOUNDATION, INC. CHICAGO, IL UNRESTRICTED GRANT FOR THE DEPARTMENT OF MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR (133-A694)	1,000.00
9.	JAPAN FOUNDATION TOKYO, JAPAN EXPANSION OF TEACHING STAFF: A FACULTY APPOINTMENT IN THE FIELD OF JAPANESE POLITICS FOR THE 1978-79 ACADEMIC YEAR MSN L&S POLITICAL SCI (133-A937)	13,864.95
10.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRIENDS OF THE ELVEHJEM ART CENTER MSN L&S ELVJM MUSEUM ART (133-B163)	3,550.00
11.	AMERICAN SOCIETY OF AGRONOMY MADISON, WI SUPPORT GENERAL AGRONOMIC PROGRAMS MSN AG&LSC AGRONOMY (133-B356)	1,048.77
12.	REPUBLIC OF INDONESIA MINISTRY OF EDUCATION AND CULTURE DIRECTORATE GENERAL OF HIGHER EDUCATION SURABAYA, INDONESIA STAFF TRAINING FELLOWSHIPS FOR INSTITUTE OF TECHNOLOGY SURABAYA FACULTY MSN ENGR ENGR EXPER STA FOREIGN PR (133-B400)	129,503.00
13.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MECHANICAL ENGINEERING DEPARTMENT CHAIRMAN'S DISCRETIONARY FUND MSN ENGR MECHANICAL ENGR (133-B546)	400.00
14.	MULTIPLE DONORS JOHN PAUL HOHF MEMORIAL FUND FOR CHILDREN AT THE UNIVERSITY OF WISCONSIN REHABILITATION CENTER MSN HS-HSP ADMINISTRATION ADMIN (133-B547)	138.00

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UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

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| 15. | MULTIPLE DONORS
PUBLICATION ASSISTANCE FOR THE BOOK "THE ECONOMICS
OF FREIGHT CAR SUPPLY" BY JOHN R. FELTON WITHDRAWN
AT THE REQUEST OF THE DONORS
MSN GRAD U W PRESS | (133-9627) | 6,000.00- |
| 16. | WISCONSIN SOCIETY FOR JEWISH LEARNING, INC.
MILWAUKEE, WI
PARTIAL SUPPORT OF FACULTY MEMBER'S SALARY
IN THE DEPARTMENT OF HEBREW AND SEMITIC
STUDIES
MSN L&S HEBREW & SEM STU | (133-8923) | 4,860.00 |
| 17. | MULTIPLE DONORS
WISCONSIN LIONS EYE BANK- SPECIAL ACCOUNT
MSN HS-HSP ADMINISTRATION ADMIN | (133-C007) | 312.50 |
| 18. | MULTIPLE DONORS
SUPPORT GENERAL SOIL SCIENCE PROGRAMS
MSN AG&LSC SOILS | (133-C233) | 611.85 |
| 19. | AMERICAN MARKETING ASSOCIATION
CHICAGO, IL
DEFRAY COST OF EDITORIAL OFFICE FOR THE JOURNAL OF
MARKETING RESEARCH TEMPORARILY LOCATED ON THE
MADISON CAMPUS
MSN BUS BUSINESS, SCH OF | (133-C283) | 7,750.00 |
| 20. | STATE OF WISCONSIN
DEPARTMENT OF HEALTH AND SOCIAL SERVICES
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR THE
PERIOD 07-01-78 THRU 06-30-79
AWARD # P.O. #GAI 21580
MSN ENGR ENGR EXPER STA INDUS ENGR | (133-C498) | 12,937.00 |
| 21. | STATE OF WISCONSIN
DEPARTMENT OF REVENUE
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR THE
PERIOD 08-28-78 THRU 01-11-79
AWARD # P.O.# RDI-90371
MSN L&S ECONOMICS | (133-C538) | 2,595.00 |
| 22. | STATE OF WISCONSIN
DEPARTMENT OF HEALTH AND SOCIAL SERVICES
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR THE
PERIOD 08-28-78 THRU 01-11-79
MSN L&S ECONOMICS | (133-C547) | 2,401.00 |
| 23. | STATE OF WISCONSIN
DEPARTMENT OF ADMINISTRATION
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR THE
PERIOD 09-05-78 THRU 05-31-79
AWARD # P.O.# ADI-01066
MSN L&S ECONOMICS | (133-C548) | 4,692.00 |

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

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| 24. | STATE OF WISCONSIN
DEPARTMENT OF JUSTICE
MADISON, WI
INTER-AGENCY AGREEMENT FOR THE PERIOD
08-28-78 THRU 01-11-79
MSN L&S COMPUTER SCI | (133-C554) | 3,395.70 |
| 25. | STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD
01-01-79 THRU 06-30-79
MSN LAW LAW SCHOOL | (133-C556) | 14,079.83 |
| 26. | STATE PUBLIC DEFENDER OFFICE
MADISON, WI
TRAINING PROGRAM OF THE STATE PUBLIC DEFENDER
OFFICE FOR THE PERIOD 08-28-78 THRU 05-27-79
AWARD # P.O.# PFI-00028
MSN L&S SOCIAL WORK | (133-C563) | 13,172.00 |
| 27. | NATIONAL ASSOCIATION OF BOARDS OF PHARMACY
CHICAGO, IL
ESTIMATION OF USA PHARMACIST MANPOWER USING
NABP CENSUS REPORT (1974-77)
MSN HS-PHR PHARMACY | (133-C568) | 1,444.00 |
| 28. | WISCONSIN LAW ALUMNI ASSOCIATION
MADISON, WI
DEFRAY SALARY AND FRINGE BENEFITS COSTS OF
SOCIOLOGY PROFESSOR DURING SEMESTER I OF
THE 1978-79 ACADEMIC YEAR
MSN L&S SOCIOLOGY | (133-C573) | 7,045.00 |
| 29. | STATE PUBLIC DEFENDER'S OFFICE
MADISON, WI
LEGAL DEFENSE PROJECT FOR THE PERIOD
09-01-78 THRU 06-30-79
MSN LAW LAW SCHOOL | (133-C577) | 30,000.00 |
| 30. | STATE OF WISCONSIN
DEPARTMENT OF HEALTH AND SOCIAL SERVICES
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR THE
PERIOD 09-01-78 THRU 09-31-79
MSN LAW LAW SCHOOL | (133-C729) | 54,450.00 |
| 31. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
HONORARIUM FOR VISITING PROFESSOR
MSN HS-MED NEUROLOGY | (133-C731) | 250.00 |
| 32. | UNIVERSITY OF MINNESOTA
ST. PAUL, MN
DIGITIZATION OF ONE 70MM AERIAL PHOTOGRAPH INTO
COMPUTER COMPATIBLE FORMAT
AWARD # P.O.# G 47951
MSN ENV ST ENV MON&DATA ACQ | (133-C735) | 390.00 |

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

33.	JOHNSON FOUNDATION RACINE, WI SUPPLY OF AND DEMAND FOR QUALIFIED INTEREST ARBITRATION SERVICES FOR THE PERIOD 08-01-78 THRU 06-30-79 MSN L&S IND REL RES INST (133-C738)	3,010.00
34.	ANONYMOUS DONOR DEFRAY TUITION AND RELATED COSTS OF QUALIFIED CENTER FOR DEVELOPMENT STUDENTS MSN L&S SPECIAL PROJECTS CTR DVLPMT (133-C740)	2,300.00
35.	MULTIPLE DONORS MEDICAL ETHICS PROGRAM SUPPORT MSN HS-MED HIST OF MEDICINE (133-C741)	76.13
36.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS BUSINESS, SCH OF (133-0179)	
	300.00 MULTIPLE DONORS 69,200.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
		69,500.00
37.	SCHERING CORPORATION KENILWORTH, NJ NEUROSURGERY RESEARCH MSN HS-MED SURGERY (133-3254)	2,000.00
38.	MULTIPLE DONORS UNRESTRICTED GRANT TO BE USED BY THE DEAN OF THE SCHOOL OF NURSING MSN HS-NUR ADMINISTRATION ADMIN (133-4314)	250.00
39.	ATLANTIC RICHFIELD FOUNDATION LOS ANGELES, CA DEPARTMENT OF GEOLOGY & GEOPHYSICS CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOL & GEOPHYSICS (133-4575)	3,000.00
40.	MCGLADREY, HANSEN, DUNN & COMPANY DAVENPORT, IA ACCOUNTING RESEARCH, INSTRUCTION AND SERVICE PROGRAMS IN THE SCHOOL OF BUSINESS MSN BUS BUSINESS, SCH OF (133-5085)	250.00
41.	THE FORD FOUNDATION NEW YORK, NY LAND TENURE CENTER TRAINING PROGRAM FUND MSN AG&LSC LAND TENURE CTR (133-5269)	1,132.00
42.	ATLANTIC RICHFIELD FOUNDATION LOS ANGELES, CA DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY FUND MSN ENGR CHEMICAL ENGR (133-5930)	2,000.00

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43.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS BUSINESS, SCH OF (133-5984)		
	47,616.50	WASHINGTON UNIVERSITY	
	25.00	ST. LOUIS, MO	
		MULTIPLE DONORS	
			47,641.50
44.	J. W. JUNG SEED COMPANY RANDOLPH, WI SUPPORT AN EXCELLENCE IN TEACHING AWARD, A SCHOLARSHIP OR OTHER APPROPRIATE USE AS DETERMINED BY THE DEAN OF THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES IN ACCORDANCE WITH TERMS PREVIOUSLY ACCEPTED MSN AG&LSC ADM-DEAN & DIR (133-6103)		500.00
45.	WISCONSIN PROFESSIONAL REVIEW ORGANIZATION MADISON, WI SUPPORT UNRESTRICTED PROGRAMS OF CONTINUING EDUCATION ACTIVITIES MSN HS-MED (133-6243)		176.00
46.	WISCONSIN LIONS FOUNDATION ROSHOLT, WI SUPPORT EYE BANK PROGRAM AT THE UNIVERSITY OF WISCONSIN HOSPITALS MSN HS-HSP (133-7058)		3,700.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEFRAY COST OF PLANTINGS IN THE LONGENECKER HORTICULTURAL GARDENS AT THE UW-MADISON ARBORETUM MSN ARBOR ARBORETUM (133-7954)		200.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEFRAY COST OF TOUR COORDINATOR PROGRAM MSN L&S ELVJM MUSEUM ART (133-7891)		1,000.00
49.	MULTIPLE DONORS SENSORY RESEARCH ANALYSIS MSN AG&LSC FOOD SCIENCE (133-8343)		3,185.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR (133-8366)		7,500.00
51.	MULTIPLE DONORS SUPPORT GENERAL STUDIES IN RESOURCES POLICY MSN AG&LSC NAT RESOURCES RES POL ST (133-8513)		12.00

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52.	BLUE BUS CLINIC OPERATION MSN HS-UHS UNIV HEALTH SERV U HLTH SVC (133-8650)		
	400.00 FRIENDS OF BLUE BUS		
	2,000.00 MADISON, WI		
			2,400.00
53.	EXXON EDUCATION FOUNDATION NEW YORK, NY		
	ENGINEERING AND SCIENCE PROGRAM IN THE DEPARTMENT OF CHEMICAL ENGINEERING		
	MSN ENGR CHEMICAL ENGR (133-9011)		6,000.00
54.	NATIONAL ASSOCIATION OF BROADCASTERS WASHINGTON, DC		
	GIFTS FOR THE SCHOOL OF JOURNALISM AND MASS COMMUNICATIONS UW-MADISON, TO BE USED AT THE DISCRETION OF THE DIRECTOR OF THE SCHOOL FOR THE BENEFIT OF THE SCHOOL		
	MSN L&S JOURN&MASS COMM (133-9465)		1,250.00
55.	DATA RESOURCES, INC. LEXINGTON, MA		
	DEFRAY COST OF PERSONNEL AND MISCELLANEOUS SERVICES, COMPUTER TIME AND MISCELLANEOUS SUPPLIES IN THE DEPARTMENT OF ECONOMICS		
	MSN L&S ECONOMICS (133-9533)		5,000.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	MINORITIES PROGRAM		
	MSN L&S JOURN&MASS COMM (133-9632)		1,000.00
57.	MULTIPLE DONORS RESEARCH DEVELOPMENT, TRAINING AND DISSEMINATION RELATED TO SCHOOL OF EDUCATION INTERESTS		
	MSN EDUC GENERAL ADMIN DEANS OFF (133-9647)		9,550.07

RESEARCH

1.	OSCAR MAYER & CO., INC. MADISON, WI		
	AGREEMENT PROVIDING FOR THE USE OF ANIMALS BY THE DEPARTMENT OF MEAT AND ANIMAL SCIENCE FOR TEACHING AND RESEARCH ACTIVITIES FOR THE PERIOD 07-01-78 THRU 06-30-79		
	MSN AG&LSC MEAT&ANIMAL SCI		
2.	AGRICULTURE, DEPT. OF HYATTSVILLE, MD		
	REVIEW THE BACKGROUND AND CURRENT STATUS OF THE APHIS BRUCELLOSIS PROGRAM		
	FOR THE PERIOD 06-30-76 THROUGH 12-31-78 AT A TOTAL COST OF \$184,357.00		
	AWARD # 12-16-4-231, MOD. 2		
	MSN AG&LSC VETERINARY SCI (144-H944)		11,000.00

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3. WI DEPT OF NATURAL RESOURCES
MADISON, WI
PRIME CONTRACTER WITH AGRIC
A PROGRAM TO FORM A STATEWIDE FOREST LANDOWNERS
ASSOCIATION IN WISCONSIN
FOR THE PERIOD 10-01-78 THROUGH 03-30-80
AWARD # AGREEMENT DTD 09/27/78
MSN AG&LSC NAT RESOURCES FORESTRY (144-M258) 45,000.00
4. AGRIC, ECONOMICS, STATISTICS, & COOPERATIVES
SERVICE
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) ORGANIZATION AND CONTROL OF U.S. FOOD PRODUCTION
AND DISTRIBUTION SYSTEM
FOR THE PERIOD 06-26-74 THROUGH 09-30-79
AT A TOTAL COST OF \$52,500.00
AWARD # 12-04-50-8-216-X, MOD. 3
MSN AG&LSC ECONOMICS (AGR) (144-F516) 10,000.00
- 2) ANALYSIS OF COSTS AND BENEFITS OF IMPROVED WATER
QUALITY FROM REDUCED AGRICULTURAL POLLUTION
FOR THE PERIOD 09-23-77 THROUGH 09-30-79
AT A TOTAL COST OF \$8,000.00
AWARD # 12-17-06-8-2153, MOD. 1
MSN AG&LSC ECONOMICS (AGR) (144-K793) 5,000.00
- 3) THE ECONOMIC IMPACT OF PRAIRIE FARMS COOPERATIVE
FOR THE PERIOD 08-31-78 THROUGH 12-31-79
AWARD # 58-319U-8-0302X
MSN AG&LSC ECONOMICS (AGR) (144-M200) 15,000.00
- 4) DELIVERY SYSTEMS ANALYSIS FOR FARMERS' NEWSLETTERS
/NEWSLINE SERVICE
FOR THE PERIOD 08-29-78 THROUGH 06-30-79
AWARD # 53-319Y-8-02475
MSN AG&LSC JOURNALISM (AGR) (144-M257) 15,000.00
- 5) A STUDY TO DEVELOP AN INVENTORY AND PROFILE OF
CO-OPS IN WISCONSIN SERVED BY RAILROAD LINES
DESIGNATED AS PENDING OR PROSPECTIVE FOR
ABANDONMENT
FOR THE PERIOD 09-25-78 THROUGH 09-30-79
AWARD # 58-319U-8-0319X
MSN AG&LSC ECONOMICS (AGR) (144-M307) 14,000.00
- 6) INSTITUTIONAL AND OTHER ISSUES IN NONPOINT
SOURCE POLLUTION ABATEMENT
FOR THE PERIOD 09-27-78 THROUGH 09-30-80
AWARD # 58-319V-8-02532
MSN AG&LSC NAT RESOURCES RES POL ST (144-M353) 4,000.00
- 7) STRUCTURE AND PERFORMANCE OF U.S. FOOD AND
MANUFACTURING INDUSTRIES
FOR THE PERIOD 09-21-78 THROUGH 09-30-80
AWARD # 58-319W-8-2489X
MSN AG&LSC ECONOMICS (AGR) (144-M380) 55,700.00

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5. AGRIC, ECONOMIC RESEARCH SERVICE
WASHINGTON, DC
A STUDY OF THE BENEFIT-COST INCIDENCE OF MULTI-
PURPOSE LAND INFORMATION SYSTEMS
FOR THE PERIOD 06-18-74 THROUGH 09-30-79
AT A TOTAL COST OF \$22,200.00
AWARD # 12-17-06-8-1004, MOD. 5
MSN AG&LSC NAT RESOURCES RES POL ST (144-F360) 5,300.00
6. AGRIC, FOREST SERVICE, FOREST PRODUCTS LABORATORY
MADISON, WI
IN SUPPORT OF THE FOLLOWING:
- 1) AN INVESTIGATION OF SPRAY FRACTIONATION FOR
IMPROVING THE QUALITY OF PULP FURNISHES
FOR THE PERIOD 09-26-78 THROUGH 03-30-80
AWARD # 12-138
MSN ENGR ENGR EXPER STA CHEM ENGR (144-M254) 23,039.00
- 2) ADHESIVE DURABILITY BY FRACTURE TOUGHNESS METHODS
FOR THE PERIOD 10-01-78 THROUGH 09-30-81
AWARD # 12-145
MSN ENGR ENGR EXPER STA CHEM ENGR (144-M308) 40,000.00
- 3) STRESS ANALYSIS OF TAPERED WOOD BEAMS
FOR THE PERIOD 09-21-78 THROUGH 08-31-79
AWARD # 12-139
MSN ENGR ENGR EXPER STA MECHANICS (144-M349) 15,960.00
- 4) MICROBIAL CHEMICAL AND FUEL PRODUCTION FROM
THERMOPHILIC FERMENTATION OF WOOD BYPRODUCT
SUGARS
FOR THE PERIOD 10-01-78 THROUGH 08-30-81
AWARD # 12-140
MSN AG&LSC BACTERIOLOGY (144-M385) 49,600.00
7. AGRIC, SCIENCE & EDUCATION ADM
ARLINGTON, VA
IN SUPPORT OF THE FOLLOWING:
- 1) NATURE AND ORGANIZATION OF POLYGENIC CONTROL
OF A METRIC TRAIT
FOR THE PERIOD 09-05-78 THROUGH 09-30-81
AWARD # 5901-0410-8-0053-0
MSN AG&LSC HORTICULTURE (144-M253) 80,000.00
- 2) ENERGY TRANSDUCTION IN HIGHER PLANTS
FOR THE PERIOD 09-11-78 THROUGH 09-30-80
AWARD # 5901-0410-8-0071-0
MSN AG&LSC BIOCHEMISTRY (144-M304) 50,000.00
- 3) GENETIC ENGINEERING OF BEAN SEED PROTEIN
FOR THE PERIOD 09-22-78 THROUGH 09-30-79
AWARD # 5901-0410-8-0138-0
MSN AG&LSC HORTICULTURE (144-M317) 25,000.00

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- | | | | |
|-----|--|------------|-----------|
| 4) | AGROBACTERIUM TUMEFACIENS TI-PLASMID AS A VEHICLE
FOR NOVEL GENE INTRODUCTION
FOR THE PERIOD 09-22-78 THROUGH 09-30-80
AWARD # 5901-0410-8-0168-0
MSN AG&LSC PLANT PATHOLOGY | (144-M318) | 74,000.00 |
| 5) | SELECTION IN CELL CULTURES OF ALFALFA:
REGENERATION OF NUTRITIONALLY IMPROVED PLANTS
FOR THE PERIOD 08-28-78 THROUGH 09-30-81
AWARD # 5901-0410-8-0002-0
MSN AG&LSC AGRONOMY | (144-M351) | 80,000.00 |
| 6) | STUDIES OF THE STRUCTURE OF THE GENETIC MATERIAL
OF PLANT VIRUSES
FOR THE PERIOD 09-05-78 THROUGH 09-30-80
AWARD # 5901-0410-8-0026-0
MSN GRAD BIOPHYSICS | (144-M381) | 54,000.00 |
| 7) | INHIBITION OF ION ABSORPTION AS A MECHANISM OF
ALLELOPATHY
FOR THE PERIOD 09-05-78 THROUGH 09-30-80
AWARD # 5901-0410-8-0032-0
MSN AG&LSC AGRONOMY | (144-M382) | 71,000.00 |
| 8) | SUCROSE METABOLISM IN PHOTOSYNTHESIS
FOR THE PERIOD 09-14-78 THROUGH 09-30-80
AWARD # 5901-0410-8-0088-0
MSN AG&LSC HORTICULTURE | (144-M383) | 60,000.00 |
| 8. | AGRIC, SCIENCE & EDUCATION ADM
BELTSVILLE, MD
RADIOIMMUNOASSAY KITS FOR TURKEY GONADOTROPHINS
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 12-14-1001-435
MSN AG&LSC POULTRY SCIENCE | (144-M390) | 4,500.00 |
| 9. | AGRIC, SCIENCE & EDUCATION ADM
NEW ORLEANS, LA
BREEDING, PATHOLOGY AND AGRONOMIC RESEARCH ON
CIGAR BINDER TOBACCO
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 12-14-100-11,148 (34)
MSN AG&LSC HORTICULTURE | (144-M387) | 2,000.00 |
| 10. | AGRIC, SCIENCE & EDUCATION ADM
PEORIA, IL
IN SUPPORT OF THE FOLLOWING: | | |
| 1) | NORTH CENTRAL DAIRY-FORAGE RESEARCH CENTER
PLANNING
FOR THE PERIOD 02-13-78 THROUGH 04-01-79
AT A TOTAL COST OF \$40,700.00
AWARD # 12-14-3001-761, MOD. 2
MSN AG&LSC ADM-WIS EXP STA | (144-L270) | 15,000.00 |

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- 2) DEVELOPMENT OF BETTER PRODUCTION TECHNOLOGY AND THE GENETIC IMPROVEMENT OF PROCESSING CUCUMBERS FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 12-14-3001-763
MSN AG&LSC HORTICULTURE (144-M225) 26,500.00
- 3) CELLULAR INTERACTIONS AND IMMUNE RESPONSE MECHANISMS IN BRUCELLA INFECTED AND IMMUNIZED CATTLE FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 12-14-3001-758
MSN AG&LSC VETERINARY SCI (144-M388) 80,000.00
- 4) PERSISTENT (LATENT) PSEUDORABIES VIRUS INFECTION IN SWINE FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 12-14-3001-770
MSN AG&LSC VETERINARY SCI (144-M389) 27,000.00
11. AGRIC, SCIENCE & EDUCATION ADM
WASHINGTON, DC
DEVELOPMENT OF A GYPSY MOTH PEST MANAGEMENT SYSTEM AND A GYPSY MOTH CONTINUING PLANNING ACTIVITY FOR THE PERIOD 11-18-77 THROUGH 09-30-79
AT A TOTAL COST OF \$205,000.00
AWARD # 804-15-10, MOD. 1
MSN ENGR ENGR EXPER STA INDUS ENGR (144-L185) 130,000.00
12. WI DEPT OF ADMINISTRATION
MADISON, WI
PRIME CONTRACTOR WITH COMM
LAKE SUPERIOR GEOTECHNICAL STUDY FOR THE PERIOD 06-01-78 THROUGH 05-31-79
AWARD # 79024
MSN ENGR ENGR EXPER STA CIVIL&ENV (144-L822) 13,172.00
13. COMMERCE, DEPT. OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) MODELING AND ANALYSIS OF MULTIPLE TIME SERIES FOR THE PERIOD 09-11-78 THROUGH 09-10-79
AWARD # KO-A01-79-00-1531
MSN L&S STATISTICS (144-M378) 60,000.00
- 2) ENHANCEMENT OF SEASAT WIND - STRESS MEASUREMENTS USING DATA FROM GOES FOR THE PERIOD 09-30-78 THROUGH 09-30-79
AWARD # MO-A01-78-00-4331
MSN GRAD SPACE SCI&ENG CT (144-M403) 60,946.00
- 3) VIDEO DISPLAY TERMINAL SUPPORT FOR THE PERIOD 09-01-78 THROUGH 08-31-79
AWARD # 03-8-A02-4229
MSN GRAD SPACE SCI&ENG CT (144-M409) 129,214.00

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14. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- SYNOPTIC-DYNAMIC APPLICATIONS OF METEOROLOGICAL
SATELLITE DATA
FOR THE PERIOD 10-15-78 THROUGH 09-30-79
AWARD # NA79AA-H-00011
MSN L&S METEOROLOGY (144-M408) 71,509.00
15. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
WASHINGTON, DC
A STUDY TO REMOTELY DERIVE PRECIPITATION RATES
FROM MICROWAVE AND INFRARED RADIOMETRY AND TO
EMPLOY SEASAT-A MEASUREMENTS TO DETERMINE
PRECIPITATION IN HURRICANES
FOR THE PERIOD 09-30-78 THROUGH 09-30-80
AWARD # MO-A01-78-00-4320
MSN L&S METEOROLOGY (144-M355) 65,110.00
16. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DHEW OF
PROJECT ASSISTANT FOR THE WISCONSIN CAREER
EDUCATION CONSORTIUM FOR TRAINING AND RETRAINING
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AT A TOTAL COST OF \$15,366.00
AWARD # PAH 00692, MOD. 1
MSN EDUC WIS VOC STUDIES (144-K750) 1,066.00
17. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) ELIMINATING SEXISM FROM MATHEMATICS EDUCATION
FOR THE PERIOD 10-01-77 THROUGH 09-30-79
AT A TOTAL COST OF \$240,441.00
AWARD # G007702871, MOD. 2
MSN EDUC CURRIC & INSTR (144-K792) 121,870.00
- 2) MODIFYING VOCATIONAL CURRICULUM FOR THE
HANDICAPPED
FOR THE PERIOD 10-01-78 THROUGH 05-31-80
AWARD # 300-78-0569
MSN EDUC WIS VOC STUDIES (144-M316) 279,038.00
- 3) PROGRAM SERVICE INSTITUTIONAL PROGRAM
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
AWARD # G007800405
MSN L&S PUBL POL&ADM RES (144-M379) 9,600.00

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18. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHEW OHD
PLANNING STUDY FOR THE SPECIAL NEEDS OF THE
AUTISTIC, EPILEPTIC, AND CEREBRAL PALSIED
POPULATIONS
FOR THE PERIOD 07-01-78 THROUGH 12-31-78
AT A TOTAL COST OF \$53,100.00
AWARD # AGREEMENT DTD 06/28/78, MOD. 1
MSN L&S URBAN & REG PLAN (144-M034) 4,200.00
19. DHEW, OFFICE OF HUMAN DEVELOPMENT
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) EXPANSION OF MULTIDISCIPLINARY RESEARCH: THE AGING
WOMAN
FOR THE PERIOD 09-30-78 THROUGH 09-29-79
AWARD # 90-A-1230 (02)
MSN GRAD INST AGING&ADULT (144-M309) 129,071.00
- 2) COMMUNITY BASED LEARNING CENTERS FOR OLDER
ADULTS
FOR THE PERIOD 09-29-78 THROUGH 09-28-79
AWARD # 90-A-1613 (01)
MSN GRAD INST AGING&ADULT (144-M310) 102,731.00
- 3) DOCTORAL DISSERTATION GRANT
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
AWARD # 90-A-1562 (01)
MSN GRAD INST AGING&ADULT (144-M311) 5,500.00
20. DHEW, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) SPINAL AND SUPRASPINAL SITES OF NARCOTIC ACTION
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AT A TOTAL COST OF \$37,089.00
AWARD # 1 R01 DA02030-01, MOD. 1
MSN HS-PHR PHARMACY (144-L631) 18,544.00
- 2) VULNERABILITY TO THE PSYCHOLOGICAL CONSEQUENCES OF
STRESS
FOR THE PERIOD 09-15-78 THROUGH 08-31-79
AWARD # 1 R03 MH32490-01
MSN HS-PSY PSYCHIATRIC INST (144-M240) 6,909.00
- 3) COMPUTER SIMULATION OF RACIAL RESIDENTIAL
SEGREGATION
FOR THE PERIOD 09-29-78 THROUGH 08-31-79
AWARD # 1 R03 MH32448-01
MSN L&S INST-RES ON POV (144-M401) 6,302.00
21. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHEW PHS CDC
ERYTHROCYTE PROTOPORPHYRIN PROFICIENCY TESTING
PROGRAM
FOR THE PERIOD 09-23-78 THROUGH 01-31-79
AWARD # AGREEMENT DTD 10/04/78
MSN HS-HYG ADMIN OFFICE (144-M337) 11,626.00

