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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 11, 1977
9:02 A.M.

President Hales presiding

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

ABSENT: Regent Lavine

Upon motion by Regent Neshek, seconded by Regent Gerrard, it was VOTED, That the minutes of the Regular Meeting of the Board of Regents of the University of Wisconsin System held on October 7, 1977, be approved as sent out to the Regents.

REPORT OF THE PRESIDENT OF THE BOARD

President Hales recognized Regent DeBardleben, who made the following statement:

"I wish to comment briefly and introduce a resolution relating to the death of A. Matt. Werner in Sheboygan on November 3, at the age of 83.

"It was in this room on March 14, 1969, that Regent Werner announced to the other members of the Board that he had submitted his resignation to Governor Knowles after serving for 30 years on the Board of Regents.

"Later the same day his fellow members adopted a resolution commending him for his service. You will recognize the names: Regents Gelatt, Kahl, Nellen, Pasch, Sandin and Ziegler. The resolution noted that: 'A. Matt. Werner has served the University of Wisconsin as a member of the Board of Regents for an unparalleled thirty consecutive years under appointment from four Wisconsin governors and has been president and vice president of the Board for nearly half of that span of years; his sound judgment and perceptive leadership have advanced this institution and its ideals in a manner which has enriched the state's tradition of citizen guidance of the University. He has won the respect of scholars in the University community with his commitment to free inquiry . . . he has been one of Wisconsin's outstanding newspaper publishers and one of its leading examples of service to community, state and nation during a long and fruitful career . . .'"

Regent DeBardeleben, noting that he had had the privilege of serving for nine years on the Board with A. Matt. Werner, moved adoption of the following resolution, the motion was seconded by Regent Neshek, and it was voted:

Resolution 1550: That the members of this Board affirm and acknowledge the great contributions of A. Matt. Werner to the University and State of Wisconsin, and extend our sympathy to his widow, Dorothy, his four sons and his daughter, his twenty-five grandchildren and one great grandchild.

Regent Hales recognized Mr. John Rury, a member of the International Committee Against Racism, who made the following statement:

"My name is John Rury and I am a member of the International Committee Against Racism. What we would like to talk about is the University investments in corporations with holdings in South Africa, and to inform the Regents of some information that we uncovered about the policy of corporations in South Africa, particularly corporations that subscribe, or claim they subscribe, to the Sullivan code of ethics for corporations. This is because the Regents, in their past deliberations on investments in South Africa of the University's holdings in corporations with investments in South Africa, have been contingent upon the Sullivan code. We have looked at the annual report of three corporations the University has holdings in, that have operations in South Africa, and that claim they subscribe to the Sullivan code. We have also looked at the U.S. Senate Subcommittee on African Affairs reports from May 1977 in which several companies' operations were discussed as well. We find that one such company is Mobil Oil. We find that contrary to the dictates of the Sullivan code, Mobil Oil has 92% of all of its black African workers in the lowest skill grades of work. The monthly pay to those low grades, for the lowest skill grade in which almost 70% of the black workers are employed, comes to \$123 a month, which is almost \$30 beneath what the South African Institute on Race Relations describes as a subsistence wage for a family in South Africa. This is a corporation that claims they provide equal facilities and equal pay for equal work. In that same job category there are no white workers at all. The lowest skill grade one finds white workers in is the fourth highest, and the average monthly wage for white workers in that lowest skill grade comes to \$210 a month, which demonstrates a significant difference between what white workers receive for work and what black workers receive.

"Another such corporation is Union Carbide. According to Union Carbide's own report, the monthly salary for unskilled mining workers is \$48 a month and this is probably on a seasonal basis, whereas the average monthly salary for white workers in Union Carbide's mines comes to \$140 a month for the same sort of seasonal work. Union Carbide pays white workers an average of \$9,262 a year--and pays Africans an average of \$460 a year. Again, this is a corporation that claims it subscribes to the Sullivan code.

"The third corporation is General Motors. General Motors was one of the companies that was asked to testify before the Senate Subcommittee on African Affairs and at that time testified that it had no blacks in supervisory positions and had only 13 blacks in any kind of management capacity whatsoever and that those were restricted to management over black workers because by South African law a corporation cannot have black workers in any kind of supervisory capacity over white or colored or Asians. I could go on and give more such details, but

I think what this demonstrates, what these three cases demonstrate, is that the Sullivan code, on which the Board has based its deliberations regarding these investments, is not a very meaningful measure of what in fact goes on in South Africa. The corporations that claim they subscribe to the Sullivan code do in fact profit from the same sort of racist oppression and exploitation that all other corporations do in South Africa. These corporations are no exception. We in the Committee Against Racism feel very strongly that the Regents should drop the University's holdings in corporations in South Africa. We also feel very strongly that the University of Wisconsin should take a much stronger stand on affirmative action because we believe that racist oppression in South Africa and the United States are fundamentally the same. We feel the Regents should use money, and this may be only symbolically because of legal restrictions, but we feel the University should use the money that it now has tied up in South Africa to establish a vigorous and meaningful affirmative action program at the University of Wisconsin, where a little more than 2% of the student body is composed of minorities. We feel that this is deplorable (a) that the University has holdings in corporations practicing discrimination in South Africa and (b) that there are so few minority students and faculty here at the University."

Regent Barkla said that she agreed basically with Mr. Rury's statement and inquired if the Committee had organized any kind of boycott of companies in terms of ordinary people who buy their products.

Mr. Rury replied that they have organized around certain products, products that are explicitly from South Africa. He said to organize a boycott of the over 300 corporations doing business in South Africa would face the problem of identifying specific products that are explicitly from South Africa, and because of the integration of modern industry, that would be pretty impossible to do. He said that U. S. involvement in South Africa is so pervasive that only in the case of a few specialized products can they be pinpointed; most other things are embodied in a vast array of other products.

Regent DeBardleben inquired if the Committee was asking the Regents to dispose of the stock of Mobil Corporation and General Motors, all of their stock, not just a pro-rated share representing the business that is done in South Africa. Mr. Rury replied in the affirmative. Regent DeBardleben said that he supposed that if everybody who felt that way would stop buying General Motors cars, without worrying if they were made in South Africa or not, and stop pulling up to Mobil Gas stations, maybe it would hurt their business enough so that we would feel that as investors we would no longer want to be associated with them. Mr. Rury replied that his point is that the extent of involvement in U.S. corporations is so great that in fact that would mean that we would be able to buy virtually no gas, we would be able to use no car, and he thinks it is more effective to go the way his organization advocates.

Regent Erdman said she wondered how this would affect these companies--are they aware of the fact that their stock is being sold? Does it hurt them financially?

Mr. Rury said he thought it would be a symbolic gesture of the University's position on racism and particularly on apartheid, and "we would like to stress that we think the flipside of that coin, the flipside of racism, is what in fact is going on here--the fact that there are so few minority students and faculty here at the University of Wisconsin".

Regent Neshek moved that Chapter I, Section 6, of the By-Laws be amended to read as follows:

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

and that Chapter V of the present By-Laws be rescinded and a new Chapter V (attached as EXHIBIT A) be created, and the motion was seconded by Regent Fitzgerald. Regent DeBardeleben's motion to amend Chapter I, Section 6, to change the letter capital E in "Edition" to lower case and the letter capital C in the word "Current" to lower case and that the italics not appear in the version as published was accepted by the maker of the motion and by the seconder.

The question was put on the proposed amendments, and they were voted.

President Hales referred to the report of the meeting of the Joint Legislative Audit Committee, attached as EXHIBIT B. Regent DeBardeleben stated that he was concerned with the implication in the document that says we will have an opportunity to comment prior to final decision on implementation. He said he felt the Board should still be in the position of deciding whether it is going to resist any such fiat from the committee. He said he was not willing to accept the idea that a management audit of System administration is anything different from what we have been objecting to and could not see how there could be a management audit of Central Administration without getting into the academic areas that this Board has taken the position the committee and the Legislative Audit Bureau have no business being in, and in fact would be in violation of the law because the provisions of the statute that was enacted a couple of years ago say that they should stay out of academic matters.