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22. DHEW, PHS, FOOD AND DRUG ADMINISTRATION
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) ISOLATION AND PURIFICATION OF TOXIN
ELABORATED BY ALTERNARIA SPP
FOR THE PERIOD 09-30-78 THROUGH 09-29-80
AWARD # 223-78-2019
MSN AG&LSC FOOD MICRO&TOXIC (144-M245) 99,582.00
 - 2) BIOAVAILABILITY TESTING OF SELECTED MARKETED
DRUGS
FOR THE PERIOD 09-29-78 THROUGH 09-28-81
AWARD # 223-78-3006
MSN HS-PHR PHARMACY (144-M247) 196,824.00
 - 3) STUDIES ON MECHANISMS OF ABSORPTION OF LEAD
FOR THE PERIOD 09-30-78 THROUGH 09-29-80
AWARD # 223-78-2215
MSN AG&LSC BIOCHEMISTRY (144-M295) 69,123.00
23. WAYNE STATE UNIVERSITY
DETROIT, MI
PRIME CONTRACTOR WITH DHEW PHS HRA
EVALUATION OF IMPACT OF DRUG SUBSTITUTION
LEGISLATION
FOR THE PERIOD 07-01-77 THROUGH 06-30-79
AT A TOTAL COST OF \$34,785.00
AWARD # HS02132, MOD. 2
MSN HS-PHR PHARMACY (144-K364) 10,601.00
24. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) COMPREHENSIVE CANCER CENTER COMMUNICATIONS
NETWORK
FOR THE PERIOD 06-01-75 THROUGH 05-31-81
AWARD # N01 CN 55228, MOD. 7
MSN HS-MED HUMAN ONCOLOGY (144-G392) 77,980.00
 - 2) CLINICAL CENTER TO EVALUATE THE EFFICACY OF
ANTENATAL STEROID THERAPY IN THE PREVENTION OF
NEONATAL RESPIRATORY DISTRESS SYNDROME
FOR THE PERIOD 06-28-76 THROUGH 08-27-80
AWARD # N01 HR-6-2952, MOD. 5
MSN HS-MED PEDIATRICS (144-H818) 26,023.00
 - 3) EFFECT OF FAT SATURATION ON CANCER INCIDENCE IN
MICE
FOR THE PERIOD 09-01-77 THROUGH 12-31-78
AT A TOTAL COST OF \$160,389.00
AWARD # 3 ROI CA20908-02S1
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-K638) 31,877.00

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- 4) LONG-TERM STUDIES OF PREVENTION OF EPITHELIAL
CANCER BY RETINOIDS
FOR THE PERIOD 09-30-77 THROUGH 09-29-80
AT A TOTAL COST OF \$342,000.00
AWARD # N01 CP 75905, MOD. 2
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-K753) 212,002.00
- 5) THE DIAGNOSTIC AND PROGNOSTIC SIGNIFICANCE OF A
NEWLY DISCOVERED ALKALINE PHOSPHATASE IN CANCER
PATIENTS
FOR THE PERIOD 09-15-77 THROUGH 09-14-79
AT A TOTAL COST OF \$120,416.00
AWARD # N01-CB-74173, MOD. 2
MSN HS-MED MEDICINE LAB-COMPUT (144-K759) 67,920.00
- 6) CONTROLLED CLINICAL TRIAL TO EVALUATE THE EARLY
TREATMENT OF DIABETIC RETINOPATHY
FOR THE PERIOD 09-30-77 THROUGH 09-29-80
AT A TOTAL COST OF \$135,830.00
AWARD # N01 EY 72148, MOD. 1
MSN HS-MED OPHTHALMOLOGY (144-K791) 92,521.00
- 7) CONTROLLED CLINICAL TRIAL TO EVALUATE THE EARLY
TREATMENT OF DIABETIC RETINOPATHY
FOR THE PERIOD 09-30-77 THROUGH 09-29-80
AT A TOTAL COST OF \$228,531.00
AWARD # N01 EY-7-2139, MOD. 1
MSN HS-MED OPHTHALMOLOGY (144-K794) 108,585.00
- 8) PERIPHERAL AND CENTRAL VENTILATORY CONTROL
FOR THE PERIOD 12-01-77 THROUGH 11-30-78
AT A TOTAL COST OF \$56,534.00
AWARD # 2 R01 HL15473-04A1, MOD. 3
MSN AG&LSC VETERINARY SCI (144-L008) 1,000.00
- 9) WISCONSIN CENTER ON MENTAL RETARDATION - CORE
SUPPORT
FOR THE PERIOD 03-01-78 THROUGH 02-28-79
AT A TOTAL COST OF \$606,013.00
AWARD # 5 P30 HD03352-11, MOD. 1
MSN GRAD WAISMN RETARD CT (144-L206) 1,584.00
- 10) POSTDOCTORAL FELLOWSHIP INSTITUTION ALLOWANCE
(REDUCTION DUE TO EARLY TERMINATION OF FELLOW)
FOR THE PERIOD 03-01-78 THROUGH 09-31-78
AT A TOTAL COST OF \$1,500.00
AWARD # 5 F32 AM05614-03X1
MSN AG&LSC BIOCHEMISTRY (144-L403) 1,500.00-
- 11) INTERACTION OF CARDIAC AGLYCONES WITH NAK-ATPASE
FOR THE PERIOD 05-01-78 THROUGH 04-30-79
AT A TOTAL COST OF \$45,164.00
AWARD # 5 R01 HL16549-04
MSN HS-MED PHARMACOLOGY (144-L455) 1,070.00

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- 12) BIOSYNTHESIS OF FRACTIONATED PROTEOGLYCANS OF LUNG
(REDUCTION DUE TO DEPARTURE OF PRINCIPAL
INVESTIGATOR FROM THE UNIVERSITY OF WISCONSIN)
FOR THE PERIOD 07-01-78 THROUGH 10-31-78
AT A TOTAL COST OF \$17,840.00
AWARD # 5 R01 HL21646-02, MOD. 1
MSN HS-MED PEDIATRICS (144-L567) 28,579.00-
- 13) REGULATORY MECHANISMS IN TUMOR BIOLOGY
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AT A TOTAL COST OF \$1,052,892.00
AWARD # 1 P01 CA23076-01, MOD. 1
MSN HS-MED ONCOLOGY (144-L758) 526,250.00
- 14) DEVELOPMENTAL STUDIES OF THE VISUAL SYSTEM
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # 2 R01 EY01331-05A1, MOD. 1
MSN HS-MED ANATOMY (144-L781) 2,400.00
- 15) EFFECTS OF ALTERED DIET AND PLASMA AMINO ACID
PATTERNS
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
AT A TOTAL COST OF \$94,860.00
AWARD # 5 R01 AM10747-13, MOD. 1
MSN AG&LSC BIOCHEMISTRY (144-L914) 3,500.00
- 16) CANCER CENTER SUPPORT AT THE MCARDLE LABORATORY
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
AT A TOTAL COST OF \$1,579,178.00
AWARD # 2 P30 CA07175-16, MOD. 2
MSN HS-MED ONCOLOGY (144-M087) 60,900.00
- 17) DIOXIN INDUCED TOXICITY AND CARCINOGENICITY
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
AWARD # 5 R01 ES01839-02
MSN HS-MED PATHOLOGY (144-M109) 43,892.00
- 18) IMPLICATIONS OF LOW LEVEL EXPOSURE TO DIOXINS
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
AWARD # 5 R01 ES01339-02
MSN HS-MED PATHOLOGY (144-M110) 76,218.00
- 19) POSTDOCTORAL FELLOWSHIP AWARD
(REDUCED TO CONFORM WITH CORRECTED TIME PERIOD)
FOR THE PERIOD 09-01-78 THROUGH 03-31-79
AT A TOTAL COST OF \$8,566.00
AWARD # 7 F32 EY05134-03, MOD. 1
MSN HS-MED ANATOMY (144-M205) 2,600.00-
- 20) RESPONSE OF PRIMATES TO POLYBROMINATED BIPHENYLS
FOR THE PERIOD 09-15-78 THROUGH 08-31-79
AWARD # 1 R01 ES01943-01
MSN L&S PRIMATE RES CTR (144-M230) 72,528.00
- 21) SYNTHESIS OF ANTHRACYCLINE ANTIBIOTICS FROM
TETRACYCLINES
FOR THE PERIOD 09-30-78 THROUGH 02-28-79
AWARD # 1 R01 CA22937-01
MSN HS-PHR PHARMACY (144-M242) 21,374.00

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22)	HEALTH AND POLITICS IN NINETEENTH CENTURY MILWAUKEE FOR THE PERIOD 09-29-78 THROUGH 09-28-79 AWARD # 1 RO1 LM03052-01 MSN HS-MED HIST OF MEDICINE	(144-M299)	23,447.00
23)	POSTDOCTORAL FELLOWSHIP AWARD FOR THE PERIOD 10-01-78 THROUGH 09-30-79 AWARD # 5 F32 AMC5768-02 MSN AG&LSC BIOCHEMISTRY	(144-M301)	15,600.00
24)	POSTDOCTORAL FELLOWSHIP AWARD FOR THE PERIOD 09-23-78 THROUGH 11-22-78 AWARD # 3 F32 GM05601-01A1S1 MSN AG&LSC BIOCHEMISTRY	(144-M305)	3,367.00
25)	CONTROL FACTORS FOR PLACENTAL HORMONES FOR THE PERIOD 09-29-78 THROUGH 08-31-79 AWARD # 1 RO1 HD11990-01 MSN HS-MED GYNECOL & OBSTET	(144-M343)	42,010.00
26)	ROLE OF MEMBRANE LIPIDS IN HYPERTHERMIC KILLING FOR THE PERIOD 09-30-78 THROUGH 07-31-79 AWARD # 1 RO1 CA23754-01 MSN HS-MED HUMAN ONCOLOGY	(144-M344)	48,806.00
27)	MEMBRANE COMPOSITION AND HYPERTHERMIC CELL DEATH FOR THE PERIOD 09-30-78 THROUGH 07-31-79 AWARD # 1 RO1 CA24872-01 MSN HS-MED HUMAN ONCOLOGY RAD BIOL	(144-M347)	26,872.00
28)	A PRACTICAL SYNTHESIS OF DAUNOMYCIN FOR THE PERIOD 09-30-78 THROUGH 07-31-79 AWARD # 1 RO1 CA23937-01 MSN L&S CHEMISTRY	(144-M356)	39,803.00
29)	PITUITARY - THYROID FUNCTION IN BREAST CANCER FOR THE PERIOD 09-30-78 THROUGH 07-31-79 AWARD # 2 RO1 CA17579-04 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(144-M358)	36,839.00
30)	POSTDOCTORAL FELLOWSHIP AWARD FOR THE PERIOD 10-01-78 THROUGH 09-30-79 AWARD # 1 F32 AM06043-01 MSN GRAD ENZYME INSTITUTE	(144-M371)	13,000.00
31)	INTERNATIONAL FELLOWSHIP AWARD FOR THE PERIOD 10-16-78 THROUGH 10-15-79 AWARD # 1 F05 TW02648-01 MSN HS-MED NEUROPHYSIOLOGY	(144-M404)	17,055.00
25.	THE TRUSTEES OF COLUMBIA UNIVERSITY NEW YORK, NY SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE UW SYSTEM UNDER AGREEMENT FROM DHEW PHS NIH HYPOTHALMIX-PITUITARY-TESTICULAR DEVELOPMENT FOR THE PERIOD 09-01-78 THROUGH 08-31-79 AT A TOTAL COST OF \$18,165.00 AWARD # 294J405 MSN L&S PRIMATE RES CTR	(144-M096)	

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26. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHEW SSA
PRENATAL AND CLINICAL GENETIC SERVICES
FOR THE PERIOD 07-01-77 THROUGH 11-15-78
AT A TOTAL COST OF \$178,772.00
AWARD # NONE
MSN HS-MED GENETICS (144-K281) 13,200.00
27. DOD, AIR FORCE
ARLINGTON, VA
OPTIMAL AND INSENSITIVE CONTROL OF HYPERBOLIC
DISTRIBUTED PARAMETER SYSTEMS WITH APPLICATIONS TO
WING FLUTTER PROBLEMS
FOR THE PERIOD 11-01-78 THROUGH 10-31-79
AWARD # AFOSR-79-0018
MSN L&S METEOROLOGY (144-L886) 35,700.00
28. DOD, ARMY
DOVER, NJ
TARGET MODELING OF MOVING TANKS BY DYNAMIC DATA
SYSTEM (DDS) APPROACH
FOR THE PERIOD 08-16-78 THROUGH 12-14-78
AWARD # DAAK10-78-M-4941
MSN ENGR ENGR EXPER STA MECH ENGR (144-M232) 10,000.00
29. DOD, ARMY
FORT BELVOIR, VA
HYDROGEO MORPHIC IMPLICATIONS OF CLIMATE CHANGE ON
WATER RESOURCE DEVELOPMENT
FOR THE PERIOD 10-01-78 THROUGH 01-28-79
AWARD # DACW72-78-C-0025
MSN ENV ST CT GEOG ANALYSIS (144-M286) 12,486.00
30. DOD, ARMY
RESEARCH TRIANGLE PARK, NC
IN SUPPORT OF THE FOLLOWING:
- 1) NONLINEAR INTEGRAL AND DELAY EQUATIONS
FOR THE PERIOD 10-15-76 THROUGH 10-14-79
AT A TOTAL COST OF \$96,000.00
AWARD # DAAG29-77-G-0004
MSN L&S MATHEMATICS (144-J418) 34,000.00
 - 2) A STUDY OF PHOTOPHYSICAL PROCESSES & MOLECULAR
TRANSFORMATIONS OF EXCITED STATES
FOR THE PERIOD 09-25-78 THROUGH 09-24-81
AWARD # DAAG29-78-G-0204
MSN L&S CHEMISTRY (144-M246) 35,000.00
 - 3) IN SITU MICROWAVE MEASUREMENTS OF LOSSY
DIELECTRIC
FOR THE PERIOD 09-15-78 THROUGH 03-14-80
AWARD # DAAG29-78-G-0181
MSN ENGR ENGR EXPER STA EL&COMPUT (144-M248) 35,350.00

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31. UNIVERSITY OF ILLINOIS
URBANA, IL
PRIME CONTRACTER WITH DOD ARMY
GRAIN COMMODITY FLOW STUDY
FOR THE PERIOD 09-30-78 THROUGH 12-29-78
AWARD # NONE
MSN AG&LSC MEAT&ANIMAL SCI (144-M229) 9,000.00
32. DOD, ARMY
WASHINGTON, DC
ACQUIRED IMMUNITY TO PATHOGENIC FUNGI
FOR THE PERIOD 07-01-74 THROUGH 06-30-78
AT A TOTAL COST OF \$164,027.00
AWARD # DAMD17-75-C-5004, MOD. 8
MSN HS-MED SURGERY GEN SURG (144-F465) 2,300.00
33. DOD, NAVY
ARLINGTON, VA
LIFE TESTING AND RELIABILITY WITH APPLICATION IN
ENGINEERING SYSTEMS
FOR THE PERIOD 09-01-78 THROUGH 09-30-80
AWARD # N00014-78-C-0722
MSN L&S STATISTICS (144-M394) 48,475.00
34. SANDIA LABORATORIES
ALBUQUERQUE, NM
PRIME CONTRACTER WITH DJE
CAVITY AND FIRST WALL DESIGN FOR REB FUSION
REACTORS
FOR THE PERIOD 09-08-78 THROUGH 07-31-79
AWARD # 06-9329
MSN ENGR ENGR EXPER STA NUCL ENGR (144-M223) 100,000.00
35. DEPARTMENT OF ENERGY
ARGONNE, IL
IN SUPPORT OF THE FOLLOWING:
- 1) SUPERCONDUCTIVE ENERGY STORAGE
FOR THE PERIOD 01-01-76 THROUGH 12-31-78
AT A TOTAL COST OF \$1,600,000.00
AWARD # EY-76-C-02-2844, MOD. 3
MSN ENGR ENGR EXPER STA INTRDSC PR (144-H290) 100,000.00
 - 2) MODELING OF SOLAR HEATING AND AIR CONDITIONING
FOR THE PERIOD 02-01-77 THROUGH 12-31-78
AT A TOTAL COST OF \$302,780.00
AWARD # EY-76-S-02-2588, MOD. 2
MSN ENGR ENGR EXPER STA MECH ENGR (144-J630) 102,780.00
 - 3) INVESTIGATION OF RF HEATING FOR TANDEM MIRROR
EXPERIMENTS AND REACTORS
FOR THE PERIOD 10-01-77 THROUGH 09-30-80
AT A TOTAL COST OF \$862,000.00
AWARD # ET-78-C-02-4710, MOD. 1
MSN ENGR ENGR EXPER STA NUCL ENGR (144-K783) 42,000.00

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- 4) FUSION REACTOR SYSTEMS DESIGN AND ENGINEERING STUDIES
FOR THE PERIOD 10-01-77 THROUGH 07-31-79
AT A TOTAL COST OF \$775,700.00
AWARD # ET-78-S-02-4636, MOD. 1
MSN ENGR ENGR EXPER STA NUCL ENGR (144-L131) 393,000.00
- 5) FUEL FUNDING
FOR THE PERIOD 08-01-78 THROUGH 08-01-79
AWARD # EY-76-C-02-1560
MSN ENGR ENGR EXPER STA NUCL ENGR (144-L909) 197,200.00
36. UNIVERSITY OF CALIFORNIA, LAWRENCE LIVERMORE LABORATORY
LIVERMORE, CA
PRIME CONTRACTOR WITH DOE
AUTOMOTIVE DATA ACQUISITION SYSTEM FREQUENCY DATA-COLLECTION METHOD
FOR THE PERIOD 08-21-78 THROUGH 01-31-79
AWARD # 3167509
MSN ENGR ENGR EXPER STA EL&COMPUT (144-M224) 5,770.00
37. DEPARTMENT OF ENERGY
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) STUDY AND DESIGN OF A STEADY STATE SUPERCONDUCTING TORSATRON
FOR THE PERIOD 07-01-78 THROUGH 11-30-78
AWARD # ET-78-S-02-5069
MSN ENGR ENGR EXPER STA EL&COMPUT (144-L813) 105,000.00
- 2) COAL BURNING RATE STUDIES
FOR THE PERIOD 09-01-78 THROUGH 08-31-80
AWARD # ET-78-G-01-3033
MSN ENGR ENGR EXPER STA MECH ENGR (144-M226) 49,700.00
- 3) IRON-INDUCED DEACTIVATION OF RANEY AND SUPPORTED NICKEL METHANATION
FOR THE PERIOD 09-15-78 THROUGH 09-15-80
AWARD # ET-78-G-01-3380
MSN ENGR ENGR EXPER STA CHEM ENGR (144-M249) 75,600.00
38. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) DEVELOPMENT OF A STANDARD LEACHING TEST
FOR THE PERIOD 07-01-76 THROUGH 09-30-78
AT A TOTAL COST OF \$175,424.00
AWARD # R804773010, MOD. 6
MSN ENGR ENGR EXPER STA CIVIL&ENV (144-J360) 9,400.00
- 2) TOXICOLOGICAL EFFECTS OF AROCLOR 1016 ON THE GENERAL BODY HEALTH AND REPRODUCTIVE CAPABILITIES OF NONHUMAN PRIMATES
FOR THE PERIOD 09-29-76 THROUGH 03-28-79
AT A TOTAL COST OF \$44,238.00
AWARD # 68-02-2464, MOD. 2
MSN HS-MED PATHOLOGY (144-J387) 7,610.00

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- 3) GRADUATE PROFESSIONAL TRAINING IN ANALYSIS AND DESIGN OF WATER SUPPLY AND POLLUTION CONTROL SYSTEMS
FOR THE PERIOD 10-16-78 THROUGH 10-15-79
AWARD # T900916010
MSN ENGR ENGR EXPER STA CIVIL&ENV (144-M392) 26,150.00
39. INTER, GEOLOGICAL SURVEY
RESTON, VA
BALTIMORE - WASHINGTON AREA LAND USE AND LAND COVER
FOR THE PERIOD 09-01-78 THROUGH 12-31-78
AWARD # AGREEMENT DTD 09/01/78
MSN L&S GEOGRAPHY (144-M289) 2,000.00
40. INTER, BUREAU OF MINES
WASHINGTON, DC
A STUDY OF SUPERCONDUCTING SEPARATORS FOR WEAKLY-MAGNETIC ORES
FOR THE PERIOD 07-01-77 THROUGH 06-30-79
AT A TOTAL COST OF \$131,095.00
AWARD # G0177066, MOD. 1
MSN ENGR ENGR EXPER STA INTRDSC PR (144-K104) 59,341.00
41. INTER, FISH AND WILDLIFE SERVICE
TWIN CITIES, MN
INCIDENCE OF LEAD AND STEEL SHOT IN WATERFOWL GIZZARDS AND BOTTOM SAMPLES FROM THE UPPER MISSISSIPPI RIVER
FOR THE PERIOD 09-29-78 THROUGH 02-01-79
AWARD # 30181-1727
MSN AG&LSC NAT RESOURCES WLIFE ECOL (144-M405) 7,500.00
42. INTER, FISH AND WILDLIFE SERVICE
WASHINGTON, DC
AN EVALUATION OF THE IMPACT OF THE GARRISON DIVERSION UNIT ON WHOOPING CRANE (GRUS AMERICANA) MIGRATION HABITAT
FOR THE PERIOD 09-15-78 THROUGH 12-31-79
AWARD # 14-16-0009-78-001
MSN AG&LSC NAT RESOURCES WLIFE ECOL (144-M219) 11,304.00
43. JUSTC, LAW ENFORCEMENT ASSISTANCE ADM
WASHINGTON, DC
ILLEGAL BEHAVIOR OF THE 600 LARGEST UNITED STATES CORPORATIONS
FOR THE PERIOD 09-01-77 THROUGH 06-30-79
AT A TOTAL COST OF \$247,839.00
AWARD # 77NI-99-0069, MOD. 1
MSN L&S SOCIOLOGY (144-K672) 67,059.00
44. MADISON-DANE COUNTY EMPLOYMENT AND TRAINING CONSORTIUM
MADISON, WI
PRIME CONTRACTOR WITH LABOR
A COMPREHENSIVE CENTRALIZED INTAKE AND ASSESSMENT SYSTEM FOR THE MADISON-DANE COUNTY EMPLOYMENT AND TRAINING CONSORTIUM
FOR THE PERIOD 07-01-78 THROUGH 03-30-79
AWARD # AGREEMENT DTD 10/09/78
MSN EDUC WIS VOC STUDIES (144-L828) 20,984.00

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45. LABOR, DEPT. OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) IMPROVING INTERNATIONAL SAFEGUARD PROCEDURES
FOR THE PERIOD 09-23-77 THROUGH 08-31-79
AT A TOTAL COST OF \$23,693.00
AWARD # J9K70009, MOD. 2
MSN L&S ECONOMICS (144-K818) 11,334.00
 - 2) DOCTORAL DISSERTATION RESEARCH
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
AWARD # 91-55-78-43
MSN L&S IND REL RES INST (144-M186) 14,790.00
 - 3) DOCTORAL DISSERTATION RESEARCH
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
AWARD # 91-55-78-40
MSN L&S ECONOMICS (144-M221) 11,050.00
 - 4) STRIKES AND STRIKE PENALTIES IN THE PUBLIC SECTOR
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # J-9-P-8-0159
MSN L&S IND REL RES INST (144-M354) 96,247.00
46. NATIONAL AERONAUTICS & SPACE ADMIN.
HOUSTON, TX
VITAMIN D METABOLITES AND BONE DEMINERALIZATION
FOR THE PERIOD 04-01-78 THROUGH 12-31-78
AT A TOTAL COST OF \$40,000.00
AWARD # NAS9-15580, MOD. 15
MSN AG&LSC BIOCHEMISTRY (144-L588) 15,593.00
47. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
IN SUPPORT OF THE FOLLOWING:
- 1) REDUCTION & ANALYSIS OF DATA FROM "SOFT X-RAY BACK
GROUND EXPERIMENT" TO BE FLOWN ABOARD THE OSO-1
FOR THE PERIOD 06-26-75 THROUGH 09-30-79
AWARD # NAS5-22410, MOD. 13
MSN GRAD SPACE SCI&ENG CT (144-G821) 2,913.00
 - 2) CONTINUED OPERATION OF A BIOMEDICAL APPLICATIONS
TEAM
FOR THE PERIOD 01-01-78 THROUGH 12-31-79
AWARD # NAS5-24385, MOD. 1
MSN ENGR ENGR EXPER STA INTRDSC PR (144-L117) 25,000.00
48. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
CONTEMPORARY SOUTH ASIAN CIVILIZATION FILMS
PROJECT
FOR THE PERIOD 10-01-78 THROUGH 09-30-80
AWARD # EH-32867-78-1242
MSN L&S SO ASIAN STUDIES (144-M346) 184,937.00

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49. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) DEVELOP A SECTORIZED ARCHIVE UNIT FOR SYNCHRONOUS
METEOROLOGICAL SATELLITE DATA (CASSETTE ARCHIVING)
FOR THE PERIOD 12-01-76 THROUGH 05-31-79
AT A TOTAL COST OF \$85,737.00
AWARD # ATM75-21048, MOD. 3
MSN GRAD SPACE SCI&ENG CT (144-J541) 27,237.00
 - 2) SYSTEMATIC INVESTIGATION OF THE COGNITIVE EFFECTS
OF GAMES ON MATHEMATICS LEARNING
FOR THE PERIOD 09-01-77 THROUGH 10-31-80
AT A TOTAL COST OF \$58,100.00
AWARD # SED77-18875, MOD. 1
MSN L&S MATHEMATICS (144-K718) 28,700.00
 - 3) MOTILITY, MEMBRANES AND MECHANOTRANSDUCTION
FOR THE PERIOD 11-01-77 THROUGH 04-30-80
AT A TOTAL COST OF \$142,300.00
AWARD # PCM77-09880, MOD. 1
MSN GRAD MOLECULAR BIOL (144-L053) 74,000.00
 - 4) POSTDOCTORAL FELLOWSHIP
FOR THE PERIOD 08-08-78 THROUGH 08-07-79
AWARD # NONE
MSN AG&LSC BIOCHEMISTRY (144-M306) 1,200.00
 - 5) IMPLEMENTATION OF RECOMMENDATIONS RESULTING FROM
WORKSHOP CONFERENCE ON MANAGEMENT OF LABORATORY
INSTRUMENTS
FOR THE PERIOD 09-01-78 THROUGH 11-30-79
AWARD # INT78-07440
MSN ENGR ENGR EXPER STA INSTRM SYS (144-M312) 22,000.00
 - 6) LONGITUDINAL STUDY OF VARIABLES RELATED TO SEX
DISCRIMINATION IN MATHEMATICS
FOR THE PERIOD 09-28-78 THROUGH 02-28-82
AWARD # SED78-17330
MSN EDUC CURRIC & INSTR (144-M357) 193,990.00
50. WI DEPT OF TRANSPORTATION
MADISON, WI
PRIME CONTRACTOR WITH TRANS
APPLICATION OF SIMULATION MODELS TO TSM PLANNING
IN WISCONSIN
FOR THE PERIOD 04-17-78 THROUGH 12-31-78
AT A TOTAL COST OF \$8,381.00
AWARD # TRH04338, MOD. 1
MSN ENGR ENGR EXPER STA CIVIL&ENV (144-L418) 2,747.00
51. UPPER GREAT LAKES REGIONAL COMMISSION
WASHINGTON, DC
FINANCING SMALL BUSINESS ENTERPRISES IN RURAL
AREAS OF WISCONSIN
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
AWARD # 10820408
MSN AG&LSC ECONOMICS (AGR) (144-M250) 14,815.00