Senior Vice President Smith stated that Regent DeBardeleben was correct -- it is very difficult to know whether it is a performance audit or a management audit until you see the statement of purposes and procedures. He said he assumed that the Regents at any time have the right to decide if they believe there is a violation of the law, and instruct the staff to cease, pursuant to a legal test. He said he felt judgment would have to be made after we see the protocol for the audits. Regent DeBardeleben stated that he was perhaps reading an implication where there isn't one, but there seemed to be the implication that we are sitting here in a passive mood awaiting what shall be handed out to us. He said he did not think that was our mood and did not believe that is our purpose. Regent Neshek stated that it was his belief that we have a tacit understanding with the Legislative Audit Bureau that they would submit protocols to us and then we would make our comments and our decision as to whether or not it was a lawful audit or whether, in our judgment, it violated any of the statutory procedures; so we have specifically reserved the right to make that judgment after the protocol is received. He stated it was his understanding that no performance auditing will be conducted until the exact limitations of audit have been submitted to the Board of Regents.

Senior Vice President Smith noted that audits could go forward without the Board's approval because the Legislative Audit Bureau have made it clear they will not put themselves in the position that they could not authorize an audit without the Board of Regent's approval. They have agreed not to authorize audits

without the Board's commentary and position before them. Regent DeBardleben stated it was his understanding that Central Administration would not do anything to implement what the Legislative Audit Bureau directs without the Board of Regents' approval. Senior Vice President Smith concurred in the previous statement. Regent Neshek said that if the protocol came in and the Board determined that it was for an audit not authorized by the statutes, we would have the options of refusing to cooperate, request an Attorney General's Opinion, or whatever might be the proper action at that time, but we certainly retain the option to make that decision after the protocol is received.

Regent Beckwith stated it was his interpretation that we boot the ball in the direction we wish. It is a hopeful report. These are two rather limited areas and it does seem that a proper protocol and procedure could be devised in these circumstances. Regent DeBardleben requested the Secretary to underline the word "could".

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President Hales stated that the practice of reporting on the activities of the Vocational, Technical and Adult Education Board meetings would be continued in the future. The report of the meeting held on September 20, 1977, is attached as EXHIBIT C.

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REPORT OF THE PRESIDENT OF THE SYSTEM

President Young stated it was the opinion of Central Administration that the meeting scheduled for January 6, 1978, was not necessary.

Regent Neshek moved that the January 6, 1978, meeting of the Board be cancelled, the motion was seconded by Regent McNamara, and it was voted. President Young noted that the December meeting will be held in Milwaukee, and the Secretary reminded the Regents that they should make hotel reservations.

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President Young reported the sudden death of Assistant Chancellor Elwin Sigmund, UW-Stevens Point.

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

Resolution 1551: 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 D, on file)

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REPORT OF THE EDUCATION COMMITTEE

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

Regent Lawton reported that all Regents had been invited to attend the meeting of the Education Committee on the previous day to consider the November 1, 1977, paper entitled A Report and Recommendations by the Board of Regents (attached as EXHIBIT E) prepared by Regent Lavine following the discussion of collective bargaining that took place during the October meeting of the committee.

Regent Lawton reported the extensive discussion in the Committee meeting dealt primarily with two emphases: (1) the matter of the position not to "support enactment at this time of legislation enabling the faculty and academic staff of Institutions of the University of Wisconsin System to bargain collectively" (Article IIIA), and (2) Article V, dealing with the Regents, as a body, advising the Legislature on particular elements which should be incorporated in enabling legislation that might be undertaken. He reported the latter discussion centered upon:

- Scope of Bargaining
- Primacy of Agreement
- The Two-Step Election Ballot
- Impasse Resolution

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

Resolution 1552: That the Board of Regents of the University of Wisconsin System adopt the position paper dated November 1, 1977, on Collective Bargaining and instruct the President of the Board and the President of the System to implement it. (EXHIBIT E, attached)

Regent Barkla noted that she had not been able to be present at the meeting on the previous day and inquired if the resolution should be interpreted as a vote against collective bargaining. Regent Lawton responded it was clear that the Regents would oppose at this time enabling legislation for collective bargaining. Regent Barkla inquired if it should be interpreted that people on the committee are against the concept of the faculty having the apparent right to organize collectively. Regent Lawton responded that there are members of the committee and Regents who feel the faculty does have that right and expressed it very strongly, but felt that the System policy is such at the present time that the Board should not favor the passing of such legislation. Regent Barkla inquired if there was any discussion of how this opposition would take shape if the Regents lobby against the bills that surely are going to be introduced. Regent Lawton stated the President of the System and his staff were instructed to inform legislators that we definitely oppose it at the present time. Their testimony would be designed on the basis of the contents of the bills introduced.

Regent Barkla stated that she was going to have to vote "No" on the resolution because she was not sure what the policy paper contains.

Regent McNamara stated that while the policy paper does express a position on collective bargaining, it is not necessary to the faculty at this time. He noted that item V on page 12 reads: "Finally, if despite the serious problems noted in II-IV of the preceding, general public policy considerations cause the

Legislature to move toward enabling legislation for higher education prior to the availability of more definite information" -- then it goes on to say that the Regents would participate, and there followed a series of position statements expressing the policy of the Regents should legislation actually be introduced. He said he was unhappy with items I through IV, but would agree almost completely with everything expressed in V, which very closely parallels the Wagner Act, which is the national policy of the United States with respect to collective bargaining. He said that in view of the constructive features in item V and also in view of a possible conflict of interest, he abstained from yesterday's voting and would like to be so recorded today.

Regent DeBardleben stated that he voted in the affirmative on the previous day with the greatest reluctance because there are many things about the policy with which he disagreed and if he thought his vote was going to be interpreted as being opposed to the apparent right of the faculty to bargain collectively, he would certainly vote against the policy. Regent DeBardleben referred to the underlined statement on page 6, "The Regents do not support enactment at this time of legislation enabling the faculty and academic staff of institutions of the University of Wisconsin System to bargain collectively;", noting that this does not say that you are against collective bargaining, but is saying that you do not believe there ought to be legislation enacted at the present time. He said he had continued to have very serious reservations about the wisdom of this thing and deferred to his fellow Regents because he felt they know more about this matter than he did, but he was not persuaded in any way shape or form that they are right about the entire scope of the bargaining. He said he did not believe that bargainable items should include matters of shared governance, tenure, or academic freedom. He said he was persuaded by what the other Regents have said that they in fact will not be bargainable -- they will not get to the bargaining point. He said he was not persuaded on the primacy of agreement decisions and wondered if the President of the University had had any second thoughts on that matter since yesterday, whether that should be included.

President Young stated that unless the agreement is ratified by the Legislature there is no way to make it legal. The Legislature is not going to turn over to the Regents authority to repeal existing legislation. He said under the present law the Legislature adopts the contract, which in a sense is repealing anything that is contrary to it; so whether we put it in or not, he did not believe it makes any difference. Regent DeBardleben stated that as long as it doesn't make any difference, he would move to delete Paragraph V, LEGISLATIVE CONSIDERATIONS FOR 1977-79, B. Primacy of Agreement, and the motion was seconded by Regent Barkla. The paragraph referred to reads as follows: "Language should be included that extends the primacy of any agreements over provisions of Chapter 36, Wis. Stats., and any existing rules or regulations or policies of the Board of Regents as these affect the individual members of the bargaining unit".

Senior Vice President Smith stated that he would prefer that that paragraph be left in because it is clear that the collective bargaining contracts entered into by the Regents will need to be ratified by the legislative process. He said it is clear that in so doing the statutes ought to include provision that what is ratified in the contract now becomes the law and replaces any other laws with which it is in conflict, and that is necessary to avoid litigation. If it is not clarified in the law, the subsequent action in the Legislature automatically takes precedence. Then you have the question of which law is applicable; that has to be settled in court. He said he felt it important that

it be in this document in order to clarify a point that we think should not be left ambiguous for the faculty, namely that if by inadvertence or some mistake something happens to the law in the contract, and we prefer the law, the law is still available. He said that is not true and it cannot happen that way, and that he believed it useful to make it clear in this document.