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52.	VETERANS ADMINISTRATION MADISON, WI SCARCE MEDICAL SPECIALIST SERVICES CONTRACT - MEDICAL MACHINE TECHNICIAN FOR THE PERIOD 10-01-78 THROUGH 09-30-79 AWARD # V607P-603 MSN HS-MED SURGERY	THORACIC S (144-M384)	6,800.00
53.	WISCONSIN ALUMNI RESEARCH FOUNDATION, MADISON, REPRESENTING A TRANSFER FROM THE MARIE KOHLER FUND WISCONSIN CLINICAL CANCER CENTER SUPPORT MSN HS-MED HUMAN ONCOLOGY	CLIN ONCOL (135-0039)	17,000.00
54.	MULTIPLE DONORS KIDNEY DISEASE RESEARCH MSN HS-MED MEDICINE	(133-A081)	40.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND IN THE DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-A238)	10,000.00
56.	CANCER RESEARCH- MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	
	25.00	MULTIPLE DONORS IN MEMORY OF ARNOLD JERGENS, CAPRON, IL	
	5.00	MULTIPLE DONORS IN MEMORY OF MRS. LOUIS GILLES	
	50.00	MULTIPLE DONORS IN MEMORY OF F. GORDON BARTHOLOMEW, TEQUESTA, FL	
	8.00	MULTIPLE DONORS IN MEMORY OF MRS. ROBERT BRIGHT, OREGON, WI	
	300.00	MULTIPLE DONORS IN MEMORY OF LAURENCE WAGNER, EDGERTON, WI	
	5.00	MULTIPLE DONORS IN MEMORY OF TIM MCCLIMON	
	10.00	MULTIPLE DONORS IN MEMORY OF STEVE DOMINI, MADISON, WI	
	5.00	MULTIPLE DONORS IN MEMORY OF LLOYD W. COLEMAN, MADISON, WI	
	1,800.00	MULTIPLE DONORS IN MEMORY OF WILLIAM F. HOYLE, DIXON, IL	
	250.00	MULTIPLE DONORS	
	20.00	MULTIPLE DONORS IN MEMORY OF MRS. CHARLES DUICK AND GLEN OLSON, WHITEWATER, WI	
	10.00	MULTIPLE DONORS IN MEMORY OF JOHN MADLAND, MADISON, WI	
	30.00	MULTIPLE DONORS IN MEMORY OF JESSICA JOY BALTHUES	
	50.00	MULTIPLE DONORS IN MEMORY OF MYRNA DONOVAN, MAUSTON, WI AND ROBERT WALKER, NEW LISBON, WI	
	5.00	MULTIPLE DONORS IN MEMORY OF FRAN SCHUTT, MADISON, WI	
	5.00	MULTIPLE DONORS IN MEMORY OF MRS. ALBERT SHIBE, RICHEY, FL	
	30.00	MULTIPLE DONORS IN MEMORY OF MRS. LOUISE GAETA, CORALVILLE, IA	
	15.00	MULTIPLE DONORS IN MEMORY OF MS. KATHRYN SINAIKO	
	704.00	MULTIPLE DONORS IN MEMORY OF MRS. ARLENE WILLIAMS, FREEPORT, IL	

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RESEARCH

56.	CANCER RESEARCH- MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	
	40.00	MULTIPLE DONORS IN MEMORY OF JEFF WANNER, PITTSBURGH, PA	
	160.00	MULTIPLE DONORS IN MEMORY OF MRS. LOUISE GAETA, CORALVILLE, IL	
	15.00	MULTIPLE DONORS IN MEMORY OF FRED BISJACK, WEST ALLIS, WI	
	165.00	MULTIPLE DONORS IN MEMORY OF CHARLES COPPAGE, FRANKLIN PARK, IL	
	10.00	MULTIPLE DONORS IN MEMORY OF LYLE AUER, MONDOVI, WI	
	25.00	MULTIPLE DONORS IN MEMORY OF MRS. JEROME SINAICO, MADISON, WI	
			3,742.00
57.	CANCER RESEARCH MSN HS-MED	(133-A251)	
	25.00	MULTIPLE DONORS IN MEMORY OF LOIS M. THOMPSON	
	300.00	BARRON COMMUNITY FUND, INC BARRON, WI	
	350.00	UNITED WAY OF SOUTH WOOD COUNTY WISCONSIN RAPIDS, WI	
			675.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GYNECOLOGY AND OBSTETRICS RESEARCH AND DEVELOPMENT FUND MSN HS-MED GYNECOL & OBSTET	(133-A522)	3,360.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	GEN MED (133-A525)	15,000.00
60.	BAYVET DIVISION CUTTER LABORATORIES, INC SHAWNEE, KS PARASITOLOGY RESEARCH WITH DAIRY CATTLE MSN AG&LSC VETERINARY SCI	(133-A670)	2,000.00
61.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA CONCEPTUAL REACTOR DESIGN STUDIES OF LASER INITIATED INERTIAL CONFINEMENT FUSION DURING THE PERIOD 01-01-76 THRU 12-31-78 AT A TOTAL LEVEL OF \$1,190,000 AWARD # RP 237-3 MSN ENGR	ENGR EXPER STA NUCL ENGR (133-A767)	70,000.00

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62.	MULTIPLE DONORS DEVELOPMENT OF SYSTEMS FOR MEMBRANE PROCESSING OF CHEESE WHEY MSN AG&LSC FOOD SCIENCE	(133-A810)	600.00
63.	MULTIPLE DONORS SOIL DECLOGGING RESEARCH MSN AG&LSC SOILS	(133-A862)	700.00
64.	AYERST LABORATORIES NEW YORK, NY STUDY ON THE SAFETY OF "INDERAL" IN PATIENTS WITH ANGINA PECTORIS MSN HS-MED MEDICINE	GEN MED (133-A914)	8,850.00
65.	N. J. FROMENT & COMPANY, LTD LINCOLNSHIRE, ENGLAND DEFRAY COST OF TESTING AN ELECTRONIC MOISTURE TESTER FOR FORAGE MSN AG&LSC DAIRY SCIENCE	(133-B063)	25.00
66.	RATH DEVELOPMENT CORPORATION JANESVILLE, WI CHEMICAL BRIGHTENING OF STAINLESS STEELS MSN ENGR ENGR EXPER STA CHEM ENGR	(133-B145)	650.00
67.	OHIO MEDICAL PRODUCTS DIVISION AIRCO, INC., MADISON, WI DESIGN AND FABRICATION OF MINIATURE GAS CHROMATOGRAPH ANALYZER COMPONENTS MSN ENGR ENGR EXPER STA EL&COMPUT	(133-B177)	6,000.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARDIOPULMONARY STUDIES MSN AG&LSC VETERINARY SCI	(133-B408)	31,000.00
69.	SERONO LABORATORIES, INC. BRAINTREE, MA RESEARCH ACTIVITIES SUPPORT MSN HS-MED GYNECOL & OBSTET	(133-B498)	20,000.00
70.	MULTIPLE DONORS ROOT DISEASES OF SOYBEAN MSN AG&LSC PLANT PATHOLOGY	(133-B522)	300.00
71.	MULTIPLE DONORS COMPARE ROLLED VS. UNROLLED CORN SILAGE IN THE DIET OF DAIRY COWS MSN AG&LSC DAIRY SCIENCE	(133-B629)	2,500.00
72.	MULTIPLE DONORS RESEARCH ON POTATO AND FRUIT DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-B680)	1,250.00

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73.	MULTIPLE DONORS ASTHMATIC RESEARCH MSN HS-MED	(133-B709)	100.00
74.	EDUCATIONAL FOUNDATION OF THE AMERICAN SOCIETY OF PLASTIC AND RECONSTRUCTIVE SURGEONS, INC. CHICAGO, IL RESEARCH GRANT IN THE DEPARTMENT OF SURGERY- DENTAL AND PLASTIC SURGERY MSN HS-MED SURGERY	DENT&PLAST (133-B921)	3,500.00
75.	PITMAN-MOORE WASHINGTON CROSSING, NJ EVALUATE AN ANTHELMINTIC IN SWINE MSN AG&LSC VETERINARY SCI	(133-C053)	7,500.00
76.	NATIONAL BOARD OF MEDICAL EXAMINERS PHILADELPHIA, PA COMPUTER-BASED EXAMINATION PROJECT FOR THE PERIOD 04-01-78 THRU 03-31-79 MSN HS-MED MEDICINE	LAB-COMPUT (133-C175)	159,264.00
77.	MULTIPLE DONORS POTATO RESEARCH MSN AG&LSC UNIV EXPTL FARMS HANCOCK	(133-C235)	120.00
78.	ALBERTA RECREATION, PARKS AND WILDLIFE FISH AND WILDLIFE DIVISION EDMONTON, ALBERTA, CANADA STUDY OF THE DISTRIBUTION AND MOVEMENTS OF ELK IN RELATION TO HUMAN ACTIVITY WITHIN ELK ISLAND NATIONAL PARK REDUCED TO \$5,559.45 LEVEL PER MUTUAL AGREEMENT WITH DONOR MSN AG&LSC NAT RESOURCES	WLIFE ECOL (133-C288)	940.55-
79.	STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI ECOLOGY AND PHYSIOLOGY OF FISHES FOR THE PERIOD 07-01-78 THRU 06-30-79 MSN L&S	ZOOLOGY (133-C308)	6,000.00
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY FUND RESEARCH MSN L&S	CHEMISTRY (133-C317)	9,000.00
81.	CONTINENTAL DIVERSIFIED OPERATIONS CHICAGO, IL EVALUATION OF PROCESSED AND FROZEN VEGETABLES MSN AG&LSC FOOD SCIENCE	(133-C403)	13,800.00
82.	STATE OF WISCONSIN DEPARTMENT OF REVENUE MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 07-01-78 THRU 01-11-79 AT A \$4,829 LEVEL AWARD # P.O. #RDI-90150 MSN L&S	PUBL POL&ADM RES (133-C405)	2,595.00

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83.	ROCKEFELLER FOUNDATION NEW YORK, NY MECHANISMS OF PLANT RESISTANCE TO PATHOGENS FOR THE PERIOD 09-01-78 THRU 08-31-79 AWARD # RF 78035, ALLOC. NO. 5 MSN AG&LSC PLANT PATHOLOGY	(133-C500)	38,000.00
84.	AMERICAN FOUNDATION FOR PHARMACEUTICAL EDUCATION FAIR LAWN, NJ RESEARCH AND EDUCATION OF OUTSTANDING GRADUATE STUDENTS IN PHARMACY MSN HS-PHR PHARMACY	(133-C504)	15,250.00
85.	STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI ENDANGERED/THREATENED PLANT SPECIES LOCATIONAL REGISTRY AND STATUS REPORT PREPARATION FOR THE PERIOD 08-20-78 THRU 02-24-79 MSN L&S BOTANY	(133-C532)	6,500.00
86.	STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI EFFECTS OF AN IMPOUNDMENT ON ARTHROPODS IN TROUT CREEK FOR THE PERIOD 07-01-78 THRU 06-30-79 MSN AG&LSC ENTOMOLOGY	(133-C533)	870.00
87.	MULTIPLE DONORS SOLAR ENERGY RESEARCH MSN ENGR ENGR EXPER STA CHEM ENGR	(133-C535)	200.00
88.	URBAN LAND INSTITUTE WASHINGTON, DC NONMETROPOLITAN POPULATION TRENDS MSN AG&LSC SOCIOLOGY(RURAL)	(133-C551)	3,000.00
89.	SCHERING CORPORATION KENILWORTH, NJ STUDY OF CELESTONE PHOSPHATE INJECTION IN CEREBRAL EDEMA AWARD # S77-010-01 MSN HS-MED RADIOLOGY DIAGNOSTIC	(133-C552)	9,000.00
90.	HEWLETT PACKARD PALO ALTO, CA INVESTIGATION OF MICROWAVE PHASE MODULATION MSN ENGR ENGR EXPER STA EL&COMPUT	(133-C555)	6,308.80
91.	MERCK SHARP & DOHME RAHWAY, NJ UNRESTRICTED RESEARCH GRANT MSN L&S CHEMISTRY	(133-C557)	10,000.00

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92.	NEKOOSA PAPERS, INC PORT EDWARDS, WI DETERMINING THE EFFECTIVENESS OF COMBINED PRIMARY-SECONDARY PAPER MILL SLUDGE IN PROMOTING ESTABLISHMENT OF VEGETATION ON SANDY LAND-FILL SITES FOR THE PERIOD 01-01-79 THRU 12-31-79 MSN AG&LSC SOILS	(133-C558)	1,900.00
93.	INTERNATIONAL RESEARCH AND EXCHANGE BOARD NEW YORK, NY RESEARCH IN THE DEPARTMENT OF PHYSIOLOGICAL CHEMISTRY MSN HS-MED PHYSIOLOG CHEM	(133-C559)	500.00
94.	STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI SUPPORT ACTIVITIES OF THE MEMOMONEE RIVER PILOT WATERSHED STUDY IN THE PREPARATION OF THE FINAL PROJECT REPORT DURING THE PERIOD 09-14-78 THRU 12-31-78 MSN GRAD WATER RESOURCES	(133-C562)	10,000.00
95.	BELOIT POWER SYSTEMS, INC BELOIT, WI INTERNAL COMBUSTION ENGINE RESEARCH MSN ENGR ENGR EXPER STA MECH ENGR	(133-C564)	7,500.00
96.	DELCO ELECTRONICS DIVISION GENERAL MOTORS CORPORATION KOKOMO, IN SOLID STATE DEVICE RESEARCH MSN ENGR ENGR EXPER STA EL&COMPUT	(133-C565)	6,000.00
97.	DEC INTERNATIONAL, INC MADISON, WI THERMAL SCIENCES RESEARCH MSN ENGR ENGR EXPER STA MECH ENGR	(133-C566)	1,500.00
98.	EXXON EDUCATION FOUNDATION NEW YORK, NY CATALYSIS RESEARCH MSN ENGR ENGR EXPER STA CHEM ENGR	(133-C567)	15,000.00
99.	PFIZER PHARMACEUTICALS NEW YORK, NY COMPARATIVE STUDY OF BACAMPICILLIN HYDROCHLORIDE (BID) VERSUS AMOXICILLIN (TID) IN THE TREATMENT OF ACUTE EXACERBATIONS OF CHRONIC BRONCHITIS MSN HS-MED MEDICINE INFECT DIS	(133-C569)	21,000.00
100.	NATIONAL WILDLIFE FEDERATION WASHINGTON, DC BALD EAGLE RESEARCH IN THE GREAT LAKES AREA FOR THE PERIOD 09-01-78 THRU 05-31-79 MSN AG&LSC NAT RESOURCES WLFIE ECOL	(133-C572)	4,480.06

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101.	HARRIS-SAI, INC ANN ARBOR, MI CONVERSION OF TECHNICAL FORTRAN PROGRAMS TO PASCAL AWARD # P.O.# 009532 MSN ENGR ENGR EXPER STA EL&COMPUT (133-C578)	2,450.00
102.	WILLIAM LANS SONS COMPANY SOUTH BELOIT, IL DIE CAST DROSS SEPARATION MSN ENGR ENGR EXPER STA MECH ENGR (133-C579)	450.00
103.	LIQUID CARBONIC CORPORATION CHICAGO, IL EVALUATION OF CRYOGENIC RECYCLED RUBBER FOR OIL SPILL AND OTHER HYDROCARBON CLEAN-UP MSN ENGR ENGR EXPER STA MECH ENGR (133-C580)	4,500.00
104.	CITY OF MANITOWOC MANITOWOC, WI COMPUTER TIME AT MADISON ACADEMIC COMPUTING CENTER FOR TRAFFIC SIGNAL TIMING STUDY FOR CITY OF MANITOWOC CENTRAL BUSINESS DISTRICT AWARD # P.O.# 3906 MSN ENGR ENGR EXPER STA CIVIL&ENV (133-C581)	100.00
105.	WISCONSIN/NICARAGUA PARTNERS OF THE AMERICAS, INC MADISON, WI RESEARCH IN INTEGRATED RURAL HEALTH SERVICES AND EDUCATIONAL RADIO FOR THE PERIOD 07-01-78 THRU 12-31-80 MSN HS-MED PREVENTIVE MED (133-C700)	54,000.00
106.	AMERICAN CANCER SOCIETY, INC NEW YORK, NY AMERICAN CANCER SOCIETY JUNIOR FACULTY CLINICAL FELLOWSHIP FOR THE PERIOD 07-01-78 THRU 06-30-79 AWARD # JFC-388A MSN HS-MED HUMAN ONCOLOGY (133-C701)	8,000.00
107.	FIGHT FOR SIGHT, INC NEW YORK, NY BLOOD OCULAR BARRIERS UNDER STRESS IN EXPERIMENTAL DIABETES FOR THE PERIOD 11-01-78 THRU 10-31-79 MSN HS-MED OPHTHALMOLOGY (133-C702)	5,069.00
108.	OHIO MEDICAL PRODUCTS DIVISION, AIRCC, INC., MADISON, WI SOLID STATE DEVICE RESEARCH FOR THE PERIOD 09-01-78 THRU 08-31-79 MSN ENGR ENGR EXPER STA EL&COMPUT (133-C704)	30,500.00
109.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA DEVELOPMENT AND APPLICATION OF ADVANCED STATISTICAL METHODS FOR ON-LINE BWR STABILITY ANALYSIS FOR THE PERIOD 10-01-78 THRU 05-31-80 AWARD # RP 1397-1 MSN ENGR ENGR EXPER STA MECH ENGR (133-C725)	66,000.00

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110.	INTERNATIONAL PAPER COMPANY FOUNDATION NEW YORK, NY PAUL A. GORMAN FELLOWSHIP MSN ENGR ENGR EXPER STA CHEM ENGR (133-C726)	7,000.00
111.	BARD-PARKER DIVISION BECTON-DICKINSON AND COMPANY LINCOLN PARK, NJ THE EFFICACY OF OXYGEN INSUFFLATION TO REDUCE ARTERIAL HYPOXEMIA DURING ENDOTRACHEAL SUCTIONING MSN HS-NUR (133-C728)	7,969.00
112.	SONY CORPORATION TOKYO, JAPAN RESEARCH SUPPORT FOR VISITING SCIENTIST MSN L&S PHYSICS (133-C730)	3,584.00
113.	MULTIPLE DONORS DISEASE AND WEED CONTROL IN TOBACCO AND TURF MSN AG&LSC HORTICULTURE (133-C732)	1,400.00
114.	MULTIPLE DONORS STUDY OF THE EFFECTS OF YOGURT ON BREAD MSN AG&LSC FOOD SCIENCE (133-C733)	1,500.00
115.	MARATHON COUNTY WAUSAU, WI DEFRAY COST OF PURCHASE OF LAB EQUIPMENT TO BE USED AT THE MARSHFIELD EXPERIMENTAL FARM MSN AG&LSC DAIRY SCIENCE (133-C734)	3,752.24
116.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA FUSION-FISSION FEASIBILITY-FUEL CYCLE ANALYSIS FOR THE PERIOD 10-03-78 THRU 11-02-78 AWARD # RP 1414-1 MSN ENGR ENGR EXPER STA NUCL ENGR (133-C742)	25,000.00
117.	MULTIPLE DONORS STUDY THE ACOUSTIC PROPERTIES OF FOOD SYSTEMS MSN AG&LSC FOOD SCIENCE (133-2415)	20.00
118.	WYETH LABORATORIES PHILADELPHIA, PA DEPARTMENT OF GYNECOLOGY & OBSTETRICS CHAIRMAN'S UNRESTRICTED FUND MSN HS-MED GYNFCOL & OBSTET (133-3218)	100.00
119.	LEUKEMIA RESEARCH-DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS (133-3535)	
	40.00 MULTIPLE DONORS IN MEMORY OF KATHY PENDGRAFT	
	15.00 MULTIPLE DONORS IN MEMORY OF BRADLEY DEWING	
	209.00 MULTIPLE DONORS IN MEMORY OF JESSICA JOY BULTHUIS	
	20.00 MULTIPLE DONORS IN MEMORY OF MICHAEL PETERSON	
	32.00 MULTIPLE DONORS IN MEMORY OF JESSICA JOY BULTHUIS, MADISON, WI	
	28.50 MULTIPLE DONORS IN MEMORY OF DAVE GIAGEOS	

344.50

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120.	MULTIPLE DONORS IN MEMORY OF EDWARD SHOVERS HEART RESEARCH MSN HS-MED MEDICINE	CARDIOLOGY (133-4099)	50.00
121.	MULTIPLE DONORS UNRESTRICTED FUND TO BE USED AT THE DISCRETION OF THE CHAIRMAN OF THE DEPARTMENT OF GENETICS (MEDICAL) AS APPROVED BY THE DEAN OF THE MEDICAL SCHOOL MSN HS-MED GENETICS	(133-4379)	747.81
122.	MULTIPLE DONORS WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	4,500.00
123.	MULTIPLE DONORS BIODYNAMICS LABORATORY RESEARCH PROGRAM MSN EDUC PHY ED & DANCE BIODYN LAB	(133-7153)	753.00
124.	STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI SUPPORT OF A REFERENCE ROOM IN THE WATER RESOURCES CENTER FOR THE PERIOD 07-01-78 THRU 06-30-79 MSN GRAD WATER RESOURCES	(133-7167)	3,000.00
125.	MULTIPLE DONORS SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	1,250.00
126.	MULTIPLE DONORS DEFRAY COST OF PURCHASES OF EQUIPMENT AND SUPPLIES FOR FOOD RESEARCH PROGRAM IN THE DEPARTMENT OF FOOD SCIENCE MSN AG&LSC FOOD SCIENCE	(133-7431)	100.00
127.	MULTIPLE DONORS SUPPORT NEUROPSYCHOLOGY LABORATORY OF THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-7446)	101.60
128.	MULTIPLE DONORS IN MEMORY OF MAUREEN ZIMMERMAN HEMATOLOGY RESEARCH MSN HS-MED MEDICINE	HEMATOLOGY (133-7667)	35.00
129.	ARMCO, INC KANSAS CITY, MO NOISE CONTROL INVESTIGATION IN TUBULAR WIRE STRAND MACHINES MSN ENGR ENGR EXPER STA MECH ENGR	(133-8665)	6,100.00
130.	WILDLIFE MANAGEMENT INSTITUTE WASHINGTON, DC COOPERATIVE WILDLIFE RESEARCH MSN AG&LSC NAT RESOURCES	WLIFE ECOL (133-8821)	500.00

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131.	SUPPORT CANCER RESEARCH IN THE CLINICAL CANCER CENTER MSN HS-MED HUMAN ONCOLOGY	(133-9268)	
	50.00	MULTIPLE DONORS IN MEMORY OF PEARL KELROY, FOND DU LAC, WI	
	85.00	MULTIPLE DONORS IN MEMORY OF JACK THOMPSON	
	25.00	MULTIPLE DONORS IN MEMORY OF LOIS THOMPSON	
	10.00	MULTIPLE DONORS IN HONOR OF MR. AND MRS. FRANCIS SCHWEINLER	
	5.00	MULTIPLE DONORS IN MEMORY OF CARYLL MILLIREN	
	175.00	MULTIPLE DONORS IN MEMORY OF SARAH J. KRONCKE	
			350.00
132.	MINNESOTA MINING & MANUFACTURING COMPANY ST. PAUL, MN UNRESTRICTED RESEARCH GRANT MSN L&S CHEMISTRY	(133-9486)	2,500.00
133.	BRUNSWICK FOUNDATION SKOKIE, IL BRUNSWICK FOUNDATION FELLOWSHIP IN THE DEPARTMENT OF MECHANICAL ENGINEERING MSN ENGR ENGR EXPER STA MECH ENGR	(133-9631)	3,717.00
134.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY RESEARCH CENTER OPERATING GRANT MSN ENGR ENGR EXPER STA MECHANICS	(133-9653)	7,585.91
135.	ENGINEERING EXPERIMENT STATION DIRECTOR'S DISCRETIONARY ACCOUNT MSN ENGR ENGR EXPER STA ADMIN	(133-9890)	
	691.20	HEWLETT PACKARD PALO ALTO, CA	
	900.00	ARMCO, INC KANSAS CITY, MO	
	50.00	WILLIAM LANS SONS COMPANY SOUTH BELOIT, IL	
	500.00	LIQUID CARBONIC CORPORATION CHICAGO, IL	
			2,141.20

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STUDENT AID

- | | | | |
|-----|--|------------|-----------|
| 1. | DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
INDIAN EDUCATION FELLOWSHIP
FOR THE PERIOD 09-01-78 THROUGH 07-31-79
AWARD # G007803321, MOD. 1
MSN LAW LAW SCHOOL | (144-M294) | 11,117.00 |
| 2. | DHEW, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
PREDOCTORAL FELLOWSHIP AWARD (REDUCTION DUE
TO EARLY TERMINATION OF FELLOW)
FOR THE PERIOD 09-01-78 THROUGH 08-31-78
AT A TOTAL COST OF \$1,825.00
AWARD # 5 F31 MH07225-02, MOD. 1
MSN GRAD MEDICAL SCHOOL ANATOMY | (144-L896) | 5,075.00- |
| 3. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
ESTHER F. BUTT SCHOLARSHIP IN THE
DEPARTMENT OF HISTORY
MSN G SERV FELLOWS & SCHOLS | (133-A558) | 2,000.00 |
| 4. | AGRICULTURAL DEVELOPMENT COUNCIL
NEW YORK, NY
FELLOWSHIP SUPPLEMENTAL ALLOWANCE
MSN L&S SPECIAL PROJECTS CTR DVLPMNT | (133-A577) | 4,866.00 |
| 5. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
SCHOLARSHIP FOR JUNIOR OR SENIOR IN MECHANICAL
ENGINEERING
MSN G SERV FELLOWS & SCHOLS | (133-A721) | 1,600.00 |
| 6. | PILLSBURY COMPANY FOUNDATION
MINNEAPOLIS, MN
SCHOLARSHIPS IN FOOD SCIENCE AND NUTRITION
MSN AG&LSC ADM-RESID INSTR | (133-C582) | 1,000.00 |
| 7. | STANDARD OIL COMPANY OF CALIFORNIA
SAN FRANCISCO, CA
CHEMICAL ENGINEERING FELLOWSHIP
MSN ENGR CHEMICAL ENGR | (133-0814) | 7,085.00 |
| 8. | GREEN TREE GARDEN CLUB
MILWAUKEE, WI
ALDO LEOPOLD UNDERGRADUATE SCHOLARSHIP
MSN AG&LSC ADM-RESID INSTR | (133-0976) | 1,000.00 |
| 9. | MILWAUKEE FOUNDATION
MILWAUKEE, WI
SCHOLARSHIP IN ACTUARIAL SCIENCE
MSN BUS BUSINESS, SCH OF | (133-1085) | 1,250.00 |
| 10. | UNIVERSITY OF WISCONSIN FOUNDATION, MADISON,
REPRESENTING A TRANSFER OF FUNDS FROM
ALEXANDER GRANT & COMPANY, CHICAGO, IL
ALEXANDER GRANT ACCOUNTING SCHOLARSHIP
MSN BUS BUSINESS, SCH OF | (133-2971) | 250.00 |

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11.	INDEPENDENT INSURANCE AGENTS OF WISCONSIN MADISON, WI SCHOLARSHIP IN THE SCHOOL OF BUSINESS MSN BUS BUSINESS, SCH OF	(133-2977)	1,000.00
12.	GRADUATE SCHOOL OF BANKING MADISON, WI GRADUATE SCHOOL OF BANKING SCHOLARSHIP FUND MSN BUS BUSINESS, SCH OF	(133-3821)	975.00
13.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LEROY J. BURLINGAME MEMORIAL SCHOLARSHIP IN THE LAW SCHOOL MSN G SERV FELLOWS & SCHOLS	(133-4117)	770.00
14.	HARRY J. GRANT FOUNDATION MILWAUKEE, WI SCHOOL OF JOURNALISM AND MASS COMMUNICATION SCHOLARSHIP AID MSN L&S JOURN&MASS COMM	(133-4740)	6,000.00
15.	MCGLADREY, HANSEN, DUNN & COMPANY DAVENPORT, IA I.R. MCGLADREY ACCOUNTANCY AWARD MSN G SERV FELLOWS & SCHOLS	(133-5280)	250.00
16.	PUBLIC EXPENDITURE RESEARCH FOUNDATION MADISON, WI PUBLIC EXPENDITURE RESEARCH FOUNDATION FELLOWSHIP IN THE GRADUATE SCHOOL OF BUSINESS MSN BUS BUSINESS, SCH OF	(133-7116)	4,580.00
17.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STEPHENSON SCHOLARSHIP FUND MSN G SERV FELLOWS & SCHOLS	(133-7526)	250.00
18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANTON L. SMONGESKI SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-7691)	1,550.00
19.	CPA WIVES OF SOUTHERN WISCONSIN MADISON, WI SCHOLARSHIP OR GRANT-IN-AID TO BE MADE TO A STUDENT MAJORING IN ACCOUNTING AND INFORMATION SYSTEMS AND SELECTED BY THAT DEPARTMENT MSN BUS BUSINESS, SCH OF	(133-7712)	200.00
20.	FIRST WISCONSIN NATIONAL BANK OF MADISON TRUSTEES OF THE TRUST BY THE WILL OF ESTHER RHEA NICKERSON MADISON, WI FRANK AND ESTHER RHEA NICKERSON MEMORIAL SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-8354)	1,393.87

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- 21. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
GWYNETTE E. SMALLEY MEMORIAL SCHOLARSHIP FUND
MSN G SERV FELLOWS & SCHOLS (133-8713) 1,400.00
- 22. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
SCHOOL OF NURSING SCHOLARSHIP FUND
MSN G SERV FELLOWS & SCHOLS (133-8872) 100.00
- 23. AGRICULTURAL DEVELOPMENT COUNCIL
NEW YORK, NY
DISCRETIONARY ACCOUNT TO DEFRAY COST OF
ADMINISTERING FELLOWSHIPS FROM PAKISTAN,
BANGLADESH AND INDONESIA
MSN L&S SPECIAL PROJECTS CTR DVLPMT (133-9500) 241.50

TOTAL MADISON

10,535,777.43
=====

INSTRUCTION	2,511,253.88
LIBRARIES	3,368.89
MISCELLANEOUS	598,398.72
RESEARCH	7,378,952.57
STUDENT AID	43,803.37

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1979

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. LAWRENCE GUSTIN
MILWAUKEE, WI
GIFT OF ONE COPY OF "THE DYE, ONCE CAST"
DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
2. ROBERT MCLEAN
MILWAUKEE, WI
GIFT OF THREE VOLUMES DONATED TO THE UWM
LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
3. MILDRED LORENZ
MILWAUKEE, WI
GIFT OF ONE HUNDRED EIGHTY-SIX (186) CLASSICAL
RECORDS DONATED TO THE UWM LIBRARY IN MEMORY OF
CARL A. LANGF.
AWARD # NONE
MIL LIBR LIBRARY
4. ARNOLD POLISKY
MILWAUKEE, WI
GIFT OF FORTY-EIGHT (48) BIBLIOGRAPHIC ITEMS
DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
5. AMERICAN APPRAISAL CO.
MILWAUKEE, WI
GIFT OF FOUR HUNDRED FIFTY-FOUR (454)
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
6. ROBERT TURNER, JR.
MILWAUKEE, WI
GIFT OF "WHITE HOUSE CONFERENCE ON THE HUMANITIES:
JOINT HEARINGS..." 2 VOLUMES DONATED TO THE UWM
LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
7. JOHNSON CONTROLS, INC.
MILWAUKEE, WI
GIFT OF SIX BIBLIOGRAPHIC ITEMS DONATED TO THE
UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
8. FLORENCE WALZL
MILWAUKEE, WI
GIFT OF NINETY-NINE (99) BIBLIOGRAPHIC ITEMS
DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

9. J. JUNE GROMMES
MILWAUKEE, WI
GIFT OF TWO HUNDRED FOUR (204) BIBLIOGRAPHIC
ITEMS DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
10. ESTHER RITZ
MILWAUKEE, WI
GIFT OF TWO HUNDRED NINETY-THREE (293)
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM
LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
11. THERESA DELAURETIS
NEW YORK, NY
GIFT OF THREE HUNDRED ELEVEN (311) BIBLIOGRAPHIC
ITEMS DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
12. JAMES M. VILLENEUVE
MILWAUKEE, WI
GIFT OF NINETY-TWO (92) BIBLIOGRAPHIC ITEMS
DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
13. JOHN WALDMER
MILWAUKEE, WI
GIFT OF NINE VOLUMES DONATED TO THE UWM
LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
14. VERNA L. NEWSOME
MILWAUKEE, WI
GIFT OF EIGHT HUNDRED NINETY-SIX (896)
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
15. MICHAEL CONNOR
CUDAHY, WI
GIFT OF SIX BIBLIOGRAPHIC ITEMS DONATED TO
THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
16. RONALD J. ROSS
MILWAUKEE, WI
GIFT OF SEVEN BIBLIOGRAPHIC ITEMS DONATED
TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

17. HELMUT SUMM
MILWAUKEE, WI
GIFT OF OUR HARDBOUND VOLUMES DONATED TO THE
UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
18. JAMES D. MATCHETTE
MILWAUKEE, WI
GIFT OF ONE COPY OF "GUIDE TO CAPTURED GERMAN
DOCUMENTS" DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
19. EDMOND LOK
MILWAUKEE, WI
GIFT OF FOUR VOLUMES DONATED TO THE UWM
LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
20. DR. LEE BOWKER
MILWAUKEE, WI
GIFT OF EIGHT VOLUMES DONATED TO THE UWM
LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
21. LYNN SAUBERT
MILWAUKEE, WI
GIFT OF ONE HUNDRED TWENTY-NINE (129)
VOLUMES DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
22. GALE TOLWIN
MILWAUKEE, WI
GIFT OF ONE HUNDRED THIRTY-SEVEN (137)
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
23. EMERITUS DOROTHY MEREDITH
MILWAUKEE, WI
GIFT OF ANNUAL REPORT ON ADMINISTRATION OF
CHOSEN 1933-34 DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
24. IRENE STEEGER
MILWAUKEE, WI
GIFT OF ONE VOLUME DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

25. ALFRED SIEWERT
MILWAUKEE, WI
GIFT OF VARIOUS ARCHITECTURAL VOLUMES AND
PERIODICALS DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
26. MILWAUKEE AREA TECHNICAL COLLEGE
MILWAUKEE, WI
GIFT OF FIFTY-FOUR (54) BIBLIOGRAPHIC ITEMS
DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
27. DIVINE SAVIOR HOLY ANGELS HIGH SCHOOL
MILWAUKEE, WI
GIFT OF THIRTY-NINE (39) BIBLIOGRAPHIC ITEMS
DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
28. CATHERINE CONWAY
MILWAUKEE, WI
GIFT OF SIX VOLUMES DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
29. WISCONSIN TELEPHONE BUSINESS RESEARCH
MILWAUKEE, WI
GIFT OF THREE HUNDRED NINETY-TWO (392)
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM
LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
30. AUDREY BRENNY
MILWAUKEE, WI
GIFT OF SEVENTY-ONE (71) BIBLIOGRAPHIC ITEMS
DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
31. MRS. L. H. KIRKENDALL
C/O BILL TREIBLE
MILWAUKEE, WI
GIFT OF ONE HUNDRED FIFTEEN (115) VOLUMES
DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
32. ELIZABETH KRUEGER
MILWAUKEE, WI
GIFT OF EIGHTY (80) BIBLIOGRAPHIC ITEMS DONATED
TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

33. JOHN BIBBY
MILWAUKEE, WI
GIFT OF FORTY-SIX (46) BIBLIOGRAPHIC ITEMS
DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
34. CONSTANCE CARMODY
MOUNT HOPE, WI
GIFT OF TWO HUNDRED THIRTY-FOUR (234)
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
35. MRS. JOHN W. CASEY
MILWAUKEE, WI
GIFT OF ONE HUNDRED FORTY (140) BIBLIOGRAPHIC
ITEMS DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
36. PELAYO H. FERNANDEZ
UNIVERSITY OF NEW MEXICO
ALBUQUERQUE, NM
GIFT OF ONE COPY OF "ESTUDIOS SOBRE RAMON PEREZ
DE AYALA" DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
37. MR. RAY NEWMAN
CAMPBELL, NEWMAN, POTTINGER & ASSOCIATES, INC.
MILWAUKEE, WI
GIFT OF FIVE VOLUMES DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
38. ANN DOWNER
MILWAUKEE, WI
GIFT OF SIX VOLUMES DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
39. MR. KENNETH E. TOOMBS
UNIVERSITY OF SOUTH CAROLINA
COLUMBIA, SC
GIFT OF TWO COPIES, ONE HAND-COLORED AND ONE
BLACK & WHITE, OF THE 1922 "MAP OF SOUTH CAROLINA"
BY JOHN WILSON DONATED TO THE UWM LIBRARY AS THE
FIRST GIFT TO THE AGES COLLECTIONS AS UWM.
AWARD # NONE
MIL LIBR LIBRARY
40. WISCONSIN GAS COMPANY
MILWAUKEE, WI
GIFT OF NINETY-FIVE (95) BIBLIOGRAPHIC ITEMS
DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

41. MANUEL GOTTLIEB
MILWAUKEE, WI
GIFT OF ONE THOUSAND FORTY-FIVE (1,045)
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
42. ROBERTO NODAL
MILWAUKEE, WI
GIFT OF ONE COPY OF "SANCTIONS AGAINST SOUTH
AFRICA" DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
43. JOHN SNEDEKER
MILWAUKEE, WI
GIFT OF ONE COPY OF "SCHOTT OPTICAL GLASS"
DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
44. DANIEL NEESLEY
GLENDALE, WI
GIFT OF SEVENTY-TWO (72) BRASS QUINTETS DONATED
TO THE UWM SCHOOL OF FINE ARTS
AWARD # NONE
MIL F ARTS MUSIC
45. MRS. LEO A. BRODZELLER
WAUWATOSA, WI
GIFT OF PORTABLE WHEELCHAIR, SERIAL #8693,
AMERICAN WHEELCHAIR CO. DONATED TO THE UWM
SCHOOL OF NURSING.
AWARD # NONE
MIL NURS NURSING
46. PATRICIA ZETTING
PEWAUKEE, WI
GIFT OF ONE HUNDRED EIGHTY-NINE (189)
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM
LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
47. JOHNSON CONTROLS, INC.
MILWAUKEE, WI
GIFT OF NINE BIBLIOGRAPHIC ITEMS DONATED
TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
48. ROLAND STROMBERG
MILWAUKEE, WI
GIFT OF TWO ISSUES OF "RELATIONS INTERNATIONALES"
DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

49. DR. WERNER A. BAUM
MILWAUKEE, WI
GIFT OF TWO BIBLIOGRAPHIC ITEMS DONATED TO
THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
50. BETTY REN WRIGHT FREDERIKSEN
KENOSHA, WI
GIFT OF TWENTY VOLUMES DONATED TO THE UWM
LIBRARY
AWARD # NONE
MIL LIBR LIBRARY
51. HERBERT SPIESS
MILWAUKEE, WI
GIFT OF SIX HUNDRED TWENTY-SEVEN (627)
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM
LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
52. DIVINE SAVIOR HOLY ANGELS HIGH SCHOOL
MILWAUKEE, WI
GIFT OF VARIOUS BIBLIOGRAPHIC ITEMS DONATED
TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
53. ROBERT ROEMING
NASHOTAH, WI
GIFT OF ONE ISSUE OF "DRUCK UND PAPIER" DONATED
TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
54. WILLIAM C. ROSELLE
THIENSVILLE, WI
GIFT OF ONE COPY "GIVE CHILDREN THE BEST" DONATED
TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY

INSTRUCTION

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, D.C.
IN SUPPORT OF THE FOLLOWING:
- 1) SPECIAL SERVICES FOR DISADVANTAGED STUDENTS
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
AWARD # G007804677
MIL SS&S P STUDENT SERVICES AST CHNCLR (144-M315) 80,512.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

- 2) THE MIDWEST DESEGREGATION ASSISTANCE CENTER -
NATIONAL ORIGIN
FOR THE PERIOD 10-01-78 THROUGH 06-30-79
AWARD # G0078C0145
MIL EDUC CULTURAL FDNS-ED (144-M332) 240,511.00
- 3) INSTRUCTIONAL MODEL DEVELOPMENT FOR OCCUPATIONAL
THERAPY IN THE PUBLIC SCHOOLS
FOR THE PERIOD 10-01-78 THROUGH 05-31-79
AWARD # G007804958
MIL A H P OCCUP THERAPY (144-M339) 15,000.00
2. OHIO STATE UNIVERSITY
RESEARCH FOUNDATION
COLUMBUS, OHIO
PRIME CONTRACTOR WITH DHEW OHD
ASSESSING TRAINING NEEDS IN THE CHILD WELFARE
AGENCY: A HOW TO PACKAGE
FOR THE PERIOD 08-28-78 THROUGH 06-30-79
MIL S WELF SOCIAL WELFARE ADV ST-H S (144-M179) 37,281.00
3. DHEW, PHS, HEALTH RESOURCES ADMIN.
HYATTSVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) NURSING CAPITATION GRANT
FOR THE PERIOD 07-01-78 THROUGH 06-30-80
AWARD # 2E04NU01481-07
MIL NURS NURSING (144-M340) 109,145.00
- 2) OCCUPATIONAL THERAPY TRAINING IN ARTHRITIS
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 1 D12 AH90149-01
MIL A H P ADMINISTRATION ADMIN (144-M341) 81,056.00
4. ENERGY RESEARCH AND DEVELOPMENT ADMIN.
OAK RIDGE, TENNESSE
ERDA GRADUATE TRAINEESHIPS IN ENERGY CONSERVATION
FIELD
FOR THE PERIOD 08-14-78 THROUGH 08-31-79
AWARD # EU-78-S-05-6017
MIL GRAD DEANS OFFICE ADMIN (144-M288) 14,800.00
5. SOUTHEASTERN WISCONSIN REGIONAL PLANNING
COMMISSION
WAUKESHA, WI
PRIME CONTRACTOR WITH HUD
HUD 701 WORK STUDY PROGRAM
FOR THE PERIOD 08-01-78 THROUGH 07-31-79
MIL ARC&UP URBAN PLANNING (144-M302) 28,180.00
6. DEPARTMENT OF JUSTICE, LAW ENFORCEMENT ASSISTANCE
ADMINISTRATION
WASHINGTON, DC
TECHNICAL ASSISTANCE RESOURCE CENTER
FOR THE PERIOD 04-01-78 THROUGH 12-31-78
AWARD # 78-TA-AX-0021-S-1
MIL S WELF SOCIAL WELFARE ADV ST-H S (144-M396) 14,808.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

- | | | |
|----|---|------------|
| 7. | MILWAUKEE COUNTY
MILWAUKEE, WI
PRIME CONTRACTER WITH LABOR
EXPERIMENTAL YOUTH EMPLOYMENT AND TRAINING
PROJECT
FOR THE PERIOD 03-15-78 THROUGH 09-30-78
AWARD # 78-P325
MIL A H P ADMINISTRATION ADMIN (144-L417) | 19,572.00- |
| 8. | WISCONSIN SOCIETY FOR JEWISH LEARNING, INC.
MILWAUKEE, WISCONSIN
FURTHER DEVELOPMENT OF OFFERINGS IN THE DEPARTMENT
OF HEBREW STUDIES
MIL L&S HEBREW STU (133-B757) | 3,072.49 |
| 9. | WISCONSIN STATE COUNCIL ON ECONOMIC EDUCATION
MILWAUKEE, WI
SUPPORT OF ECONOMIC EDUCATION PROGRAM DEVELOPMENT
AND RELATED ACTIVITY
MIL L&S ECONOMIC EDUC ECON EDUC (133-4849) | 4,800.00 |

LIBRARIES

- | | | |
|----|--|-----------|
| 1. | ESTATE OF DAVID R. KOTVIS, MILWAUKEE, WI.
REPRESENTING PROCEEDS OF INSURANCE POLICIES
PAYABLE TO THE UW-MKE LIBRARY TO ESTABLISH THE
DAVID R. KOTVIS TRUST FUND. BOTH PRINCIPAL AND
INCOME SHALL BE AVAILABLE FOR USE AT DISCRETION OF
DIRECTOR OF UW-MKE LIBRARY FOR SUPPORT OF PROGRAMS
ACQUISITIONS AND PUBLICATIONS IN SUPPORT OF THE
VARIOUS ACTIVITIES AND SERVICES OF THE
UW-MKE LIBRARY
MIL (TRUST) | 20,838.39 |
| 2. | DEPARTMENT OF HEALTH, EDUCATION, & WELFARE
OFFICE OF EDUCATION
WASHINGTON, D.C.
COLLEGE LIBRARY RESOURCES PROGRAM
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007852421
MIL LIBR LIBRARY (144-M222) | 3,906.00 |
| 3. | R.R. BOWKER COMPANY
NEW YORK, N.Y.
"DISCRETIONARY ACCOUNT"
MIL LIB SC LIBRARY SCIENCE (133-9316) | 28.80 |
| 4. | UWM FOUNDATION
MILWAUKEE, WI
UW MILWAUKEE LIBRARY DEVELOPMENT FUND
MIL LIBR LIBRARY (133-8383) | 3,000.00 |

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - MILWAUKEE

MISCELLANEOUS

- | | | | |
|----|---|------------|-----------|
| 1. | WISCONSIN JOB SERVICE
MILWAUKEE, WI
COOPERATIVE AGREEMENT TO PROVIDE PLACEMENT
SERVICES
FOR THE PERIOD 04-01-78 THROUGH 10-01-78
MIL ADM AF STAFF SERVICES DIR OFFICE | | |
| 2. | WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTER WITH NEH
WOMEN IN PATRIARCHAL RELIGIONS
FOR THE PERIOD 09-15-78 THROUGH 12-01-78
AWARD # G-FY78-42(I)
MIL L&S HISTORY | (144-M375) | 2,193.00 |
| 3. | WISCONSIN DIVISION UNITED NATIONS ASSOCIATION
SUPPORT FOR ADMINISTRATION OF ACTIVITIES AND
PROGRAMS OF THE GOVERNOR'S COMMISSION ON THE
U.N. AND WISCONSIN DIVISION, UNAM/USA
MIL URBN O INSTIT WORLD AFF | (133-A408) | 500.00 |
| 4. | VARIOUS DONORS
MILWAUKEE WI
MULTI-LINGUAL CONFERENCE
MIL L&S LANGUAGE LABS | (133-A489) | 2,825.00 |
| 5. | UWM ALUMNI ASSOCIATION
MILWAUKEE, WI
ALUMNI ASSOCIATION ACCOUNT
MIL U REL ASST CHAN OFFICE | (133-B794) | 750.00 |
| 6. | CORPORATION FOR PUBLIC BROADCASTING
WASHINGTON, D.C.
MINORITY TRAINING GRANTS
MIL L&S MASS COMMUNICATN WUWM-GEN | (133-B815) | 7,995.00 |
| 7. | OPTIONS IN EDUCATION-NATIONAL PUBLIC RADIO
WASHINGTON, D.C.
WUWM - PROMOTION FOR OPTIONS IN EDUCATION
CARNEGIE, 1978-79.
MIL L&S MASS COMMUNICATN WUWM-GEN | (133-B816) | 1,302.50 |
| 8. | NORTHWESTERN MUTUAL LIFE INSURANCE CO.
MILWAUKEE, WI
CONTRIBUTION IN GENERAL SUPPORT OF WORK OF
CENTER FOR ECONOMIC EDUCATION
MIL L&S ECONOMIC EDUC ECON EDUC | (133-5160) | 300.00 |
| 9. | LIPPINCOTT (J B) COMPANY
CONTINUED DEVELOPMENT OF THE PROGRAM OF THE UWM SC
HOOLOF NURSING
MIL NURS NURSING | (133-7653) | 11,231.65 |

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

1. AGRICULTURE, DEPT. OF
ARLINGTON, VA
IRON AND SULFUR IN THE PHOTOSYNTHETIC APPARATUS
(ELECTRON TRANSFER MECHANISMS OF HIGH POTENTIAL
IRON-SULFUR PROTEINS)
FOR THE PERIOD 09-26-78 THROUGH 09-30-80
AWARD # 5901-0410-8-0156-0
MIL L&S CHEMISTRY (144-M399) 40,000.00
2. DHEW, OFFICE OF HUMAN DEVELOPMENT
WASHINGTON, DC
REGION V CHILD ABUSE AND NEGLECT RESOURCE CENTER
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
MIL S WELF SOCIAL WELFARE ADV ST-H S (144-M180) 377,590.00
3. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
METAL COMPLEXES OF KNOWN ANTITUMOR AGENTS
FOR THE PERIOD 08-01-78 THROUGH 07-31-79
AWARD # CA22194
MIL L&S CHEMISTRY (144-M112) 35,788.00
4. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH
HYATTSVILLE, MD.
RESEARCH DEVELOPMENT GRANT
FOR THE PERIOD 09-20-78 THROUGH 09-19-79
AWARD # 5 R01 NU-00648-02
MIL NURS NURSING (144-M236) 115,254.00
5. DOD, AIR FORCE
BOLLING AIR FORCE BASE, D.C.
SURFACE WAVE INVESTIGATION OF SUPERCONDUCTING
ALLOYS
FOR THE PERIOD 10-01-75 THROUGH 09-30-78
AWARD # AFOSR 76 2893 B
MIL L&S PHYSICS (144-H141) 49,973.00
6. BATTELLE PACIFIC NORTHWEST LABORATORIES
RICHLAND, WASHINGTON
PRIME CONTRACTOR WITH DOE
UNDERGROUND COMPRESSED AIR ENERGY STORAGE, ROCK
MECHANICS AND GEOLOGY, STEP III
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # B-21286-A-K
MIL L&S GEOLOGICAL SCI (144-M400) 62,000.00
7. DEPARTMENT OF ENERGY
WASHINGTON, D.C.
ATTENUATION OF RADIOLOGICAL CONSEQUENCES FROM
CORE DISRUPTIVE ACCIDENTS BY RADIATION HEAT
TRANSFER.
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # FY-76-S-02-4040
MIL ENG&AS ENERGETICS (144-M293) 57,000.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

8. INTERIOR, DEPT. OF
WASHINGTON, D.C.
SUPERIOR UPLAND NATURAL REGION THEME STUDY
FOR THE PERIOD 10-01-78 THROUGH 09-30-80
AWARD # C-9208(78)
MIL L&S BOTANY (144-M342) 35,000.00
9. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, D.C.
IN SUPPORT OF THE FOLLOWING:
- 1) THE NICHOLS FILE OF THE GENTLEMAN'S MAGAZINE
(ATTRIBUTIONS OF AUTHORSHIP AND OTHER DOCUMENTA-
TION IN EDITORIAL PAPERS AT THE FOLGER LIBRARY)
FOR THE PERIOD 10-01-78 THROUGH 08-31-79
AWARD # RT-31537-78-1457
MIL L&S ENGLISH (144-M291) 32,663.00
- 2) ASIAN ART, RELIGION AND CULTURE AT THE
UNIVERSITY OF WISCONSIN-MILWAUKEE
FOR THE PERIOD 11-01-78 THROUGH 06-30-79
AWARD # PM-34518-78-1550
MIL F ARTS ART GALLERY (144-M406) 24,900.00
10. SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE
CARBONDALE, IL
PRIME CONTRACTOR WITH NSF
SPATIO-TEMPORAL PATTERNS OF FOREST ECOSYSTEMS IN
MAN-DOMINATED LANDSCAPES
FOR THE PERIOD 09-01-78 THROUGH 02-28-81
AWARD # DEB78-11338
MIL L&S BOTANY (144-M191) 52,174.00
11. WISCONSIN ELECTRIC POWER COMPANY
MILWAUKEE, WISCONSIN
IDENTIFICATION OF FISH EGGS AND FISH LARVAE
FROM LAKE MICHIGAN, POINT BEACH NUCLEAR
POWER PLANT
AWARD # D47100
MIL L&S ZOOLOGY (133-A453) 20.00
12. ELECTRIC POWER RESEARCH INSTITUTE
PALO ALTO, CA
THE EFFECTS OF CHLORINE ON FRESHWATER FISH UNDER
VARIOUS TIME AND CHEMICAL EXPOSURES
AWARD # RP1435-1
MIL GRAD GT LKS STU CTR F GT LKS STU (133-B818) 30,000.00
13. WISCONSIN DEPARTMENT OF NATURAL RESOURCES
MADISON, WI
AN ARCHAEOLOGICAL SURVEY OF THE PIKES LAKE STATE
BEACH DEVELOPMENT SITE.
AWARD # PONRI95724
MIL L&S ANTHROPOLOGY (133-B822) 753.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

- | | | | |
|-----|--|------------|----------|
| 14. | AMERICAN CANCER SOCIETY-MILWAUKEE DIVISION
MILWAUKEE, WI
ZINC DEFICIENCY INDUCED LESIONS IN EHRlich
ASCITES CANCER CELL METABOLISM.
MIL L&S CHEMISTRY | (133-8823) | 5,040.00 |
| 15. | INTERNATIONAL COPPER RESEARCH ASSOCIATION
NEW YORK, NEW YORK
A CRITICAL EVALUATION OF PHASE DIAGRAMS AND THERMO
DYNAMIC DATA FOR TERNARY AND HIGHER ORDER COPPER
ALLOY SYSTEMS. (AT A TOTAL COST OF \$142,500.00)
MIL ENG&S MATERIALS | (133-8870) | 9,562.11 |
| 16. | WISCONSIN SOCIETY FOR JEWISH LEARNING
MILWAUKEE, WI
DEFRAY COST OF RESEARCH PROJECTS IN THE DEPARTMENT
OF HEBREW STUDIES
MIL L&S HEBREW STU | (133-9164) | 1,000.00 |
| 17. | STRUCTURAL CONTRACT WORK
MIL ENG&S CIVIL ENGINEERG | (133-9372) | |
| | 167.00 COMPUTERIZED STRUCTURAL DESIGN
MILWAUKEE, WI
1,060.00 JAMES M. FISHER
MILWAUKEE, WI | | 1,227.00 |
| 18. | VILTER MANUFACTURING CORP.
MILWAUKEE, WI
ENERGY AND ENVIRONMENTAL QUALITY RESEARCH
MIL ENG&S ENERGETICS | (133-9449) | 700.00 |

STUDENT AID

- | | | | |
|----|--|------------|-----------|
| 1. | STATE AID
WASHINGTON, DC
CONTRACT FOR PARTICIPANT TRAINING
FOR THE PERIOD 01-01-78 THROUGH 08-31-78
AWARD # AID/IT-C-3533
MIL GRAD DEANS OFFICE ADMIN | (144-M066) | 1,918.25 |
| 2. | JUSTC, LAW ENFORCEMENT ASSISTANCE ADM
WASHINGTON, D.C.
LAW ENFORCEMENT EDUCATION PROGRAM INSTITUTIONAL
APPLICATION
FOR THE PERIOD 08-01-78 THROUGH 07-31-79
AWARD # 78LPAX0706
MIL SS&S P STUDENT SERVICES FIN AID | (144-M243) | 92,580.00 |
| 3. | UWM FOUNDATION
MILWAUKEE, WI
MUSIC SCHOLARSHIP
MIL F ARTS MUSIC | (133-A498) | 14,309.52 |

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

STUDENT AID

4.	UWM-FOUNDATION MILWAUKEE, WI SCHOLARSHIPS FOR EMPLOYEES REQUESTED TO TAKE GRADUATE CREDIT AND DISADVANTAGED STUDENTS AT THE UNDERGRADUATE AND GRADUATE LEVELS. MIL SS&S P STUDENT SERVICES PROG DEVEL (133-8740)	1,960.06
5.	UWM FOUNDATION MILWAUKEE, WI ARTHUR YOUNG & COMPANY EMPLOYEES SCHOLARSHIP MIL BUS AD ADMINISTRATION (133-8819)	1,000.00
6.	UWM FOUNDATION MILWAUKEE, WI PEAT MARWICK MITCHELL FOUNDATION SCHOLARSHIP MIL BUS AD ADMINISTRATION (133-8820)	500.00
7.	UWM FOUNDATION MILWAUKEE, WI ARTHUR ANDERSEN & COMPANY SCHOLARSHIP MIL BUS AD ADMINISTRATION (133-8821)	1,250.00
8.	DOROTHY ROSS PAIN MILWAUKEE, WI SCHOLARSHIPS - MUSIC DEPARTMENT MIL F ARTS ADMINISTRATION ADMIN (133-5060)	25.00
9.	FORGING INDUSTRY EDUCATIONAL & RESEARCH FOUNDATION CLEVELAND, OHIO FORGING INDUSTRY EDUCATIONAL AND RESEARCH FOUNDATION GRANT MIL ENG&AS MATERIALS (133-6356)	2,500.00
10.	UWM ATHLETIC GRANT-IN-AID MIL SS&S P ATHLETICS ADMIN (133-6363)	
	1,000.00 ALLIS-CHALMERS MILWAUKEE, WI	
	1,000.00 MGIC INVESTMENT CORPORAION MGIC PLAZA MILWAUKEE, WI	
		2,000.00
11.	U.W. FOUNDATION MILWAUKEE, WI ROBERT F. KENNEDY FUND MIL SS&S P STUDENT SERVICES FIN AID (133-6620)	200.00
12.	VARIOUS DONORS HUMAN RESOURCES DEVELOPMENT FUND MIL SS&S P STUDENT SERVICES FEL&SCHOLS (133-7114)	119.00
13.	OFFICE OF THE DEAN OF STUDENTS UNIVERSITY OF WISCONSIN-MILWAUKEE MILWAUKEE, WI UWM JOHN F KENNEDY MEMORIAL FUND TO BE USED TO PROVIDE AWARDS OR GRANTS TO OUTSTANDING UWM STUDENTS MIL SS&S P STU ORGANIZATNS ADMINSTRTV (133-8930)	130.00
	TOTAL MILWAUKEE	<u>1,713,579.77</u>
	INSTRUCTION	609,593.49
	LIBRARIES	27,773.19
	MISCELLANEOUS	27,087.15
	RESEARCH	930,634.11
	STUDENT AID	118,491.83

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - GREEN BAY

INSTRUCTION

1. UNIVERSITY OF WASHINGTON
SEATTLE, WA
PRIME CONTRACTOR WITH DOE
CITIZEN'S WORKSHOP PRESENTATIONS ON ENERGY AND
THE ENVIRONMENT
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 376952
GBY ENV SC SCIE & ENVIRON CHG (144-M231) 1,500.00

LIBRARIES

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE LIBRARY RESOURCE PROGRAM FY78
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007850424
GB LIBR LIBRARY (144-M233) 3,906.00

MISCELLANEOUS

1. AFFILIATED STATE ARTS AGENCIES OF THE UPPER
MIDWEST
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
VISITING ARTIST PROGRAM
FOR THE PERIOD 09-01-78 THROUGH 06-30-79
AWARD # NONE
GBY I&U SV LECTS & PERFORMS (144-M239) 3,700.00

2. MULTIPLE DONORS
SPECIAL EVALUATION PROJECTS
GB O ED D ADMINISTRATION (133-A512) 125.00

3. MULTIPLE DONORS
SCHOOL SERVICES BUREAU
GBY COM PR SCH UNIV PROGS (133-C550) 207.50

RESEARCH

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
EXTENDED DEGREE COMPREHENSIVE ASSESSMENT PLAN
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007804968
GB O ED D ADMINISTRATION (144-M359) 98,561.00

2. RUSSELL H. MORIN PRODUCTS, LTD
TORONTO, ONTARIO, CANADA
PHYSICAL ANALYSIS OF HEAT TRANSFER QUALITIES
GBY H BIOL HUMAN ADAPTBLTY (133-C553) 3,318.00

3. BAUDHUIN AND SONS
STURGEON BAY, WI
SAWYER HARBOR WATER QUALITY FOR THE PERIOD
09-23-78 THRU 10-30-78
GBY ENV SC SCIE & ENVIRON CHG (133-C561) 529.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - GREEN BAY

RESEARCH

4.	EDDIE BAUER, INC REDMOND, WA STUDY OF COLD WEATHER PHYSIOLOGY AND EVALUATION OF PROTECTIVE GARMENTS GBY H BIOL HUMAN ADAPTABILITY	(133-7809)	23,900.00
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STUDENT AID

1.	GREEN BAY ENGINEERING CLUB GREEN BAY, WI STUDENT FINANCIAL AID FUND-UWGB GB ST AID FEL & SCHOL-ADG	(133-6986)	200.00
2.	MULTIPLE DONORS SOURCE OF FINANCIAL AID PAYMENTS TO STUDENT ATHLETES AT THE UNIVERSITY OF WISCONSIN-GREEN BAY WITHIN THE GUIDELINES PRESCRIBED BY THE NATIONAL COLLEGIATE ATHLETIC ASSOCIATION GBY STU SV FINANCIAL AIDS	(133-7213)	1,795.00

TOTAL GREEN BAY

	127,741.50
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INSTRUCTION	1,500.00
LIBRARIES	3,906.00
MISCELLANEOUS	4,032.50
RESEARCH	116,308.00
STUDENT AID	1,995.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - LACROSSE

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN ARTS BOARD
MADISON, WI
PRIME CONTRACTER WITH NEA
1978 SUMMER TOURING THEATRE
FOR THE PERIOD 05-01-78 THROUGH 09-15-78
AWARD # 4601-UWL-8T & 8TA
LAC L&S SPEECH & THEATRE (144-9125) 3,200.00
2. NATIONAL ENDOWMENT FOR THE ARTS
WASHINGTON, DC
1978 SUMMER TOURING THEATRE
AWARD # R80-53-537
LAC L&S SPEECH & THEATRE (144-9124) 6,000.00
3. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTER WITH NEH
SERIES OF DISCUSSIONS REGARDING EROTIC ART AND
THE LAW
FOR THE PERIOD 07-15-78 THROUGH 10-31-78
AWARD # G-FY78-15-K143 (P)
LAC D U O CTR-REGIONAL STU (144-5877) 300.00
4. WI DEPT OF NATURAL RESOURCES
MADISON, WI
EVALUATE DNR HUNTER SAFETY PROGRAM
FOR THE PERIOD 09-01-78 THROUGH 06-30-79
AWARD # 95497
LAC D U O CTR-REGIONAL STU (133-5816) 8,700.00
5. UW - LA CROSSE FOUNDATION
LA CROSSE, WI
DAYTON-HUDSON ARCHAEOLOGICAL DIG
LAC L&S SOCIOL & ANTHROP (133-8813) 25.00

GIFT-IN-KIND

1. LEIGHTON OYEN
LA CROSSE, WI
WATER COLOR AND OIL DESIGNS
LAC
2. DOW CHEMICAL COMPANY
MIDLAND, MI
PERKIN--EILMER INFRACORD SPECTROPHOTOMETER
LAC
3. DR. JAMES TANKERSLEY
LA CROSSE, WI
FOUR SAILS FOR UNIVERSITY'S M20 SAILBOAT
LAC
4. BAIER LANDSCAPE NURSERY
LA CROSSE, WI
TREES FOR LANDSCAPING CAMPUS
LAC

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - LACROSSE

GIFT-IN-KIND

5. SIPI METALS CORPORATION
MILWAUKEE, WI
400 LBS OF CASTING BRONZE
LAC
6. WISCONSIN POWER AND LIGHT
MADISON, WI
TWO PHILLIPS SULFUR DIOXIDE ANALYZERS FOR
CHEMISTRY DEPARTMENT
LAC

INSTRUCTION

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) EQUIPMENT FOR ART DEPARTMENT UNDER TITLE VI-A
OF THE HIGHER EDUCATION ACT
FOR THE PERIOD 06-28-78 THROUGH 06-30-79
AWARD # J007801583
LAC L&S ART (144-1110) 926.00
 - 2) SUPPORT OF GRADUATE EDUCATION IN PHYSICAL
EDUCATION FOR THE HANDICAPPED
FOR THE PERIOD 06-01-78 THROUGH 05-31-79
AWARD # G007801796
LAC H, PE&R SP POPULATN PRGS (144-2901) 30,000.00
 - 3) EQUIPMENT UNDER TITLE VI-A OF THE HIGHER
EDUCATION ACT
FOR THE PERIOD 06-28-78 THROUGH 06-30-79
AWARD # J007801583
LAC EDUC TEACHER EDUC (144-4503) 1,019.00
 - 4) COOPERATIVE EDUCATION PROGRAM
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
AWARD # G007801391
LAC D U O U-WIDE INTERN PR (144-5912) 37,000.00
 - 5) CCTV EQUIPMENT UNDER TITLE VI-A OF THE HIGHER
EDUCATION ACT
FOR THE PERIOD 06-28-78 THROUGH 06-30-79
AWARD # J007801821
LAC ACAD S AUDIOVISUAL SVCS AV SVCS (144-6208) 4,900.00
 - 6) EQUIPMENT FOR MASS COMMUNICATIONS UNDER TITLE VI-A
OF THE HIGHER EDUCATION ACT
FOR THE PERIOD 06-28-78 THROUGH 06-30-79
AWARD # J007801583
LAC L&S MASS COMMUN (144-6305) 2,090.00
 - 7) SPECIAL REMEDIAL EDUCATIONAL SERVICES TO
DISADVANTAGED STUDENTS
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
AWARD # G007803624
LAC STU AF ACAD SKILLS CTR (144-7700) 69,619.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - LACROSSE

INSTRUCTION

- 8) PRE-SERVICE TRAINING FOR SPECIAL EDUCATION
FOR THE PERIOD 06-01-78 THROUGH 05-31-79
AWARD # G007801481
LAC L&S PSYCHOLOGY (144-7852) 35,000.00
2. NATIONAL ENDOWMENT FOR THE ARTS
WASHINGTON, DC
BRING TWO PLAYWRIGHTS TO CAMPUS FOR READINGS
AND IN CLASS WORK
FOR THE PERIOD 01-15-78 THROUGH 12-31-78
AWARD # R80-52-53C
LAC L&S SPEECH & THEATRE (144-9126) 5,000.00
3. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
MIEVEAL WORLD CURRICULUM PROJECT
FOR THE PERIOD 10-01-78 THROUGH 07-31-79
AWARD # EN-32697-78-1165
LAC L&S COMMUNITY SERV (144-0500) 20,000.00

LIBRARIES

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
LIBRARY MATERIALS UNDER TITLE II-A OF THE
HIGHER EDUCATION ACT
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007851913
LAC ACAD S LIBRARY (144-5900) 3,906.00

MISCELLANEOUS

1. ACADEMY OF NATURAL SCIENCES
PHILADELPHIA, PA
PRIME CONTRACTOR WITH DOD ARMY
RENTAL CONTRACT FOR ACADEMY'S USE OF RIVER
STUDIES FACILITIES
FOR THE PERIOD 06-01-78 THROUGH 08-31-78
LAC L&S BIOLOGY (144-1636) 4,600.00
2. LA CROSSE COUNTY
LA CROSSE, WI
PRIME CONTRACTOR WITH LABOR
CETA TYPIST II
FOR THE PERIOD 09-01-78 THROUGH 02-28-79
AWARD # T-2PE-78-505
LAC ACAD S INST-MINORITY ST (144-0605) 4,330.00
3. LA CROSSE COUNTY
LA CROSSE, WI
PRIME CONTRACTOR WITH LABOR
CETA POSITION FOR MICROFILM PROJECT
FOR THE PERIOD 06-12-78 THROUGH 06-08-79
AWARD # T-2PE-78-928
LAC ACAD S MICROFILM SVCS MICROFLM S (144-6300) 7,645.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - LACROSSE

MISCELLANEOUS

4. LA CROSSE COUNTY
LA CROSSE, WI
PRIME CONTRACTOR WITH LABOR
TWO MAINTENANCE MECHANIC TRAINEES UNDER CETA
FOR THE PERIOD 08-01-78 THROUGH 03-31-79
AWARD # T2PE-78-505
LAC BUS SV PHY PLT PROJECTS (144-7703) 12,953.00
5. LA CROSSE COUNTY
LA CROSSE, WI
PRIME CONTRACTOR WITH LABOR
CETA STOCK CLERK I
FOR THE PERIOD 09-15-78 THROUGH 09-30-79
AWARD # T2PE-78-928
LAC H,PE&R MENS ATHLETICS (144-8900) 9,893.00
6. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
INTERGOVERNMENTAL PERSONNEL PROGRAM
FOR THE PERIOD 09-01-78 THROUGH 01-01-79
AWARD # DEB-77-24917
LAC EXEC D UNIV-WIDE SVCS (144-0831) 14,770.00
7. UW-LA CROSSE FOUNDATION
LA CROSSE, WI
STUDENT HELP SUPPORT FOR MEDIEVAL WORLD PROJECT
LAC L&S COMMUNITY SERV (133-0500) 1,500.00

RESEARCH

1. DOD, ARMY, CORPS OF ENGINEERS
ST. PAUL, MN
MICROBIOLOGICAL TESTING OF MISSISSIPPI RIVER
WATER SAMPLES
FOR THE PERIOD 09-11-78 THROUGH 03-31-79
AWARD # DACW3778M2578
LAC L&S BIOLOGY (144-1615) 4,080.00
2. GSA, NATIONAL HISTORICAL PUBLICATIONS AND
RECORDS COMMISSION
WASHINGTON, DC
BLACK ABOLITIONIST EDITORIAL PROJECT
FOR THE PERIOD 09-01-78 THROUGH 08-31-80
AWARD # 78-135
LAC ACAD S INST-MINORITY ST (144-0621) 26,772.00
3. GSA, NATIONAL HISTORIC PUBLICATIONS AND
RECORDS COMMISSION
WASHINGTON, DC
EDIT PAPERS OF NATIVE AMERICAN LEADER, CARLOS
MONTEZUMA
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # 78-87
LAC ACAD S INST-MINORITY ST (144-0627) 28,944.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - LACROSSE

RESEARCH

4. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
CONTINUE BLACK ABOLITIONIST EDITORIAL PROJECT
FOR THE PERIOD 09-01-78 THROUGH 08-31-80
AWARD # RE-29040-78-1121
LAC ACAD S INST-MINORITY ST (144-0620) 77,649.00
5. WI DEPT OF NATURAL RESOURCES
MADISON, WI
MONITORING AIR FOR POLLUTANTS
FOR THE PERIOD 07-01-77 THROUGH 09-30-78
AWARD # 8110
LAC L&S CHEMISTRY (133-2122) 1,723.00
6. WI DEPT OF NATURAL RESOURCES
MADISON, WI
STUDY ATTITUDES AND BEHAVIOR OF WISCONSIN
HUNTERS
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # 8110
LAC D U O CTR-REGIONAL STU (133-5818) 47,525.00

STUDENT AID

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE WORK-STUDY PROGRAM - FEDERAL SHARE
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # P007814552
LAC STU AF FIN ASSIST TO ST (145-5580) 282,862.00
2. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) INITIAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY
GRANT
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # P007834552
LAC STU AF FIN ASSIST TO ST (146-5510) 121,559.00
- 2) CONTINUING SUPPLEMENTAL EDUCATIONAL OPPORTUNITY
GRANT
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # P007844552
LAC STU AF FIN ASSIST TO ST (146-5511) 163,806.00
3. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
NATIONAL DIRECT STUDENT LOAN PROGRAM
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # P007824552
LAC STU AF FIN ASSIST TO ST (LOANS) 208,227.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - LACROSSE

STUDENT AID

4. DHEW, OFFICE OF EDUCATION
 WASHINGTON, DC
 BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM
 FOR THE PERIOD 07-01-78 THROUGH 06-30-79
 AWARD # P007902955
 LAC STU AF FIN ASSIST TO ST (148-5520) 720,140.00

TOTAL LACROSSE 1,966,563.00

EXTENSION AND PUBLIC SERVICE	18,225.00
INSTRUCTION	205,554.00
LIBRARIES	3,906.00
MISCELLANEOUS	55,591.00
RESEARCH	186,693.00
STUDENT AID	1,496,594.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - OSHKOSH

INSTRUCTION

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| 1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTER WITH DHEW DE
COUNSELOR EDUCATION PROGRAM
AWARD # PAI 00695
OSH EDUC INSTRUCTION | (144-4478) | 2,400.00 |
| 2. DHEW, OFFICE OF HUMAN DEVELOPMENT
CHICAGO, IL
HEADSTART PROGRAM
FOR THE PERIOD 07-01-78 THROUGH 08-31-79
AWARD # 4232 L/H
OSH EDUC INSTRUCTION | (144-4475) | 131,872.00 |

LIBRARIES

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|---|------------|----------|
| 1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE LIBRARY RESOURCE PROGRAM
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007852512
OSH AC SYS LIB-LRNG RESRCS LIB OPNS | (144-4477) | 3,906.00 |
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RESEARCH

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|--|------------|-----------|
| 1. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
ASSESSMENT OF SCIENTISTS/ENGINEERS CONTINUING
EDUCATION NEEDS IN SMALL INDUSTRIES
FOR THE PERIOD 10-01-78 THROUGH 03-31-80
AWARD # SED78-21869
OSH EXT&PS CONTINUING EDUC NON-DGRE A | (144-4476) | 50,124.00 |
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STUDENT AID

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|---|------------|----------|
| 1. WISCONSIN RURAL REHABILITATION CORPORATION
MADISON, WI
SCHOLARSHIPS FOR TEN NURSING STUDENTS (UNDERGRAD)
FOR THE 1978-79 ACADEMIC YEAR
OSH STU A RURAL REHAB GRT | (133-3339) | 6,560.00 |
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TOTAL OSHKOSH	194,862.00
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INSTRUCTION	134,272.00
LIBRARIES	3,906.00
RESEARCH	50,124.00
STUDENT AID	6,560.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - PARKSIDE

INSTRUCTION

1. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
INSTRUCTIONAL SCIENTIFIC EQUIPMENT
FOR THE PERIOD 09-08-78 THROUGH 01-31-81
AWARD # SER78-14620
PKS SC&SOC SCIENCE LIFE SCI (144-M255) 14,100.00

LIBRARIES

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE LIBRARY RESOURCES PROGRAM, TITLE IIA,
HEA 1965
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007850599
PKS LIB LC ADMIN (144-M397) 3,906.00

MISCELLANEOUS

1. TRI-COUNTY EMPLOYMENT AND TRAINING CONSORTIUM
KENOSHA, WI
PRIME CONTRACTER WITH LABOR
CETA LTE PROGRAM
FOR THE PERIOD 12-18-77 THROUGH 09-30-78
AT A TOTAL COST OF \$282,838.71
AWARD # NONE
PKS (144-L184) 6,256.00

RESEARCH

1. DOD, NAVY
ARLINGTON, VA
A PHYSIOLOGICAL AND BIOCHEMICAL STUDY OF THE
EFFECTS OF EXTREMELY LOW FREQUENCY
ELECTROMAGNETIC FIELDS
FOR THE PERIOD 07-01-75 THROUGH 12-31-78
AT A TOTAL COST OF \$110,000.00
AWARD # N00014-76-C-0180, MOD. 3
PKS SC&SOC SCIENCE LIFE SCI (144-H092) 5,000.00

STUDENT AID

1. JUSTC, LAW ENFORCEMENT ASSISTANCE ADM
DES PLAINES, IL
LAW ENFORCEMENT EDUCATION PROGRAM
FOR THE PERIOD 08-01-73 THROUGH 07-31-79
AWARD # 78LPAX0718
PKS BUS SV FELLOWS & SCHOLS (144-M350) 5,200.00
2. MULTIPLE DONORS
PARKSIDE SCHOLARSHIP FUND
PKS BUS SV FELLOWS & SCHOLS (133-9472) 332.00

TOTAL PARKSIDE

34,794.00
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INSTRUCTION	14,100.00
LIBRARIES	3,906.00
MISCELLANEOUS	6,256.00
RESEARCH	5,000.00
STUDENT AID	5,532.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - PLATTEVILLE

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN STATE COUNCIL ON ECONOMIC EDUCATION MILWAUKEE, WI CENTER FOR ECONOMIC EDUCATION FOR THE PERIOD 07-01-78 THROUGH 06-30-79 AWARD # 746 PLT B,I&C DN-BUS, IND&COM	(133-0068)	800.00
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GIFT-IN-KIND

1. SPERRY VICKERS CORPORATION CHICAGO, IL DONATED POWER LAB SUPPLIES PLT		
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INSTRUCTION

1. FOUNDRY EDUCATIONAL FOUNDATION CLEVELAND, OH DISCRETIONARY FUND FOR DEPARTMENTAL USE FOR THE PERIOD 07-01-78 THROUGH 06-30-79 AWARD # 13140 PLT B,I&C IND TECH EDUC	(133-0069)	500.00
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STUDENT AID

1. WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI FOUR SCHOLARSHIPS FOR MEDICAL TECHNOLOGY STUDENTS FOR THE PERIOD 07-01-78 THROUGH 06-30-79 AWARD # 394 PLT ART&SC CHEMISTRY	(133-0065)	1,368.00
2. WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI FALL 1978 SCHOLARSHIPS FOR TWENTY STUDENTS FOR THE PERIOD 07-01-78 THROUGH 06-30-79 AWARD # 393 PLT AGRIC DEAN OF AGRIC	(133-0066)	6,840.00
3. HARTFORD INSURANCE GROUP HARTFORD, CT WONG-HARTFORD SCHOLARSHIP FUND FOR THE PERIOD 07-01-78 THROUGH 06-30-79 AWARD # 4683 PLT G E A ASST CHAN-BUS AF	(133-0067)	1,000.00

TOTAL PLATTEVILLE

10,508.00
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EXTENSION AND PUBLIC SERVICE	800.00
INSTRUCTION	500.00
STUDENT AID	9,208.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - STEVENS POINT

INSTRUCTION

1. WI DEPT OF NATURAL RESOURCES
MADISON, WI
INTERNSHIP AGREEMENT
FOR THE PERIOD 09-05-78 THROUGH 12-15-78
STP CONR NATURAL RESOURCS NAT RESRCS (133-8463) 1,000.00

LIBRARIES

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE LIBRARY RESOURCE PROGRAM
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007852251
STP ESIP&L LRC TECH SVCS (144-4418) 3,906.00

RESEARCH

1. AGRIC, FOREST SERVICE
NEW ORLEANS, LA
RISK ANALYSIS OF FORESTRY INVESTMENTS
FOR THE PERIOD 09-06-78 THROUGH 09-30-80
AWARD # 19-292
STP CONR NATURAL RESOURCS NAT RESRCS (144-8441) 2,980.00
2. AGRIC, FOREST SERVICE
ST. PAUL, MN
WOOD QUALITY AND PAPER EVALUATION OF LAKE
STATES JACK PINE
FOR THE PERIOD 09-15-78 THROUGH 09-15-79
AWARD # 13-651
STP CONR NATURAL RESOURCS NAT RESRCS (144-8423) 9,000.00
3. INTER, NATIONAL PARK SERVICE
OMAHA, NB
ECOLOGICAL STUDIES AT APOSTLE ISLANDS NATIONAL
LAKESHORE
FOR THE PERIOD 09-01-78 THROUGH 09-01-79
AWARD # CX-6000-7-R059
STP CONR NATURAL RESOURCS NAT RESRCS (144-8410) 15,000.00
4. GREAT LAKES FISHERY COMMISSION
ANN ARBOR, MI
PRIME CONTRACTOR WITH INTERFWS
ASSESSMENT OF LAKE SUPERIOR LAKE TROUT STOCKS
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
STP CONR COOP FISH UNIT (144-4622) 7,875.00
5. WI DEPT OF NATURAL RESOURCES
MADISON, WI
SHARP-TAILED GROUSE IN NORTHWESTERN WISCONSIN
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
STP CONR NATURAL RESOURCS NAT RESRCS (133-8445) 5,500.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - STEVENS POINT

RESEARCH

6. DEPARTMENT OF NATURAL RESOURCES
ST. PAUL, MN
STUDY WASTE IN MINELAND RECLAMATION PROGRAM
FOR THE PERIOD 07-01-78 THROUGH 07-31-79
STP CONR NATURAL RESOURCS NAT RESRCS (133-8492) 22,928.00

STUDENT AID

1. JUSTC, LAW ENFORCEMENT ASSISTANCE ADM
WASHINGTON, DC
LAW ENFORCEMENT EDUCATION PROGRAM
FOR THE PERIOD 08-01-78 THROUGH 07-31-79
AWARD # 78LPAX0714
STP C-C SV IND DET THRU ED MINOR TUT (144-2214) 3,171.00

TOTAL STEVENS POINT 71,360.00
=====

INSTRUCTION	1,000.00
LIBRARIES	3,906.00
RESEARCH	63,283.00
STUDENT AID	3,171.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTER WITH DHEW OF
SUPPORT SERVICES FOR ADVISORY COMMITTEE ON
SECONDARY VOCATIONAL EDUCATION
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # PAI 00566
STO CREI CTR-RES&ED IMPRV (144-0456) 1,453.00
2. DHEW, SOCIAL & REHABILITATION SERVICE
WASHINGTON, DC
WORK EVALUATION/WORK ADJUSTMENT
FOR THE PERIOD 09-01-78 THROUGH 08-31-79
AWARD # 12-P-55307/5-10
STO EDUC STO VOC REH INST MATL DEV C (144-0367) 250,000.00

GIFT-IN-KIND

1. CHRYSLER CORPORATION
DETROIT, MI
1978 CHRYSLER OMNI AUTOMOBILE
STO
2. GENERAL MOTORS CORPORATION, PONTIAC DIVISION
MINNEAPOLIS, MN
1978 PONTIAC PHOENIX
STO

INSTRUCTION

1. ACTION
WASHINGTON, DC
TECHNICAL TRAINING IN INDUSTRIAL ARTS FOR
PEACE CORPS TRAINEES
FOR THE PERIOD 05-01-78 THROUGH 09-30-78
AWARD # 78-042-1008
STO I&TECH INDUST TCHR EDUC IND TCH ED (144-0281) 2,126.00
2. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
UNDERGRADUATE TRAINING PROGRAM - SPECIAL
VOCATIONAL EDUCATION
FOR THE PERIOD 06-01-78 THROUGH 05-31-79
AWARD # G007801071
STO EDUC EDUC & PSYCH (144-0282) 36,000.00
3. STOUT UNIVERSITY FOUNDATION
MENOMONIE, WI
PACKAGING AND HANDLING PROGRAM
FOR THE PERIOD 10-01-78 THROUGH 06-30-79
AWARD # MEMO DTD 09/27/78
STO I&TECH MATLS & PROCS (133-0294) 3,000.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - STOUT

LIBRARIES

1. DHEW, OFFICE OF EDUCATION
 WASHINGTON, DC
 COLLEGE LIBRARY RESOURCES PROGRAM - TITLE II
 FOR THE PERIOD 10-01-78 THROUGH 09-30-79
 AWARD # G007852032
 STO LIB RE M RETR SV-BOOK A (144-0481) 3,906.00

RESEARCH

1. WI DEPT OF PUBLIC INSTRUCTION
 MADISON, WI
 PRIME CONTRACTOR WITH DHEW OF
 TECHNOLOGY IN EDUCATION: A STUDY PROJECT
 FOR THE PERIOD 09-11-78 THROUGH 06-30-79
 AWARD # PAI 00634
 STO I&TECH INDOUST TCHR EDUC IND TCH ED (144-0457) 7,564.00

TOTAL STOUT

304,049.00
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EXTENSION AND PUBLIC SERVICE	251,453.00
INSTRUCTION	41,126.00
LIBRARIES	3,906.00
RESEARCH	7,564.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - SUPERIOR

EXTENSION AND PUBLIC SERVICE

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
ASSISTING LOCAL GOVERNMENT OFFICIALS IN PROBLEM
SOLVING TECHNIQUES UNDER TITLE I OF THE HIGHER
EDUCATION ACT
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # 144L768-809K362-001-16
SUP U RES CLSES (144-0091) 14,547.00

LIBRARIES

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE LIBRARY RESOURCE PROGRAM
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007851501
SUP LIB RE UNIV LIBRARY (144-0093) 3,906.00

RESEARCH

1. ARROWHEAD REGIONAL DEVELOPMENT COMMISSION
DULUTH, MN
PRIME CONTRACTER WITH COMM
DULUTH-SUPERIOR HARBOR FISHERY SURVEY
FOR THE PERIOD 07-01-78 THROUGH 09-30-78
SUP U RES CLSES (144-0092) 7,500.00
2. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) PHASE II: RED CLAY EROSION SURVEY: WISCONSIN/
MINNESOTA
FOR THE PERIOD 06-01-78 THROUGH 08-31-78
AWARD # G-005140
SUP U RES CLSES (144-0086) 10,437.00
- 2) EFFECTS OF PESTICIDES IN FRESHWATER ORGANISMS
FOR THE PERIOD 06-01-78 THROUGH 03-31-79
AWARD # R806196-01
SUP U RES CLSES (144-0087) 168,269.00
- 3) ROLE OF PLANT ROOTS IN RETARDING RED CLAY
EROSION
FOR THE PERIOD 07-01-78 THROUGH 09-01-78
AWARD # G-00514
SUP U RES CLSES (144-0088) 6,801.00
- 4) EFFECTS OF EROSION CONTROL ON AQUATIC LIFE IN
NEMADJI RIVER AND TRIBUTARIES
FOR THE PERIOD 07-01-78 THROUGH 09-01-78
AWARD # G-00514
SUP U RES CLSES (144-0089) 10,058.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - SUPERIOR

RESEARCH

5) EFFECT OF VEGETATION COVER ON RED CLAY SOILS AND EROSION CONTROL FOR THE PERIOD 07-01-78 THROUGH 09-01-78 AWARD # G-00514 SUP U RES CLSES	(144-0090)	8,121.00
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STUDENT AID

1. DHEW, OFFICE OF EDUCATION WASHINGTON, DC COLLEGE WORK STUDY PROGRAM FOR THE PERIOD 07-01-79 THROUGH 06-30-79 AWARD # P007814559 SUP ST AST WORK-STUDY	STU SVCS (145-0084)	178,082.00
2. DHEW, OFFICE OF EDUCATION WASHINGTON, DC NATIONAL DIRECT STUDENT LOAN PROGRAM FOR THE PERIOD 07-01-79 THROUGH 06-30-79 AWARD # P007824559 SUP ST AST NATL DIR STU LNS	(LOANS)	152,889.00

TOTAL SUPERIOR

560,610.00
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EXTENSION AND PUBLIC SERVICE	14,547.00
LIBRARIES	3,906.00
RESEARCH	211,186.00
STUDENT AID	330,971.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. DR. LAWRENCE CORRADO,
MANITOWOC, WI
PERIODICAL: PHYSICS TODAY 1965/1977
TO THE UW-CENTER MANITOWOC COUNTY
CNS MANIT
2. GERTRUDE SHERMAN ESTATE
COLLECTION OF 1,399 BOOKS
TO THE UW-CENTER WAUKESHA COUNTY
CNS WAUK
3. MRS. MARCY GRIGNON LEWENSTEIN,
APPLETON, WI
30-VOLUME SET OF "COLLECTIONS OF THE STATE
HISTORICAL SOCIETY OF WISCONSIN"
TO THE UW FOX VALLEY CENTER
CNS FOX VA
4. GIFTS TO THE UW-CENTER WAUKESHA COUNTY:
PATRICIA C. GUNDRUM, WAUKESHA, WI- TWO BOOKS
JEFFREY BRIGGS, WAUKESHA, WI- TWO BOOKS
A.E. ATKINS, NEW YORK CITY- ONE BOOK
REX W. MINCKLER, LEESBURG, VA- TWO BOOKS
CNS WAUK

INSTRUCTION

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) VETERANS COST-OF-INSTRUCTION PROGRAM
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # P007955042
CNS BARRON STUDENT AFFAIRS ADMIN (144-M234) 1,012.00
 - 2) TITLE VI-A INSTRUCTIONAL EQUIPMENT - CATEGORY I
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # J007801587
CNS WAUK ADMINISTRATION (144-M237) 5,000.00
 - 3) TITLE VI-A INSTRUCTIONAL EQUIPMENT - CATEGORY I
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # J007801599
CNS FD LAC ADMINISTRATION (144-M238) 2,622.00
2. WI DEPT OF ADMINISTRATION
MADISON, WI
PRIME CONTRACTOR WITH LABOR
COMPREHENSIVE EMPLOYMENT & TRAINING ACT PROGRAM
FOR THE PERIOD 01-01-77 THROUGH 09-30-78
AT A TOTAL COST OF \$129,553.00
AWARD # T2PE-78-928
CNS B-SAUK ADMINISTRATION (144-J936) 4,000.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

LIBRARIES

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) COLLEGE LIBRARY RESOURCES PROGRAM, TITLE IIA,
HEA 1965
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007851327
CNS BARRON LIBRARY (144-M320) 3,906.00
 - 2) COLLEGE LIBRARY RESOURCES PROGRAM, TITLE IIA,
HEA 1965
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007851328
CNS FD LAC LIBRARY (144-M321) 3,906.00
 - 3) COLLEGE LIBRARY RESOURCES PROGRAM TITLE IIA,
HEA 1965
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007851331
CNS MARATH LIBRARY (144-M322) 3,906.00
 - 4) COLLEGE LIBRARY RESOURCES PROGRAM, TITLE IIA,
HEA 1965
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007851332
CNS MARIN LIBRARY (144-M323) 3,906.00
 - 5) COLLEGE LIBRARY RESOURCES PROGRAM, TITLE IIA,
HEA 1965
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007851333
CNS MARSH LIBRARY (144-M324) 3,906.00
 - 6) COLLEGE LIBRARY RESOURCES PROGRAM, TITLE IIA,
HEA 1965
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007851334
CNS MEDFRD LIBRARY (144-M325) 3,906.00
 - 7) COLLEGE LIBRARY RESOURCES PROGRAM, TITLE IIA,
HEA 1965
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007851336
CNS ROCK LIBRARY (144-M326) 3,906.00
 - 8) COLLEGE LIBRARY RESOURCES PROGRAM, TITLE IIA,
HEA 1965
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007851337
CNS SHEBOY LIBRARY (144-M327) 3,906.00
 - 9) COLLEGE LIBRARY RESOURCES PROGRAM, TITLE IIA,
HEA 1965
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # G007851338
CNS WASH LIBRARY (144-M328) 3,906.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

LIBRARIES

10) COLLEGE LIBRARY RESOURCES PROGRAM, TITLE IIA, HEA 1965 FOR THE PERIOD 10-01-78 THROUGH 09-30-79 AWARD # G007851339 CNS WAUK LIBRARY	(144-M329)	3,906.00
11) COLLEGE LIBRARY RESOURCES PROGRAM TITLE IIA, HEA 1965 FOR THE PERIOD 10-01-78 THROUGH 09-30-79 AWARD # G007851335 CNS RICH LIBRARY	(144-M360)	3,906.00
12) COLLEGE LIBRARY RESOURCES PROGRAM, TITLE IIA, HEA 1965 FOR THE PERIOD 10-01-78 THROUGH 09-30-79 AWARD # G007851330 CNS MANIT LIBRARY	(144-M361)	3,906.00
13) COLLEGE LIBRARY RESOURCES PROGRAM, TITLE IIA, HEA 1965 FOR THE PERIOD 10-01-78 THROUGH 09-30-79 AWARD # G007851329 CNS FOX VA LIBRARY	(144-M362)	3,906.00
14) COLLEGE LIBRARY RESOURCES PROGRAM, TITLE IIA, HEA 1965 FOR THE PERIOD 10-01-78 THROUGH 09-30-79 AWARD # G007851326 CNS B-SAUK LIBRARY	(144-M363)	3,906.00

MISCELLANEOUS

1. WI DEPT OF ADMINISTRATION MADISON, WI PRIME CONTRACTER WITH LABOR COMPREHENSIVE EMPLOYMENT AND TRAINING ACT PROGRAM FOR THE PERIOD 06-20-77 THROUGH 06-30-78 AWARD # T6LP77-928 CNS	(144-K282)	39,528.00
2. WI DEPT OF EMPLOYMENT RELATIONS MADISON, WI PRIME CONTRACTER WITH LABOR RECREATION ROOM ATTENDANT, STAGE HAND, & LAB TECHNICIAN I FOR THE PERIOD 10-01-77 THROUGH 09-30-78 AWARD # T2PE-78-928 CNS BARRON	(144-M235)	2,969.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

RESEARCH

1. STATE OF WISCONSIN
 DEPARTMENT OF NATURAL RESOURCES
 MADISON, WI
 AIR QUALITY MONITORING-WAUSAU AREA
 FOR THE PERIOD 10-01-78 THRU 09-30-79
 CNS MARATH CHEMISTRY (133-C739) 3,778.00

TOTAL CENTER SYSTEM 113,593.00
 =====

INSTRUCTION	12,634.00
LIBRARIES	54,684.00
MISCELLANEOUS	42,497.00
RESEARCH	3,778.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN 4-H FOUNDATION, INC.
MADISON, WI
UPHAM WOODS TRUST FUND
EXT (TRUST) 2,000.00
2. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTER WITH AGRIC
USDA SUPPORTED NUTRITION EDUCATION
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # LETTER DATED 10/05/78
EXT P H D FAMILY LIVING ED NUTR SCI (144-M393) 90,184.00
3. AGRIC, ECONOMICS, STATISTICS, & COOPERATIVES
SERVICE
WASHINGTON, DC
ENERGY CONSERVATION IN NONMETROPOLITAN HOUSING
IN THE UPPER MIDWEST
FOR THE PERIOD 09-21-78 THROUGH 09-30-80
AWARD # 58-319S-8-2481X
EXT P H D ENGINEERING (144-M345) 20,000.00
4. WI DEPT OF ADMINISTRATION
MADISON, WI
PRIME CONTRACTER WITH COMM
TRAINING FOR LOCAL LAND/RESOURCE PLANNERS,
REGULATION ADMINISTRATORS, PLAN COMMISSIONERS
AND GOVERNING BOARD MEMBERS
FOR THE PERIOD 06-01-78 THROUGH 05-31-79
AWARD # 79029
EXT E E D DEPT OF GOVT AFF (144-L697) 21,120.00
5. WI DEPT OF ADMINISTRATION
MADISON, WI
PRIME CONTRACTER WITH COMM
WISCONSIN COASTAL MANAGEMENT PROGRAM: CITIZENS
ADVISORY COMMITTEE STAFF SUPPORT AND PUBLIC
INFORMATION BUDGET
FOR THE PERIOD 06-01-78 THROUGH 05-31-79
AWARD # 79054
EXT E E D ENVIR RSRCS UNIT ENV RSRC U (144-L698) 25,000.00
6. WI DEPT OF ADMINISTRATION
MADISON, WI
PRIME CONTRACTER WITH COMM
GREAT LAKES SHORE EROSION INFORMATION ASSISTANCE
PROGRAM
FOR THE PERIOD 06-01-78 THROUGH 05-31-79
AWARD # 79023
EXT E E D W GEOL&NAT HIST GEOL&NAT H (144-L699) 21,951.00
7. WI DEPT OF ADMINISTRATION
MADISON, WI
PRIME CONTRACTER WITH COMM
LAKE SUPERIOR SHORELINE GEOTECHNICAL STUDY
FOR THE PERIOD 06-01-78 THROUGH 05-31-79
AWARD # 79024
EXT E E D W GEOL&NAT HIST GEOL&NAT H (144-L700) 9,928.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

8. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTER WITH DHEW DE
USING THE LIBRARY AND OTHER LOCAL RESOURCES TO
PRODUCE PROGRAM MATERIALS FOR OLDER ADULTS
FOR THE PERIOD 10-01-78 THROUGH 06-29-79
AWARD # PAI 00660
EXT E C COMMUNICATION COMMUNICAT (144-M292) 26,142.00
9. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
ITINERANT HUMANIST
FOR THE PERIOD 10-01-78 THROUGH 06-30-79
AWARD # 003-24
EXT P H D HUMAN DEVELOPMNT L S-LANG&L (144-M227) 2,084.00
10. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
DEVELOPMENT OF MODEL COMPENSATION PROGRAM FOR
NOISE-INDUCED HEARING IMPAIRMENT
FOR THE PERIOD 09-30-78 THROUGH 05-31-79
AWARD # WA-8-2306-J
EXT P H D SCH FOR WORKERS (144-M386) 10,000.00
11. CITY OF MILWAUKEE, DEPT OF BUILDING INSPECTION AND
SAFETY ENGINEERING
MILWAUKEE, WI
PRIME CONTRACTER WITH HUD
PAINT-UP PROJECT
FOR THE PERIOD 06-01-78 THROUGH 05-31-79
AWARD # 360-030
EXT E E D URB COMMUN DEVEL (144-L628) 39,843.00
12. CITY OF MILWAUKEE, DEPT OF BUILDING INSPECTION AND
SAFETY ENGINEERING
MILWAUKEE, WI
PRIME CONTRACTER WITH HUD
HOUSECOPING
FOR THE PERIOD 06-01-78 THROUGH 05-31-79
AWARD # 360-032
EXT URB OR INSTIT CRIM JUS (144-L629) 90,000.00
13. INTERIOR, DEPT. OF
MADISON, WI
FOREST COUNTY MAPPING
FOR THE PERIOD 07-01-78 THROUGH 12-31-78
AWARD # NONE
EXT E E D W GEOL&NAT HIST GEOL&NAT H (144-M391) 8,000.00
14. WI DEPT OF INDUSTRY, LABOR AND HUMAN RELATIONS
MADISON, WI
PRIME CONTRACTER WITH LABOR
WORK INCENTIVE PROGRAM RADIO/TV ANNOUNCER
FOR THE PERIOD 09-11-78 THROUGH 07-21-79
AWARD # 6122-78-PSE 29
EXT E C TELEVISION (144-M228) 11,647.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

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|-----|---|------------|------------|
| 15. | LABOR, DEPT. OF
WASHINGTON, DC
UNION-UNIVERSITY OCCUPATIONAL SAFETY AND HEALTH
TRAINING PROGRAM
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # 8D312005
EXT P H D SCH FOR WORKERS | (144-M369) | 252,107.00 |
| 16. | WEST ALLIS-WAUWATOSA CONSORTIUM
WAUWATOSA, WI
PRIME CONTRACTOR WITH LABOR
4-H PROMOTIONAL CAMPAIGN UNDER TITLE II OF THE
COMPREHENSIVE EMPLOYMENT AND TRAINING ACT OF 1973
FOR THE PERIOD 05-01-78 THROUGH 09-30-79
AT A TOTAL COST OF \$6,891.20
AWARD # AGREEMENT DTD 05/01/78, MOD. 1
EXT COM PR COMMUNITY PROGS MILW CO | (144-L609) | 2,757.20 |
| 17. | NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
STUDY OF CONTINUING EDUCATION FOR SCIENTISTS AND
ENGINEERS
FOR THE PERIOD 09-25-78 THROUGH 03-31-80
AWARD # SED78-21965
EXT P H D ENGINEERING ADMIN | (144-M313) | 13,887.00 |
| 18. | UNIVERSITY OF WISCONSIN FOUNDATION, MADISON,
REPRESENTING A TRANSFER OF FUNDS FROM THE
EVJUE FOUNDATION
SUPPORT PROGRAMS IN THE UNIVERSITY CENTER FOR
COOPERATIVES
EXT E E D U CTR FOR COOPS | (133-A152) | 1,000.00 |
| 19. | MULTIPLE DONORS
INTERIM COMMITTEE ON RURAL MENTAL HEALTH
EXT P H D HEALTH SCI AREA MENTL HLTH | (133-A555) | 245.00 |
| 20. | CORPORATION FOR PUBLIC BROADCASTING
WASHINGTON, DC
COMMUNITY SERVICE GRANT-WHA RADIO-FISCAL
YEAR 1978 FOR THE PERIOD 10-01-77 THRU
09-30-79 AT A \$181,545 LEVEL
AWARD # 5321/70881
EXT E C RADIO | (133-B906) | 25,263.00 |
| 21. | MULTIPLE DONORS
DEFRAY COST OF NCAA HOCKEY PLAYOFFS-PROVIDENCE
EXT E C TELEVISION | (133-C173) | 1,500.00 |
| 22. | MULTIPLE DONORS
ACQUISITION UNDERWRITING ACCOUNT-WHA-TV
EXT E C TELEVISION | (133-C390) | 4,057.00 |
| 23. | CORPORATION FOR PUBLIC BROADCASTING
WASHINGTON, DC
MINORITY TRAINING GRANT FOR THE PERIOD
11-01-78 THRU 10-31-80
EXT F C RADIO-TV GENERAL | (133-C496) | 15,362.00 |

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

24.	MULTIPLE DONORS DEFRAY COST OF UNDERWRITING AND PROMOTION FOR BADGER FOOTBALL 1978-79 EXT E C TELEVISION	(133-C545)	5,000.00
25.	PUBLIC BROADCASTING SERVICE WASHINGTON, DC 1978-79 TUNE-IN ADVERTISING CAMPAIGN EXT E C TELEVISION	(133-C546)	5,500.00
26.	MULTIPLE DONORS UNDERWRITING AND PROMOTION OF BADGER HOCKEY EXT E C TELEVISION	(133-C549)	17,500.00
27.	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI PRODUCE AND PRESENT ITV AWARENESS NIGHT FOR THE PERIOD 09-06-78 THRU 06-30-79 AWARD # P.O.# ECI 00148 EXT E C TELEVISION	(133-C560)	9,833.00
28.	OHIO MEDICAL PRODUCTS MADISON, WI PRODUCE A 16MM TAPE FROM A VIDEO TAPE "SPIROMETRY PROGRAM" AWARD # P.O.# L74042 EXT E C TELEVISION	(133-C570)	7,355.66
29.	NATIONAL PUBLIC RADIO WASHINGTON, DC OPERATION OF EARPLAY DRAMA CENTER FOR THE PERIOD 10-01-78 THRU 09-30-79 EXT E C RADIO	(133-C574)	219,682.00
30.	CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC WOMEN'S TRAINING GRANT FOR THE PERIOD 10-01-78 THRU 09-30-80 EXT E C TELEVISION	(133-C737)	16,608.00
31.	MULTIPLE DONORS WHA RADIO STATION DIRECTOR'S DISCRETIONARY GRANT EXT E C RADIO	(133-4307)	155.00
32.	SUPPORT PROGRAMS OF THE DEPARTMENT OF BUSINESS AND MANAGEMENT EXT E E D BUSINESS & MGT	(133-4539)	
	50.00 LAKESIDE LUTHERAN HIGH SCHOOL LAKE MILLS, WI		
	450.00 BEAVER DAM CHAMBER OF COMMERCE BEAVER DAM, WI		
			500.00

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

33.	MULTIPLE DONORS UNIVERSITY EXTENSION FELLOWSHIP FUND EXT P S D STAFF TRNG DEV	(133-7462)	3,050.00
34.	WAVERLY PRESS, INC BALTIMORE, MD EXT MEDICINE ROYALTIES ACCOUNT EXT P H D HEALTH SCI AREA CNT MED ED	(133-8621)	18.00
	TOTAL EXTENSION		979,278.86 =====
	EXTENSION AND PUBLIC SERVICE	979,278.86	

GIFTS, GRANTS AND CONTRACTS
NOV 10, 1978

UNIVERSITY OF WISCONSIN - SYSTEM WIDE

INSTRUCTION

1. DHEW, OFFICE OF EDUCATION WASHINGTON, DC UNDERGRADUATE TEACHING IMPROVEMENT PROGRAM FOR THE PERIOD 09-01-77 THROUGH 08-31-79 AWARD # G007701940 UWS INST P UNDERGRAD TCH I	(144-0009)	69,105.00
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MISCELLANEOUS

1. PRESIDENT EDWIN YOUNG, MADISON, WI PRESIDENT'S SPECIAL FUND UWS	(TRUST)	300.00
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RESEARCH

1. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM ROCKVILLE, MD CONTROL ACCOUNT FOR THE PERIOD 09-01-78 THROUGH 08-31-79 AWARD # 04-8-M01-172 UWS GENRAL SEA GRANT PROG	(144-L939)	1,546,000.00
2. W. K. KELLOGG FOUNDATION, BATTLE CREEK, MI DECISION MAKING AND POLICY IMPLEMENTATION SYSTEM FOR NURSING AND EDUCATION IN WISCONSIN FOR THE PERIOD 07-01-78 THRU 12-31-79 UWS SW STU SYSTEMWIDE STU	(133-0008)	205,973.00

TOTAL SYSTEM WIDE

1,821,378.00
=====

INSTRUCTION	69,105.00
MISCELLANEOUS	300.00
RESEARCH	1,751,973.00

GIFTS, GRANTS AND CONTRACTS SUMMARY
 ITEMS PROCESSED 09-16-78 THROUGH 10-20-78

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	69,105	-0-	300	-0-	1,751,973	-0-	-0-	1,821,378
CENTER SYSTEM	-0-	12,634	54,684	42,497	-0-	3,778	-0-	-0-	113,593
EAU CLAIRE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
EXTENSION	979,279	-0-	-0-	-0-	-0-	-0-	-0-	-0-	979,279
GREEN BAY	-0-	1,500	3,906	4,033	-0-	116,308	1,995	-0-	127,742
LA CROSSE	18,225	205,554	3,906	55,591	-0-	186,693	1,496,594	-0-	1,966,563
MADISON	-0-	2,511,254	3,369	598,399	-0-	7,378,953	43,803	-0-	10,535,777
MILWAUKEE	-0-	609,593	27,773	27,087	-0-	930,634	118,492	-0-	1,713,580
OSHKOSH	-0-	134,272	3,906	-0-	-0-	50,124	6,560	-0-	194,862
PARKSIDE	-0-	14,100	3,906	6,256	-0-	5,000	5,532	-0-	34,794
PLATTEVILLE	800	500	-0-	-0-	-0-	-0-	9,208	-0-	10,508
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	-0-	1,000	3,906	-0-	-0-	63,283	3,171	-0-	71,360
STOUT	251,453	41,126	3,906	-0-	-0-	7,564	-0-	-0-	304,049
SUPERIOR	14,547	-0-	3,906	-0-	-0-	211,186	330,971	-0-	560,610
WHITewater	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
TOTAL NOV 1978	1,264,304	3,600,638	113,168	734,162	-0-	10,705,496	2,016,326	-0-	18,434,095
PREVIOUSLY REPORTED	2,348,116	13,929,759	279,959	1,922,693	673,153	39,018,383	23,994,452	1,550	81,067,066
GRAND TOTAL	3,612,420	17,529,397	393,127	2,556,856	673,153	48,723,879	26,010,779	1,550	99,501,161
TOTAL NOV 1977	1,510,259	2,831,011	101,884	576,922	18,467	10,395,804	1,016,754	-0-	16,451,101
PREVIOUSLY REPORTED	893,416	7,922,297	327,140	6,676,233	891,123	37,776,063	31,166,860	1,470	85,644,602
GRAND TOTAL	2,393,675	10,753,308	429,024	7,253,155	909,590	48,171,867	32,183,614	1,470	102,095,704
FEDERAL TOTAL NOV 1978	920,150	3,562,419	85,932	222,418	-0-	9,535,211	1,936,476	-0-	16,262,606
PREVIOUSLY REPORTED	1,468,733	13,639,254	26,697	443,972	392,093	29,286,837	23,414,256	-0-	68,671,843
FEDERAL GRAND TOTAL	2,388,883	17,201,673	112,629	666,390	392,093	38,822,048	25,350,732	-0-	84,934,449
FEDERAL TOTAL NOV 1977	1,130,779	2,789,569	97,438	274,471	18,467	9,690,313	832,546	-0-	14,833,582
PREVIOUSLY REPORTED	304,314	7,657,572	85,962	5,462,719	662,629	30,313,278	30,633,620	-0-	75,120,095
FEDERAL GRAND TOTAL	1,435,093	10,447,141	183,400	5,737,190	681,096	40,003,591	31,466,166	-0-	89,953,678



Board of Regents of The University of Wisconsin System

OFFICERS

October 31, 1978

President
Edward E. Hales
524 Main St.
Racine 53403

TO: Board of Regents of the University of Wisconsin System

Vice President
Milton E. Neshek
Godfrey Bldg.
Elkhorn 53121

FROM: Regent Members of the Higher Educational Aids Board

SUBJECT: HEAB Meeting of October 13, 1978

MEMBERS

Nancy M. Barkla
125 N. Main St.
River Falls 54022

The Higher Educational Aids Board met in the Governor's Conference Room, State Capitol, Madison, on October 13, 1978. Regent member Herbert Grover was present.

David E. Beckwith
777 E. Wisconsin Ave.
Milwaukee 53202

1979-81 Biennial Budget Decision Issues

Arthur DeBardeleben
P. O. Box 30
Park Falls 54552

The Board continued deliberations, begun in July, of budget decision issues for its 1979-81 Biennial Budget.

Joyce M. Erdman
3408 Circle Close
Madison 53705

Wisconsin Tuition Grant-Maximum Grant

J. Fish
Box 68
Marland 53029

At the July meeting the staff recommended that the Board seek approval to set the maximum grant for the Tuition Grant program "annually at the level of the instructional subsidy paid on behalf of students enrolled at UW-Madison." The Board deferred action and requested the staff to provide information detailing the effect that cost of living indexing would have on increasing the maximum grant. The staff presented data on the effect of using the Consumer Price Index, Higher Education Price Index, and a weighted average tuition increase index which suggest that use of an index would raise the maximum Tuition Grant to at least \$1,800 in 1979-80 and \$2,000 in 1980-81. However, the staff again recommended to the Board their original recommendation which, using UW-Madison fees as the base, would raise the maximum Tuition Grant to \$2,350 for 1979-80 and \$2,550 for 1980-81. To implement the staff recommendation would cost an additional \$1,644,000 in 1979-80 and \$2,100,000 in 1980-81.

Marilyn Fitzgerald
Route 3
Platteville 53818

M. William Gerrard
432 Division Street
La Crosse 54601

Herbert Grover
2217 River Street
Niagara 54151

C. Philip Johnson
Darien 53114

John M. Lavine
20-22 W. Central St.
Chippewa Falls 54729

Ben R. Lawton, M.D.
Marshfield Clinic
1000 North Oak Ave.
Marshfield 54449

E. Kaplan opposed the adoption of the staff recommendation stating that it would be poor public policy to establish the maximum grant at a level larger than the incremental funding level used in the University of Wisconsin System enrollment funding formula.

Bertram N. McNamara
615 E. Michigan St.
Milwaukee 53202

Dr. Barbara Thompson
126 Langdon St.
Madison 53703

H. Grover indicated his opposition to the staff recommendation was based on practical considerations rather than philosophical reasons. He suggested that the Board attempt to increase the opportunity to obtain state governmental support by requesting a portion of what was being requested rather than risk getting none by seeking the total package. He moved to substitute the "instructional subsidy" for the University Cluster for the recommended UW-Madison "instructional subsidy."

Mary M. Walter
Box 155
Daleys Harbor 54202

Secretary
J. S. Holt
1860 Van Hise Hall
Madison 53706
Tel. 608/262-2324

EXHIBIT A

Chairman Madison agreed that HEAB had not succeeded in obtaining funding for similar requests to date, but stated that adoption of the Grover motion would be a move away from previous Board policy. Reverend Raynor indicated his desire was not to seek utopia but equalization which has been Board policy. H. Grover then moved that the maximum Tuition Grant for students at Marquette University be set at the Doctoral Cluster level and that the University Cluster "instructional subsidy" become the maximum Tuition Grant for students at the other independent institutions. D. Bell, Executive Director, Wisconsin Association of Independent Colleges and Universities, spoke against the motion indicating that it would result in a major reduction in dollars available to the student. He reported that a number of alternatives had been discussed by WAICU but they had voted unanimously to ask for the Board's continuing support of the HEAB staff recommendation. J. Jung stated that even if the CPI would have raised the level to \$10,000, the staff recommendation would remain as stated.

The motion to amend proposed by H. Grover was passed 6-5, but the vote on the motion as amended failed 6-4, thus leaving the Board without any recommendation to advance to state government regarding a change in the level of maximum Tuition Grant. Later in the meeting a move to reconsider the motion was made by E. Wright on the basis that a position of not having a recommendation advanced by the Board relative to increasing the maximum Tuition Grant would constitute a change in its policy and that the issue had not been directly addressed by the Board in its previous action. The Board approved reconsideration of the motion.

H. Grover moved, seconded by E. Kaplan, to amend the resolution to require that the Tuition Grant question be further researched to determine the comparative long-range effects of (1) the cost of living index, (2) his previous recommendation, and (3) the staff recommendation. E. Wright supported the original staff recommendation, stating that although the UW-Madison level was arbitrary, it was less so than others proposed; the Tuition Grant only goes to undergraduates so the existence of Ph.D. programs at an institution was not relevant; and if the Grover alternative was implemented, most students would go to Marquette because others with higher tuition would have less subsidy. H. Grover argued that referencing the Tuition Grant to the UW System involved tying it to an institutional framework and should not be used as a basis for determining a subsidy to students. He noted that the program display at UW-Madison included agriculture, engineering, and nursing, which are higher cost than liberal arts programs, and more state support is needed as costs are averaged across all programs. Institutions with only liberal arts programs would be expected to have lower costs. He further noted that in the absence of the state having cost control and program efficiency requirements enforced by accounting and audit procedures at independent institutions, it did not seem to be good state policy to tie state support for individual students to some fraction of an institution's support base. The Board turned down the motion to defer and approved the staff recommendation to annually set the maximum Tuition Grant at the level of the UW-Madison "instructional subsidy."

Wisconsin Higher Education Grant-Maximum Grant

At the July meeting the Board requested the staff to review the applicability of price indexing for setting the WHEG maximum grant. The present maximum grant was set at \$1,500 in 1975-77. The maximum grant of

the federal Basic Educational Opportunity Grant program was expected to be increased to \$1,800 in 1979-80. The staff prepared data indicating that a tie between a price index and the maximum grant would increase the level to about \$1,800, but because the Board had earlier decided to recommend sum sufficient funding for the WHEG program, the staff suggested that the Board recommend a specific WHEG maximum grant. The Board accepted the staff recommendation to request that WHEG maximum grant be increased to \$1,800.

Wisconsin Higher Education Grant-Level of Funding

In light of a Board request for sum sufficient funding for WHEG, it was necessary to establish limiting factors to use in expending grant funds. The Board approved the staff recommendation that a request be made for sufficient funding for the WHEG program to allow dependent equity levels to be set at \$2,125/\$1,910 in 1979-80 and \$2,175/\$1,960 in 1980-81 and the independent student equity percentage to be set at 36% in 1979-80 and 38% in 1980-81. The estimated cost of these recommendations is \$1,200,000 in 1979-80 and \$2,800,000 in 1980-81.

Total state support for WHEG program in 1978-79 was \$12,591,100.

Wisconsin Higher Education Grant-TIP Level of Funding

The Board approved a staff recommendation that the level of state support for Talent Incentive Program initial awards under the sum sufficient appropriation for WHEG be increased by \$112,000 in 1979-80 and \$233,000 in 1980-81. This increase reflects a 7.5% inflationary increase over the level of expenditure for TIP initial awards in 1978-79.

Indian Student Assistance Program-Maximum Grant

The Board approved a staff recommendation to request that the maximum Indian Student Assistance Grant be increased to \$1,800. The present maximum grant was set at \$1,500 in 1971-72.

State Direct Student Loans-Health Professions Student Loans

The Board postponed consideration of a state loan program for health professions students until the 1980 Annual Budget Review. At that time the Board will review the success of the new Health Education Assistance Loan program now being implemented by the Office of Education.

Contract for Dental Education-Level of Support

The Board approved a staff recommendation that it seek GPR funding for the contract with Marquette University for dental education at the per capita support levels of \$4,200 in 1979-80 and \$5,200 in 1980-81. The additional costs of the contract resulting from this recommendation are \$375,000 in 1979-80 and \$500,000 in 1980-81. In 1978-79, the contract for 500 full-time Wisconsin residents was \$3,450 per capita.

Agency Administration

The Board approved the staff recommendation that it request five additional positions to meet audit and program accountability and service needs related to the administration of the Wisconsin Guaranteed Student Loan

Program. A motion by Kaplan, seconded by Grover, to delete the proposed position of Director, Bureau of Program Relations, because it was inadequately justified was not supported by the Board.

As a result of rating agency concerns about cash liquidity of the Revenue Bond Accounts, \$150,000 of the Special Allowance Revenues are set aside annually. The Board's position is that Special Allowance Funds should be available to meet ongoing agency expenditures. On recommendation of Executive Secretary Jung, the Board approved, as a matter of principle, that a request be made for an annual GPR supplement of \$150,000 to offset the Special Allowance Revenue which was set aside for the Revenue Bond Accounts. A total of \$450,000 will be requested for the years 1978-81.

The Board approved the staff recommendation that it include a request for eight additional positions for administration of the Bond portfolio to assure proper audit accountability.

After some debate, the Board approved the staff recommendation that GPR funds be sought for the Educational Opportunity Program amounting to \$335,400 in 1979-80 and \$371,600 in 1980-81 and that consideration of adding eight new positions be postponed until the 1980 Annual Review. Several Board members expressed concern that this specific request for GPR makes the EOP program subject to the vagaries of the legislature at a time when the climate may not be good for Talent Search.

The Board approved, with some opposition, the staff recommendation that the Lender Servicing program continue into the 1979-81 biennium with a comprehensive cost/revenue analysis to be prepared for the 1980 Annual Review. The Board will request six additional permanent positions and seek reauthorization of 2.5 project positions.

The Board approved the motion by H. Grover establishing a "partnership" approach for implementing the NDSL program which would combine the efforts of both HEAB and an institutional or private vendor to provide specific services, particularly in the billing and data processing areas. This approach will provide time to develop a plan satisfactory to both HEAB and institution concerns relative to the NDSL servicing program.

Meeting Dates

The Board scheduled the remainder of its 1978-79 meetings for the following dates: January 26, April 27, and July 13, 1979.

Wisconsin Higher Education Grant Program-Current Status

Staff reported that the commitment level of WHEG had reached 95% of the targeted level as compared to 80% at this date last year. More financial aid applications, a 25% increase in the independent student award average grant, more eligible WHEG filers, less than expected BEOG awards, and a decrease in the feedback activity were identified as contributing to this year's higher commitment level. It appears, however, that this present commitment level overstates the actual program situation because all students applying for BEOG are now required to use the Financial Aids Form, whereas last year 6,000 BEOG applicants were not included in the data.

Consequently, the staff requested and received Board approval for authorization to implement, upon concurrence of the Board Chairman, a WHEG award adjustment procedure, if necessary, prior to the second semester of the 1978-79 academic year.

The Board adopted a list of evaluation criteria to use in selecting a need analysis service agency for 1979-80. The Board also received a report on difficulties faced in the Talent Incentive program and efforts being made to improve program management.

Educational Information Centers (EIC) Program

The Executive Secretary recommended: (1) that a Policy Committee and an Operational Committee be established, involving HEAB, UW, VTAE, WAICU, and DPI representation, to implement a state EIC program; and (2) that a single staff person, to be selected with concurrence of the Policy Committee, be authorized for the EIC program for the current fiscal year. H. Grover called attention to the letter from J. Lavine in which he, as Chairperson of the HEAB Personnel Committee, urged the Board to authorize only the staff to engage in planning for the project. The Board's attention was called to the current position freeze, the potential for non-extension of the federal funds, and the need to complete the planning process before a determination of staffing requirements is made. J. Jung indicated that his agency would continue the effort whether the position was present or not because they had been asked to plan the EIC project. E. Kaplan, expressing concern about the addition of another program and the overextension of management staff, stated that she thought a grant of \$45,000 was not worth HEAB's attention for a program peripheral to its main charge. She moved, Grover seconded, that HEAB withdraw its approval and participation in the EIC program. The Board defeated the motion and supported the recommendation of the Executive Secretary.

UW System Resolution

The Board requested the staff to develop a response to the October 6, 1978 resolution of the Board of Regents which requested the HEAB to consider five recommendations of the UWS 1979-81 Biennial Budget Working Group on Holding Down Student Costs.

REPORT OF NON-PERSONNEL ACTIONS BY ADMINISTRATIVE OFFICERS
to the
BOARD OF REGENTS
AND INFORMATIONAL ITEMS REPORTED FOR THE REGENT RECORD
10 November 1978

I. CONTRACTS AWARDED:

A. UW-MADISON

1. 1978 Carson Gulley Commons Roof Repairs
University of Wisconsin - Madison
(Project No. 7805-34)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Roof Repairs</u>	
Kilbourn Roofing & Supply Company, Inc. Route 1, Box 80 Wisconsin Dells, WI 53965	\$ 4,420.00
<hr style="width: 100%;"/>	
TOTAL CONTRACT AWARD	\$ 4,420.00

2. 1977-79 Education Building Roof Repairs
University of Wisconsin - Madison
(Project No. 7805-07)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Roofing</u>	
D. C. Taylor Company Suite 16 American Building Cedar Rapids, IA 52401	\$ 8,913.00
<hr style="width: 100%;"/>	
TOTAL CONTRACT AWARD	\$ 8,913.00

3. 1975-77 Far West Campus Site and
Circulation Development
University of Wisconsin - Madison
(Project No. 7405-26)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>All Construction Work</u>	
J. H. Findorff & Son 601 West Wilson Street Madison, WI 53703	\$ 13,503.00
<hr style="width: 100%;"/>	
TOTAL CONTRACT AWARD	\$ 13,503.00

4. 1965-67 Helen C. White Library Roof Repairs
University of Wisconsin - Madison
(Project No. 6512-21)

CONTRACT AWARDCONTRACT AMOUNTa. Roof Repairs

FJJF Enterprizes, Ltd.
P. O. Box 452
DeForest, WI 53532

\$ 4,325.00

TOTAL CONTRACT AWARD

\$ 4,325.00

5. 1978 Kronshage Servery Roof Replacement
University of Wisconsin - Madison
(Project No. 7807-25)

CONTRACT AWARDCONTRACT AMOUNTa. Roofing & Related Work

FJJF Enterprizes, Ltd.
P. O. Box 452
DeForest, WI 53532

\$ 5,880.00

TOTAL CONTRACT AWARD

\$ 5,880.00

6. 1978 Memorial Union South Skylight Repairs
University of Wisconsin - Madison
(Project No. 7809-02)

CONTRACT AWARDCONTRACT AMOUNTa. Skylight Repair

FJJF Enterprizes
P. O. Box 452
DeForest, WI 53532

\$ 5,555.00

TOTAL CONTRACT AWARD

\$ 5,555.00

7. 1978 Urban Agriculture Research Station
Building
University of Wisconsin - Madison
(Project No. 7807-21)

CONTRACT AWARDCONTRACT AMOUNTa. Concrete Foundation

Steel Forms Construction, Inc.
910 Watson Avenue
Madison, WI 53713

\$ 5,420.00

TOTAL CONTRACT AWARD

\$ 5,420.00

8. 1978 Veterinary Sciences Pole Barn Repair
University of Wisconsin - Madison
(Project No. 7810-31)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Pole Barn Repair</u>	
John Schmid & Sons	\$ 10,525.00
R. R. 1	
Plain, WI 53577	
	<hr/>
TOTAL CONTRACT AWARD	\$ 10,525.00

B. UW-MILWAUKEE

1. 1978-79 GLRF Laboratory Equipment Installation
University of Wisconsin - Milwaukee
(Project No. 7807-22)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Laboratory Equipment Installation</u>	
R.P.M. Industries, Inc.	\$ 38,018.00
W228 N2770 Duplainville Road	
Waukesha, WI 53187	
	<hr/>
TOTAL CONTRACT AWARD	\$ 38,018.00

C. UW-RIVER FALLS

1. 1977-79 Observatory Addition
University of Wisconsin - River Falls
(Project No. 7711-23)

<u>CONTRACT AWARDS</u>	<u>CONTRACT AMOUNTS</u>
a. <u>General Work</u>	
George W. Olsen Construction	\$ 171,779.00
Company, Inc.	
1902 South Greeley	
Stillwater, MN 55082	
	<hr/>
b. <u>Electrical Work</u>	
Knutson Electric, Inc.	\$ 7,753.00
1310 Payne Avenue	
St. Paul, MN 55101	
	<hr/>
TOTAL CONTRACT AWARDS	\$ 179,532.00

2. 1977-79 Relocate Two Steel Buildings
University of Wisconsin - River Falls
(Project No. 7805-63)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>All Work</u>	
Pember Excavating, Inc.	\$ 39,548.00
Route 4	
Menomonie, WI 54751	
	<hr/>
TOTAL CONTRACT AWARD	\$ 39,548.00

D. UW-STEVENS POINT

1. 1977 Allen and Debot Centers Coolers and Freezers
University of Wisconsin - Stevens Point
(Project No. 7709-19)

<u>CONTRACT AWARDS</u>	<u>CONTRACT AMOUNTS</u>
a. <u>General</u>	
Kinetics, Inc.	\$ 63,920.00
P. O. Box 7515	
2421 Darwin Road	
Madison, WI 53713	
b. <u>Heating, Ventilating, Refrigeration</u>	
Refrigeration Systems, Inc.	\$ 23,850.00
519 North Cleveland Avenue	
St. Paul, MN 55114	
c. <u>Electrical</u>	
Van Ert Electric Company, Inc.	\$ 5,500.00
Box 8	
Rudolph, WI 54475	
	<hr/>
TOTAL CONTRACT AWARDS	\$ 93,270.00

2. 1978-79 Parking Lot "R" Paving
University of Wisconsin - Stevens Point
(Project No. 7809-05)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Grading & Paving</u>	
Koepke Paving	\$ 7,290.00
2617 Bush Street	
Stevens Point, WI 54481	
	<hr/>
TOTAL CONTRACT AWARD	\$ 7,290.00

E. UW-STOUT

1. 1977 Tainter House Restoration
University of Wisconsin - Stout
(Project No. 7706-08)

<u>CONTRACT AWARDS</u>	<u>CONTRACT AMOUNTS</u>
a. <u>General</u>	
Dell Construction Company, Inc. 2208 Heimstead Road Eau Claire, WI 54701	\$ 45,359.00
b. <u>Plumbing, Heating, Ventilating & A/C</u>	
Hurlburt Heating & Plumbing, Inc. 1227 East Prospect Street Durand, WI 54736	\$ 18,700.00
c. <u>Electrical</u>	
Eau Galle Plumbing & Electric, Inc. Route 1, Box 28 Eau Galle, WI 54737	\$ 22,974.77
	<hr/>
TOTAL CONTRACT AWARDS	\$ 87,033.77

F. UW-WHITEWATER

1. 1978 Athletic Service Building Masonry Repair
University of Wisconsin - Whitewater
(Project No. 7807-27)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Masonry Restoration</u>	
Graham Brothers 1104 Highland Street Whitewater, WI 53190	\$ 5,085.00
	<hr/>
TOTAL CONTRACT AWARD	\$ 5,085.00

G. UW-SYSTEM

1. 1977-79 Small Energy Conservation Projects
University of Wisconsin System
(Project No. 7803-19)

CONTRACT AWARDS

CONTRACT AMOUNTS

a. <u>UW-Eau Claire</u> (7803-19B) (Modifications to Heating/Ventilating Control System in McPhee Physical Education Building) Johnson Controls 2720 Commerce Street P. O. Box 815 La Crosse, WI 54601	\$ 9,152.00
b. <u>UW-La Crosse</u> (7803-19C) (Heating/Ventilating Control System Modifications in Cowley Hall) Johnson Controls 2720 Commerce Street P. O. Box 815 La Crosse, WI 54601	\$ 9,758.00
c. <u>UW-River Falls</u> (7803-19E) (Modifications of Heating/Ventilating System in Ag-Science Building) Johnson Controls 2720 Commerce Street P. O. Box 815 La Crosse, WI 54601	\$ 6,306.00
d. <u>UW-Stout</u> (7803-19D) (Control System Modifications on Fine Arts Building and Maintenance Building) Powers Regulator Company 2808 Anthony Lane South Minneapolis, MN 55418	\$ 2,795.00
TOTAL CONTRACT AWARDS	\$ 28,011.00

II. CONTRACT CHANGE ORDERS IN EXCESS OF \$15,000.

There are none to report this month.

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

- A. The agreement between UW-River Falls and the School District of River Falls has been renewed by mutual agreement of the two parties for one additional year (September 1, 1978 to August 31, 1979).
- B. Rental agreements between UW-Madison staff occupying experimental farm residences, as reported in October, are effective through June 30, 1980.
- C. At the request of our School of Nursing, and with the approval of our Physical Environment Committee and its Names of Buildings Sub-Committee, the Chancellor has redesignated the currently-named Frances H. Cunningham Nursing Building as "Frances H. Cunningham Hall" at UW-Milwaukee.
- D. Agreements between the Board of Regents of the University of Wisconsin System covering collection of accounts have been signed by the Vice President and Controller with each of the following agencies, effective as indicated: Allied Medical Accounts Control, Inc., Financial Collection Agencies, Inc., and State Collection Service, Inc., effective September 8, 1978; Payco American Corporation, effective September 27, 1978; and Medcol, Inc., effective September 13, 1978.
- E. An agreement between the National Lime and Stone Corporation and the University of Wisconsin - Madison permitting the use of the Corporation's property by the College of Engineering, Department of Metallurgical and Mineral Engineering to drill a core hole for obtaining rock samples has been signed October 4, 1978, by the Vice Chancellor for Administration, UW-Madison.
- F. To be published by UW-Press:

<u>Title</u>	<u>Author</u>
"Human Nature in American Thought: A History"	Merle Curti
"Populism and the Politics of Social Control in Peru"	Steve Stein
"Quiet Wings in the Pines: The Spruce Grouse on the Yellow Dog Plains"	William L. Robinson
"Development Administration: Meaning and Application"	George F. Gant

IV. REPORT OF ACTIONS TAKEN BY THE STATE BUILDING COMMISSION ON
11 OCTOBER 1978 AFFECTING THE UNIVERSITY OF WISCONSIN SYSTEM.

UNIVERSITY	PROJECT	ACTION
1. UW-LA CROSSE	Requested release of \$29,500 of Land Acquisition Funds to purchase one 0.05 acre parcel of land.	APPROVED
	* * *	
	Requested allotment of \$71,900 of State Building Trust Funds as part of the 1978-79 "Annual Release" of UW-System 1977-79 Minor Projects, to plan, bid, and construct the 1977-79 Cowley Hall Remodeling Completion project.	APPROVED at \$102,000.
2. UW-MADISON	Requested allotment of \$31,250 of State Building Trust Funds and authority to plan, bid, and construct the UW-Madison 1977-79 Trout Lake Biological Station Housing project for an estimated total project cost of \$72,500.	DEFERRED
3. UW-MILWAUKEE	Requested authority to plan, bid, and construct a 1978 Purin Hall Roof Replacement project for an estimated total project cost of \$24,600.	APPROVED
4. UW-PLATTEVILLE	Requested approval of the Concept and Budget Report, release of an additional \$17,200 of Advance Planning Funds, and authority to prepare final plans, bid, and construct the 1977-79 Heating Plant Improvements project for a revised total project cost of \$370,000.	APPROVED
5. UW-RIVER FALLS	Requested approval of the Concept and Budget Report; authority to use \$134,800 of Residual Bonding Authority to fund the previously approved North Hall window replacement work; authority to increase the budget for the 1975-77/1977-79 North Hall Remodeling project, by \$255,500, for a revised total project cost of \$1,300,000 of General Obligation Bonding; authority to combine the previously approved \$15,600 1975-77 North Hall Roof Insulation project with the 1975-77/1977-79 North Hall Remodeling project; and release of an additional \$39,000 of Advance Planning Funds to prepare final plans, bid, and construct the combined project with a total project budget of \$1,315,600.	APPROVED

UNIVERSITY	PROJECT	ACTION
6. UW-STEVENS POINT	Requested authority to increase the budget for the 1977 Allen and DeBot Centers Coolers and Freezers project by \$35,000 for a revised total project cost of \$107,000.	APPROVED
7. UW-STOUT	Requested release of \$31,500 of Advance Land Acquisition Funds to purchase one parcel of land.	APPROVED using Program Revenues. UW-System to provide Commission with report on current campus parking fee structure and past PR funded land acquisitions and/or parking facility developments later lost to GPR uses, for reconsideration of funding source for this and future parking related land acquisitions.
8. UW-WHITEWATER	Requested authority to plan, bid, and construct a 1978 Goodhue Residence Hall Roof Replacement project for an estimated total project cost of \$30,600. * * *	DEFERRED
	Requested authority to plan, bid, and construct a 1978 University Center Air Conditioning project for an estimated total project cost of \$82,600.	APPROVED
9. UW-SYSTEM	Requested allotment of an additional \$200,000 of State Building Trust Funds for UW-System 1977-79 Small Energy Conservation Projects for a revised total allocation of \$400,000. * * *	APPROVED

UNIVERSITY	PROJECT	ACTION
9. UW-SYSTEM (cont.)	<p>Requested release of \$39,400 of Advance Planning Funds to prepare Concept and Budget Reports for a 1977-79 Campus Laboratory School/Kjer Theatre/Brewer Hall Handicapped Accessibility project, on the campus at UW-Eau Claire, for an estimated total project cost of \$161,400; a 1977-79 Wing Communications Center and Morris Hall Handicapped Accessibility project, on the campus at UW-La Crosse, for an estimated total project cost of \$255,600; a 1977-79 Babcock Hall/Engineering Building/Horticulture-Moore Hall/Music Hall/Hiram Smith Hall Handicapped Accessibility project, on the campus at UW-Madison, for an estimated total project cost of \$487,900; a 1977-79 Art Building and Doudna Hall-West Wing Handicapped Accessibility project, on the campus at UW-Platteville, for an estimated total project cost of \$228,800; a 1977-79 Ames Teacher Education Center Handicapped Accessibility project, on the campus at UW-River Falls, for an estimated total project cost of \$114,300; a 1977-79 Communications Center Handicapped Accessibility project, on the campus at UW-Stout, for an estimated total project cost of \$343,100; a 1977-79 Erlanson Hall Handicapped Accessibility project, on the campus at UW-Superior, for an estimated total project cost of \$161,400; and a 1977-79 Andersen Library and Center of the Arts Handicapped Accessibility project, on the campus at UW-Whitewater, for an estimated total project cost of \$215,000.</p> <p style="text-align: center;">* * *</p> <p>Requested allotment of \$42,000 of State Building Trust Funds for a 1977-79 Small Boiler Overhaul project on the campuses at UW-Eau Claire, UW-Platteville, UW-River Falls, and UW-Stevens Point.</p>	DEFERRED
		APPROVED

DISCUSSION PAPER -- NONRESIDENT TUITION

INTRODUCTION

The costs to the student of securing a higher education continues to be a serious concern. Other materials prepared for the November 9-10 Regents' meeting present proposals for holding down costs to all students--undergraduate and graduate students, residents and nonresidents. This paper discusses issues related to non-resident tuition, and discusses alternatives especially designed to hold down costs to nonresident students.

Background

Decisions as to whether a potential student will enroll in some sort of higher education institution, and if so, at which institution, depend on a host of influences and pressures. While all of the items listed in Tables 1a and 1b are important, this paper is focused exclusively on certain students--nonresidents, and one important factor--nonresident tuition. From among all the things which influence college participation, especially by nonresidents in UW institutions, tuition is a key target for public policy decisions. This is true generally because tuition is one of the few factors over which the state and the UW-System can have some direct influence. Secondly, nonresident tuition at UW-System institutions is clearly out of line with other comparable institutions. While this situation already places the UW at a clear disadvantage in attracting out-of-state students, this disadvantage may well be intensified during a period of general declines in enrollments across the nation, with concurrent efforts by other states and system of institutions to retain more of their own residents. Where the state was previously a net importer of students, as of 1975 it was a net exporter.

1. Comparison of UW Nonresident Tuition to Other Public Institutions

Nonresident tuition at UW institutions remains high relative to comparable public institutions. In 1978-79 twenty-two midwestern universities charge nonresident undergraduates an average of \$1,812 in tuition and fees for the academic year. UW University Cluster institutions charge \$2,637 or 145% of the group average. (See Table 2.) While data on University Cluster comparable institutions are limited, the National Association of State Universities and Land-Grant Colleges annually provides fairly comprehensive data for Doctoral Cluster comparable institutions. NASULGC data indicate that, in 1967-68, tuition and fees in the Doctoral Cluster were 135% of the median of such charges for state universities and land-grant colleges with doctoral programs (Table 3). By 1978-79, UW-Madison tuition and fee charges to nonresident undergraduates were 170% of the median of such charges, with the comparable percentage for UW-Milwaukee being slightly higher (171%). In fact, in 1978-79 UW-Milwaukee and UW-Madison ranked fourth and fifth respectively in undergraduate tuition and fees for nonresidents. (See Tables 4 and 5.)

EXHIBIT C

11/10/78

2. Trends in the Migration of Students

In 1968, the state of Wisconsin was a net "importer" of students. In that year, almost 14,000 more students came to Wisconsin than left this state to attend postsecondary institutions. By 1975, (the latest year for which data are available) Wisconsin had become a net "exporter" of students, with 2,000 more students leaving the state than coming in to attend school. Halstead (1974) provides measures of both the ability of public institutions to retain resident students and the ability of such institutions to attract nonresidents. The data have been updated to include 1975 (see Table 6) and suggest the following. First, Wisconsin's public institutions have continued to strengthen their ability to retain residents. Among the 50 states and the District of Columbia, Wisconsin tied for rank 18th through 21st place in 1963. By 1968, Wisconsin had increased its standing to a tie for 15th through 16th place. In 1975, Wisconsin tied for 7th and 8th place in retaining resident post-secondary school undergraduates within the state.

Unfortunately, Wisconsin has not fared so well in continuing to attract nonresidents. In 1963, Wisconsin public institutions tied for ranks 31 through 33 in attracting nonresident undergraduates. By 1968, Wisconsin had risen in the standings to a tie for 18th through 21st place. However, the trend stops here. By 1975, Wisconsin public institutions had fallen into a tie for 37th through 39th place.* Thus, by two measures Wisconsin public institutions have markedly less success in attracting nonresident undergraduates.

3. Benefits from Attracting Nonresident Students

Clearly, the UW System does not have the strength it once did in attracting nonresident students. This is due at least in part, to the large increase (in absolute dollar amounts as well as in the percent share of cost) in nonresident tuition since 1968.

Apart from these demographic facts, there are several strong reasons for charging nonresidents less than their current (100% for undergraduates; and 70% for graduates) shares of cost.

First, this state is economically better off for the presence of nonresidents. If each nonresident brings \$5,000 into the state, and this \$5,000 is subject to an economic multiplier effect within the state as a whole of 2, then each nonresident adds a boost to the state's economy of \$10,000. In 1968, when there was a net inflow of 14,000 students into the state, the net effect on the state's economy was \$140 million (14,000) * (\$5,000 * 2)). In 1975, when 2,000 more students left the state than entered, there was a net economic loss to the state of \$20 million.

*While public institutions include the UW and VTAE Systems, it is likely that this data accurately reflects the UW's ability to attract nonresidents.

Second, during a period of anticipated enrollment decline, it is desirable to fully utilize prior investments (sunk costs) in plant, other capital, and existing faculty strengths. Retaining and/or increasing nonresident enrollments would help to fully utilize these capabilities and contribute to covering costs which have already been incurred.

Third, resident fees will increase less dramatically during the enrollment decline period if nonresidents can be attracted and pay a share in the fixed costs associated with a UW education.

Fourth, nonresidents add a heterogeneous/cosmopolitan element to the student bodies of UW institutions. Such contact with persons of differing outlooks and backgrounds is a valuable part of a university experience.

4. The Relationship between Tuition and Enrollments

Any of the options discussed on the following pages will require additional state funds unless the enrollment response is substantial. What economists call the price elasticity of demand measures just how responsive is quantity demanded (in this case as measured by enrollments) to changes in the price of the particular good (in this case as measured by the total cost of attending a UW institution as changed by a reduction in nonresident tuition). Estimates of price elasticities give the percentage change in enrollments which will result from a given percentage change in price, all other things the same.

In addition to providing some basis for estimating enrollment response to reductions in tuition, the price elasticity with regard to tuition also defines the fiscal break even point for the System. Simply put, if a given percentage decrease in tuition does not result in an increase in enrollments at least as large in percentage terms, then total revenue collected from nonresidents will fall.* Thus, for revenue collections from nonresidents to remain constant, a 1% decrease in tuition must result in a 1% increase in enrollments. This implies a price elasticity with respect to tuition of 1.

From the student's point of view, however, tuition represents slightly less than half the cost of attending a UW institution. Thus, for the System to break even in revenue collections, a 1/2% reduction in total cost to the student must result in an increase in enrollments of slightly more than 1%. This implies an elasticity of roughly 2 with respect to the full cost to the student. A quick perusal of some of the relevant literature indicates that such enrollment responsiveness is unlikely. Hoenack's study (1967) and the Carnegie Commissions's own study done by Radner and Miller (1975) both find that, with the exception of low income and lower ability students, price elasticities with respect to the total cost to

*This is strictly true only for very small changes in price (tuition). For the larger changes in price which usually result from changes in public policy, elasticities must be measured over the arc of the demand curve. This requires a slightly different calculation formula. The concept, however, remains the same.

the student of attending higher education institutions are in the range 1 to 0, or far from the break even point.

5. Impact of Other 1979-81 Biennial Budget Proposals on Nonresident Tuition

President Young's budget proposals for 1979-81 include several measures for holding down costs to students. One of the most important of these is the Prior Year Cost Base proposal for setting fees. If this alternative is phased in over two years, being fully implemented first in 1980-81 the benefits to students would be as illustrated below:

	<u>1979-80</u>		<u>1980-81</u>	
	<u>Undergrad</u>	<u>Graduate</u>	<u>Undergrad</u>	<u>Graduate</u>
<u>Doctoral Cluster</u>				
Resident	\$ 30	\$ 44	\$ 66	\$ 96
Nonresident	121	148	262	321
<u>University Cluster</u>				
Resident	26	32	57	69
Nonresident	105	106	229	231
<u>Center System</u>				
Resident	26	N.A.	56	N.A.
Nonresident	104	N.A.	225	N.A.

Under this plan, when fully implemented, nonresidents would receive substantial benefits, ranging from \$225 to \$262 per academic year for undergraduates, and from \$231 to \$321 for graduates by 1980-81. Thus, the alternatives discussed below would provide relief to nonresidents in addition to the amount proposed under the prior year cost base plan. President Young is also recommending that the one course remission for nonresidents living in and primarily employed in Wisconsin be reinstated along with the GPR necessary to fund this policy.

Additional Methods for Reducing Costs to Nonresidents

1. Considerations in Evaluating Alternative Nonresident Tuition Policies

When considering the tuition alternatives which follow it is important to keep in mind several points.

First, the possibility for discrimination among institutions, among students based on geographic origin, or student level must be avoided. Some institutions or students should not be advantaged at the expense of others.

Second, the impact which any lowering of nonresident tuition may have on the Minnesota compact must be carefully evaluated. (i.e., if nonresident tuition is substantially lowered, will Minnesota continue to find it attractive to have a separate agreement with Wisconsin, especially given the future enrollment environment?)

Third, are the enrollment effects from lowering nonresidents likely to be substantial enough to help fill existing (and potential future) unused capacity within the System?

Fourth, is the particular alternative simple to administer?

Fifth, will a reduction in nonresident tuition result in a loss of federal financial aid monies? (At present grant maxima, preliminary evidence is that this is not a problem. However, if these maxima are increased, a loss in such federal funds is likely.)

and Sixth, what is the GPR cost of the alternative, and given that cost how important is the objective of lowering costs to nonresidents relative to holding down costs to residents?

2. General Objective: To bring UW System nonresident tuition into line with charges to nonresidents at comparable institutions.

If the UW System is to improve its success in attracting nonresident students, the costs of attending a System institution must be brought into line with costs of attending comparable institutions. This paper focuses on the contribution of tuition to such costs because tuition is the primary policy variable over which the state and the UW System have some control. There are two main approaches to reducing tuition charges to such students:

1. reduce the costs of education;
2. seek additional GPR support for some portion of costs now charged to nonresidents.

(A third alternative, increasing resident fees to cover a tuition reduction, was considered. This alternative was rejected by the Administration.)

3. Alternative Approaches

Method 1: Reduce the Costs of Education

The UW System has been effective in holding the line on costs, in fact cuts have been sustained during the retrenchment years of the 1970's, and enrollment growth has been managed with little growth in real resources. Efforts to maintain and improve fiscal management are discussed in LR 3.4. Obviously, the costs of nonresident education cannot be reduced without cutting the costs of educating residents, and at this point without adversely effecting quality. Further, there is no evidence that the differential in nonresident tuition between the UW System and comparable institutions in other states is due to differentials in the cost of education. Rather, different states have different policies for setting fees and tuition, and for defining educational costs.

Method 2: GPR Support for Lowering Nonresident Tuition

At present, nonresident undergraduates are charged tuition equal to 100% of cost-per-student. Nonresident graduate students are charged tuition based on 70% of cost-per-student. From the background section of this paper, it is clear that nonresident charges in the UW System are significantly higher than such charges at other comparable institutions. If System nonresident tuition were reduced to levels competitive with such other institutions* the following tuition levels and percents of cost-per-student would result:

	<u>Undergraduate</u>	<u>Graduate</u>
<u>Doctoral Cluster</u>		
Current % of Cost-Per-Student	100%	70%
[1978-79 Tuition]	[\$2,846]	[\$3,485]
Big 10 Average (incl. Northwestern, plus Berkeley & SUNY-Albany)	88% [\$2,502]	51% [\$2,544]
Big 10 Average (excl. Northwestern, incl. Berkeley & SUNY-Albany)	80% [\$2,273]	47% [\$2,348]
NASULGC Median	58% [\$1,651]	35% [\$1,743]
<u>University Cluster</u>		
Current % of Cost-Per-Student	100%	70%
1978-79 Tuition	[\$2,481]	[\$2,504]
Average for 22 Mid-western universities	69% [\$1,912]	(not avail.) (not avail.)

*If the percent of cost sharing for nonresident undergraduate students were reduced from 100% to within the range 58% (NASULGC median comparable) to 69% (comparable to the average for 22 Midwestern Universities), the percent sharing would approximate the systemwide average variable cost proportion for undergraduates. If these same comparative guidelines were followed for graduate tuition, tuition would be less than the system average variable cost-per-student, since the variable cost proportion for graduate education is estimated at roughly 70%.

4. Implementation: Nonresident Tuition Experiment(s)

Policies for making nonresident tuition competitive with charges at comparable institutions can be developed from the general approach outlined under Model 2 above. Each of these variants could initially be experimented with at one or more institutions, or the System could seek to implement them on a systemwide basis. The tri-level fee policies of several years ago were implemented systemwide without the benefit of experimentation. This policy was discontinued after one year, and it could be argued that it should first have stood the test of an experiment. On the other hand, while experiments are often valuable aids to discovering which policies are promising and which are not, experimenting with fees may pose special problems. For example, reducing fees to nonresidents at selected institutions for a trial period may not only induce new nonresident students into these institutions, but may also draw students now at or who would have otherwise attended another UW institution to these selected institutions. In addition, although an experiment may only be in effect two years, patterns of attendance may be established, the effects of which remain long after the end of the experimental period. However, should an experiment prove successful after a two year trial, a new tuition policy could be implemented systemwide in the 1981-83 biennium, before substantial declines in enrollment are experienced.

Three experiment models are outlined below. Following each is a brief discussion of advantages and disadvantages.

Experiment Model 1: A two year experiment at a single institution (UW-Platteville). Nonresident tuition for undergraduates would be reduced to a level competitive with other comparable institutions. Table 7 provides fiscal estimates for three versions of this model.

Advantages:

1. Administration. Since the reduction in tuition would apply to all undergraduates, administration of Experiment Model 1 would be simpler than for models which reduce tuition to some but not all undergraduates.
2. Possibilities for Discrimination--among institutions; among students. Experiment Model 1 would not discriminate among undergraduate nonresidents on the basis of student class level (freshman, sophomore, etc.) or geographic origin. Further, by experimenting at a single institution, the possibility for drawing nonresidents from other System institutions is minimized.

Disadvantages:

1. Minnesota Compact. Any experiment with nonresident tuition may raise questions about the future of the Minnesota compact. Under any experiment, it is presumed that Minnesota would be "billed" at the lower experiment tuition rate for students at the experimenting institution.
2. Generalization of Experiment Results. It is possible that an experiment at one institution may yield results which cannot reliably be generalized to the System as a whole.

Experiment Model 2: A two-year experiment at four institutions (UW-Platteville, UW-Whitewater, UW-Parkside, and UW-Center-Rock County). Nonresident tuition would be reduced to a level competitive with other comparable institutions. The new lower tuition would apply to freshmen in 1979-80, and to freshmen and sophomores in 1980-81. Table 8 provides fiscal estimates for three versions of this model.

Advantages:

1. Generalization of Experiment Results. Testing an experimental fee policy at several institutions may provide a better picture of its likely impact if implemented systemwide.

Disadvantages:

1. Administration. Since the reduction in tuition would not apply to all undergraduates, the administration of Experiment Model 2 would be more difficult than under Experiment Model 1.
2. Possibilities for Discrimination -- among institutions; among students. Although this Model would not discriminate among students based on geographic origin, it would require assessment of different tuition charges depending on student level. Further, by expanding the experiment to four institutions, there is a substantially increased possibility of attracting nonresidents from other System institutions.
3. Minnesota Compact. See Experimental Model 1, Disadvantage 1, above.

Experiment Model 3: A two year experiment at a single institution (UW-Platteville). Nonresident tuition would be reduced to a level competitive with other comparable institutions. The new lower tuition would apply to freshmen in 1979-80, and to freshmen and sophomores in 1980-81. Table 9 provides fiscal estimates for three versions of this model.

Advantages:

1. GPR Request. Experimenting at a single institution for two years, with lower tuition to freshmen in the first year and to freshmen and sophomores in the second would significantly reduce the cost of the experiment.
2. Possibilities for Discrimination--among institutions. Unlike Experiment Model 2, this Model is likely to minimize the possibility of attracting nonresidents from other System institutions.

Disadvantages:

1. Administration. Since the reduction in tuition would not apply to all undergraduates, the administration of Experiment Model 3 would be more difficult than under Experiment Model 1.
2. Possibilities for Discrimination--among students. Although this Model would not discriminate among students based on geographic origin, it would require assessment of different tuition charges depending on student level.
3. Minnesota Compact. See Experimental Model 1, Disadvantage 1, above.
4. Generalization of Experiment Results. See Experiment Model 1, Disadvantage 2, above.

RECOMMENDATION

Experimentation: It is recommended that if experimentation is seen to be desirable, that Experiment Model 1 be chosen. Such an experiment would minimize the potential for inequitable treatment among students and among institutions and would hold the fiscal risk to a more modest level.

Factors Influencing Students' Choices
Among Post-High School Options

Table 1a

I. Factors Influencing the Decision to Enroll

The higher education participation decisions made by students in the traditional college going age group (18 year olds) are influenced by:

- A. Student's ability.
- B. Expected return from investment in education.
- C. Income foregone during schooling.
- D. Financial resources -- parents', student's, and spouse's income and available assets.
- E. Total cost of attendance -- minimum for tuition/fees, books, transportation, room and board.
- F. Eligibility for and availability of financial aid -- grants, scholarships, work, and/or loans.
- G. Peer/family expectations and pressures.
- H. Other factors.

For non-traditional students, the decision to enroll will probably be influenced by the factors listed above as well as several others:

- I. Demands of family responsibilities.
- J. Demands of job responsibilities.
- K. Desire for leisure time.

Factors Influencing Students' Choices
Among Post-High School Options

Table 1b

II. Factors Influencing the Decision to Enroll at a Particular Institution

For students in the traditional age group, the following factors are likely to influence the choice of a particular institution:

- A. Selectivity of Admission.
- B. Program/degree offerings -- diversity and strengths.
- C. Total cost of attending a specific institution relative to other institutions (depends on tuition/fees -- obviously classification as a nonresident is important -- books, travel expense, and room and board). Here the student is not interested so much in absolute amounts, but rather in the cost of attending one specific institution relative to others.
- D. Availability of financial assistance -- the aid package of a specific institution relative to others.
- E. Institutional prestige/status.
- F. Proximity to family.

While many of the things outlined above may well apply to non-traditional students, other factors are likely to be of equal or greater importance. Such students may face many fewer options in terms of alternative institutions. Their choice may more often be to attend a particular school or not to enroll at all. Other important considerations for these students are:

- G. Convenience -- of course scheduling, advising, transportation.
- H. Flexibility -- credit or waiver of requirements for prior course work or work/life experience.

Table 2

1978-79 ACADEMIC YEAR TUITION AND FEES
 UNIVERSITIES IN MIDWESTERN STATES
 UNDERGRADUATE - NONRESIDENT
 (INCLUDES SEGREGATED FEES)

	<u>NONRESIDENT</u>
<u>Comparison Group Average</u>	\$1,812
<u>WISCONSIN</u>	
University Cluster*	2,637
<u>ILLINOIS</u>	
Eastern Illinois University	1,749
Western Illinois University	1,718
<u>INDIANA</u>	
Indiana State University	1,770
Indiana U. - Fort Wayne	1,650
Indiana U. - South Bend	1,650
<u>IOWA</u>	
Northern Iowa	1,320
<u>MICHIGAN</u>	
Central Michigan University	2,117
Eastern Michigan University	2,084
Ferris State College	1,899
Grand Valley State College	1,925
Michigan Tech University	2,001
Northern Michigan University	1,875
Oakland University	2,063
Western Michigan University	1,957
<u>MINNESOTA</u>	
Mankato State	1,004
Moorhead State	1,004
<u>OHIO</u>	
Cleveland State University	1,920
Akron	1,740
Toledo	2,381
Youngstown State University	1,455
Wright State University	1,950

University Cluster as Percent of Group Average	145%
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Source: Telephone Survey

*Instructional fee/tuition of \$2,481 (nonresident)
 plus average segregated fee of \$156.

Table 3

Eleven Year Trend in Median Charges for Undergraduate Tuition & Fees
 NASULGC Member Institutions with Doctoral Programs
 1965-1978

Non-Resident

<u>Year</u>	<u>NASULGC Group Median Amount</u>	<u>UW-Madison Amount</u>	<u>UW-Milwaukee Amount</u>	<u>UW-Madison As Percent of Group Median</u>	<u>UW-Milwaukee As Percent of Group Median</u>
1967-68	\$ 850.00	\$1,150	\$1,150	135%	135%
1968-69	905.00	1,150	1,150	127	127
1969-70	966.00	1,726	1,726	179	179
1970-71	1,106.00	1,798	1,798	163	163
1971-72	1,260.00	1,866	1,866	148	148
1972-73	1,319.00	1,906	1,906	145	145
1973-74	1,336.00	1,956	1,956	146	146
1974-75	1,353.00	2,055	2,055	152	152
1975-76	1,438.00	2,206	2,214	153	154
1976-77	1,521.00	2,423	2,436	159	160
1977-78	1,637.00	2,684	2,698	164	165
1978-79	1,733.00	2,946	2,972	170	171

Table 4

NASULGC Member Institutions with Doctoral Programs
 Ranges of Charges for Non-Resident Undergraduate Tuition and Fees
 1978-79

<u>Dollar Range</u>	<u>No. of Campuses</u> = 130	
\$1,200 - 1,299	7	
1,300 - 1,399	13	
1,400 - 1,499	15	
1,500 - 1,599	8	
1,600 - 1,699	9	
<u>1,700 - 1,799</u>	<u>11</u>	Contains Median Institution
1,800 - 1,899	2	
1,900 - 1,999	4	
2,000 - 2,099	7	
2,100 - 2,199	10	
2,200 - 2,299	5	
2,300 - 2,399	10	
2,400 - 2,499	3	
2,500 - 2,599	4	
2,600 - 2,699	9	
2,700 - 2,799	2	
2,800 - 2,899	2	
<u>2,900 - 2,999</u>	<u>2</u>	Contains UW-MIL and UW-MSN
3,000 - 3,099	1	
3,100 - 3,199	0	
3,200 - 3,299	0	
3,300 - 3,399	1	
Above 3,400	5	

UW-Madison	$\frac{\$2,946}{1,733} = 170\%$
As Percent of Median	
UW-Milwaukee	$\frac{\$2,972}{1,733} = 171\%$
As Percent of Median	

Table 5

NASULGC Member Institutions with Doctoral Programs
1978-79 Non-Resident Tuition & Fees

Highest

	(University of Colorado, Med. Center	\$4,017)
1	University of Vermont, Burlington	3,887
2	University of Michigan, Ann Arbor ¹ .	3,728
3	University of New Hampshire, Durham	3,600
	(Cornell University, Ithaca ² .	3,350)
	(Temple University, Philadelphia	3,000)
4	University of Wisconsin, Milwaukee	2,972
5	University of Wisconsin, Madison	2,946
6	Wayne State University, Detroit ³ .	2,882
7	University of Pittsburgh, Pittsburgh	2,876

1. For juniors and seniors. Freshmen and sophomores pay \$3,468.
2. Statutory colleges only.
3. For juniors and seniors. Freshmen and sophomores pay \$2,643.

Table 6

Migration Measures for Resident & Non-resident
Degree-Credit Students at State Public Institutions
of Higher Education
Fall 1963, 1968 & 1975 (Undergraduate Students)

	Retention Rate of Resident Students ⁽¹⁾						Immigration Ratio of Non-residents ⁽²⁾					
	1963		1968		1975		1963		1968		1975	
	%	Rank	%	Rank	%	Rank	%	Rank	%	Rank	%	Rank
United States	58%	(30)	66%	(31)	73%	(21-22)	10%	(39-40)	9%	(37-38)	10%	(35-36)
Wisconsin	67	(18-21)	76	(15-16)	81	(7-8)	13	(31-33)	14	(18-21)	9	(37-39)
Alabama	60	(25-26)	75	(17-19)	79	(10-11)	13	(31-33)	10	(35-37)	14	(21-22)
Alaska	34	(46)	39	(47)	67	(35-36)	17	(13-16)	21	(5-7)	1	(51)
Arizona	88	(1)	89	(1)	83	(3-5)	19	(10)	17	(11-12)	32	(3)
Arkansas	62	(22-24)	69	(26-28)	71	(26-28)	11	(35-39)	11	(30-34)	12	(28-29)
California	85	(2)	87	(2)	90	(1)	4	(47-49)	4	(47-48)	12	(28-29)
Colorado	71	(13-14)	81	(4-6)	78	(12-15)	25	(5-6)	22	(4)	25	(7-8)
Connecticut	30	(48)	37	(48)	47	(48)	5	(45-46)	8	(38-40)	8	(40-42)
Delaware	43	(43)	50	(42)	58	(42-43)	32	(3-4)	29	(2)	28	(6)
Dist. of Columbia	21	(51)	29	(51)	36	(51)	42	(1-2)	2	(50-51)	30	(4-5)
Florida	62	(22-24)	71	(22-23)	78	(12-15)	6	(42-44)	7	(41-42)	9	(37-39)
Georgia	59	(27-29)	70	(24-25)	72	(22-25)	16	(17-24)	14	(18-21)	15	(19-20)
Hawaii	59	(27-29)	63	(32-33)	74	(19-21)	16	(17-24)	18	(8-10)	17	(12-16)
Idaho	55	(32-33)	62	(34)	64	(38)	15	(25-29)	13	(22-26)	25	(7-8)
Illinois	46	(38-39)	56	(35-36)	68	(31-34)	4	(47-49)	3	(49)	6	(45-47)
Indiana	60	(25-26)	67	(29-30)	68	(31-34)	15	(25-29)	13	(22-26)	11	(30-34)
Iowa	44	(41-42)	52	(39-40)	58	(42-43)	16	(17-24)	12	(27-29)	11	(30-34)
Kansas	72	(10-12)	77	(14)	76	(16-17)	14	(30)	13	(22-26)	13	(23-27)
Kentucky	59	(27-29)	67	(29-30)	76	(16-17)	20	(9)	18	(8-10)	13	(23-27)
Louisiana	78	(3)	83	(3)	82	(6)	5	(45-46)	6	(43-44)	11	(30-34)
Maine	54	(34-35)	55	(37)	60	(41)	16	(17-24)	15	(15-17)	16	(17-18)
Maryland	46	(38-39)	56	(35-36)	70	(29-30)	11	(35-39)	11	(30-34)	14	(21-22)
Massachusetts	23	(50)	34	(49)	48	(47)	3	(50)	4	(47-48)	6	(45-47)
Michigan	72	(10-12)	80	(7-10)	83	(3-5)	11	(35-39)	8	(38-40)	6	(45-47)
Minnesota	67	(18-21)	73	(20-21)	70	(29-30)	6	(42-44)	7	(41-42)	10	(35-36)
Mississippi	76	(5-6)	80	(7-10)	81	(7-8)	13	(31-33)	10	(35-37)	8	(40-42)
Missouri	57	(31)	70	(24-25)	68	(31-34)	15	(25-29)	13	(22-26)	7	(43-44)
Montana	69	(16)	75	(17-19)	72	(22-25)	15	(25-29)	12	(27-29)	16	(17-18)
Nebraska	67	(18-21)	73	(20-21)	72	(22-25)	17	(13-16)	11	(30-34)	13	(23-27)
Nevada	72	(10-12)	71	(22-23)	79	(10-11)	11	(35-39)	17	(11-12)	18	(11)
New Hampshire	45	(40)	45	(45)	42	(49)	32	(3-4)	25	(3)	37	(1)
New Jersey	32	(47)	32	(50)	54	(45-46)	4	(47-49)	5	(45-46)	3	(49)
New Mexico	73	(9)	79	(11)	65	(37)	28	(8)	14	(18-21)	22	(9)
New York	37	(45)	52	(39-40)	61	(39-40)	1	(51)	2	(50-51)	2	(50)
North Carolina	55	(32-33)	63	(32-33)	78	(12-15)	16	(17-24)	16	(13-14)	10	(35-36)
North Dakota	77	(4)	81	(4-6)	75	(18)	16	(17-24)	13	(22-26)	17	(12-16)
Ohio	54	(34-35)	66	(31)	71	(26-28)	11	(35-39)	11	(30-34)	7	(43-44)
Oklahoma	75	(7-8)	78	(12-13)	78	(12-15)	12	(34)	11	(30-34)	13	(23-27)
Oregon	67	(18-21)	80	(7-10)	80	(9)	15	(25-29)	10	(35-37)	15	(19-20)
Pennsylvania	26	(49)	47	(44)	56	(44)	7	(41)	5	(45-46)	5	(48)
Rhode Island	39	(44)	40	(46)	40	(50)	16	(17-24)	15	(15-17)	17	(12-16)
South Carolina	44	(41-42)	48	(43)	71	(26-28)	24	(7)	21	(5-7)	11	(30-34)
South Dakota	62	(22-24)	69	(26-28)	61	(39-40)	18	(11-12)	14	(18-21)	13	(23-27)
Tennessee	58	(30)	69	(26-28)	74	(19-21)	17	(13-16)	15	(15-17)	11	(30-34)
Texas	75	(7-8)	78	(12-13)	84	(2)	6	(42-44)	6	(43-44)	9	(37-39)
Utah	76	(5-6)	80	(7-10)	72	(22-25)	17	(13-16)	12	(27-29)	17	(12-16)
Vermont	49	(36-37)	51	(41)	54	(45-46)	42	(1-2)	33	(1)	34	(2)
Virginia	49	(36-37)	54	(38)	67	(35-36)	16	(17-24)	16	(13-14)	17	(12-16)
Washington	71	(13-14)	81	(4-6)	83	(3-5)	8	(40)	8	(38-40)	8	(40-42)
West Virginia	68	(17)	75	(17-19)	74	(19-21)	18	(11-12)	21	(5-7)	20	(10)
Wyoming	70	(15)	76	(15-16)	68	(31-34)	25	(5-6)	18	(8-10)	30	(4-5)

(1) Residents remaining in home State to attend public IHE as a percent of all residents attending all colleges anywhere.

(2) Non-resident immigration as a percent of total State public IHE undergraduate enrollment.

Table 7
Experiment Model 1: UW-Platteville
Nonresident Undergraduates
(based on 376 students)

(a)

<u>Nonresident Tuition as % of Cost-Per-Student</u>	<u>Revenue Generated With No Increase in Enrollment</u>	<u>Reduction in Revenues With No Increase in Enrollment</u>	<u>Enrollment Growth Necessary to Break Even</u>	
			<u># Students</u>	<u>% Increase</u>
100% = \$2,481	\$933,293	--	--	--
80% = 1,985	746,634	\$-186,659	94	25%
70% = 1,737	653,305	-279,988	161	43%
60% = 1,489	559,976	-373,317	251	67%

(b)

Maximum Reduction in Revenue
(assuming no additional students)

<u>Nonresident Tuition as % of Cost-Per-Student</u>	<u>1979-80</u>	<u>1980-81</u>	<u>1979-81</u>
80%	\$186,659	\$186,659	\$373,318
70%	279,988	279,988	559,976
60%	373,317	373,317	746,634

Table 8
Experiment Model 2: UW-Platteville, UW-Whitewater, UW-Parkside,
UW-Center - Rock County; Nonresident
Freshmen in 1979-80 and Freshmen &
Sophomores in 1980-81.

(a)

<u>Nonresident Tuition as % of Cost-Per-Student</u>	<u>Revenue Generated With No Increase in Enrollment</u>	<u>Reduction in Revenues With No Increase in Enrollment</u>	<u>Enrollment Growth Necessary to Break Even</u>	
			<u># Students</u>	<u>% Increase</u>
<u>1. UW-Whitewater (based on 159 nonresident freshmen)</u>				
100% = \$2,481	\$394,479	--	--	--
80% = 1,985	315,615	\$-78,864	40	25%
70% = 1,737	276,183	-118,296	68	43%
60% = 1,489	236,751	-157,728	106	67%
<u>2. UW-Platteville (based on 117 nonresident freshmen)</u>				
100% = \$2,481	\$290,277	--	--	--
80% = 1,985	232,245	\$-58,032	29	25%
70% = 1,737	203,229	-87,048	50	43%
60% = 1,489	174,213	-116,064	78	67%
<u>3. UW-Parkside (based on 20 nonresident freshmen)</u>				
100% = \$2,481	\$49,620	--	--	--
80% = 1,985	39,700	\$-9,920	5	25%
70% = 1,737	34,740	-14,880	9	43%
60% = 1,489	29,780	-19,840	13	67%
<u>4. UW-Center -- Rock County (based on 14 nonresident freshmen)</u>				
100% = \$2,438	\$34,132	--	--	--
80% = 1,950	27,300	\$-6,832	3	25%
70% = 1,707	23,898	-10,234	6	43%
60% = 1,463	20,482	-13,650	9	67%

Table 8

(b)
Maximum Reduction in Revenue
(assuming no additional students)

<u>Nonresident Tuition as % of Cost-Per-Student</u>	<u>1979-80</u>	<u>1980-81</u>	<u>1979-81</u>
80%	\$153,648	\$307,296	\$460,944
70%	230,458	460,916	691,374
60%	307,282	614,564	921,846

Table 9
Experiment Model 3: UW-Platteville; Nonresident
Freshmen in 1979-80, and Freshmen
& Sophomores in 1980-81. (Based
on 117 Freshmen.)

(a)

<u>Nonresident Tuition as % of Cost-Per-Student</u>	<u>Revenue Generated With No Increase in Enrollment</u>	<u>Reduction in Revenues With No Increase in Enrollment</u>	<u>Enrollment Growth Necessary to Break Even</u>	
			<u># Students</u>	<u>% Increase</u>
100% = \$2,481	\$290,277	--	--	--
80% = 1,985	232,245	-\$58,032	29	25%
70% = 1,737	203,229	-87,048	50	43%
60% = 1,489	174,213	-116,064	78	67%

(b)

Maximum Reduction in Revenue
(assuming no additional students)

<u>Nonresident Tuition as % of Cost-Per-Student</u>	<u>1979-80</u>	<u>1980-81</u>	<u>1979-81</u>
80%	\$ 58,032	\$116,064	\$174,096
70%	87,048	174,096	261,144
60%	116,064	232,128	348,192

NOTES TO TABLES 7, 8 AND 9

1. "Tuition" is used to mean the total of the resident fee and the nonresident differential.
2. Cost-per-student and tuition figures are for 1978-79.
3. Enrollment figures are for 1977-78. In the case of UW-Center-Rock County the number of nonresident freshmen was assumed (in the absence of actual data) to be one-fifth of the total (70) for the Center System.