Regent McNamara stated that he agreed with Vice President Smith for the reasons outlined and for additional reasons as well. Bargaining by its very nature is specific, and he recognized that the Legislature does have the final veto on anything we do. He stated that in the bargaining process a great many items will be addressed and will be agreed upon, and these agreements ought to stand and become the rules governing the actions of both parties unless it is specifically vetoed by legislation. Regent DeBardleben stated that it was assumed by Vice President Smith and Regent McNamara that the Legislature, as a body, is necessarily going to approve any collective bargaining agreement reached, and he was not sure that is true. He said the bargaining may be conducted by a committee such as JOCER or by DOA or by the Governor within the framework of money that has been appropriated by the Legislature, and it does not follow that the Legislature would even be in session when the agreement is made. He said the reason he would like to see the paragraph deleted is because he regarded it as another back-up to his desire to see essential academic values protected, and they are protected in Chapter 36, and it was part and parcel of his misgivings about this whole proposal which placed those values in jeopardy and subject to the vagaries and vicissitudes of year to year bargaining.

The question was put on the amendment, and it failed, with Regents Barkla and DeBardleben voting "Aye", and the remaining Regents present voting "No".

Regent Lawton observed that Regent Beckwith had brought up a disturbing prospective specter -- should the Legislature accept all of the seven suggestions and write a bill exactly the way we want it, are we then going to oppose it? Senior Vice President Smith stated that at this time we are saying for a host of reasons we do not believe any bill is wise and that would continue to be our position. It is the difference between saying not only do we oppose any bill at this time, but we are particularly opposed to items X, Y, and Z of the bill. It is the expression of the particularity of the opposition and he said he did not believe the fact that the bill fits all of the terms of reference set relieves that earlier action. Regent Beckwith stated that he agreed that one of our principal arguments is that we need more experience, and this may not be the arena for experimentation inasmuch as experimentation here is a very dangerous prospect -- sort of a one-way street. He pointed out that everything that the Regents do is at this time and we do not bind future generations. He said he would like to make it clear that so far as he can determine for basis of precedence, he was voting against enabling legislation for collective bargaining. He said one of the reasons he was doing that was that he did not believe there was enough good information to support it as a good idea, but he may change his mind in the future, but not until there is better evidence, which he did not see coming.

The question was put on the resolution, and it was voted, with Regent Barkla voting "No", Regent McNamara abstaining for the reasons stated above, and with Regent Lavine absent.

Regent Lawton reported that in the Committee meeting on the previous day there had been a presentation by Dean W. Robert Marshall, College of Engineering, UW-Madison, entitled "Review of College of Engineering Programs". The full text of Dean Marshall's remarks is available for distribution to the members of the Board.

Regent Lawton reported that the Committee received the Annual Report on Women's Studies. He reported Senior Vice President Smith paid tribute to Academic Planner Karen Merritt (System Administration) and the institutional representatives for the record of success that Women's Studies has achieved in the System. In the future the Board will continue to be brought news of new developments and/or problems; however, the practice of annual reports will be discontinued.

Regent Lawton stated the Report of the Senior Vice President to the Committee on the previous day included the following items:

(1) Progress Report on the Performing Arts Study.

Regent Lawton stated that Senior Vice President Smith reported that the study by Dr. Grant Beglarian, Dean of the School of Performing Arts, University of Southern California, is proceeding on schedule and a draft report is expected in February, followed by the final report after the deans and departmental chairpersons of the involved institutions have had a chance to discuss the conclusions and recommendations.

(2) Appointment of Television Production Coordinator

Regent Lawton stated that the Committee was notified that Dr. Kenneth L. Warren, Associate Director for Marketing at the University of Mid-America, Lincoln, Nebraska, has been named to the System position of Coordinator of Television Production and Media Information. He will begin his duties on January 1, 1978.

Regent Lawton stated the Committee was informed that the Report of the Special Education Task Force had been received and requested that it be assigned to the System Education Professions Advisory Council for review, analysis, and final recommendations.

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

Resolution 1553: That the Regents receive the Report of the Cooperative Plan for Personnel Preparation in Handicapped Education (1977) and refer it to the University of Wisconsin System Education Professions Advisory Council for review, analysis, and recommendations.

Regent Lawton stated that Vice President Smith announced a change in procedure in the future to allow for more discussion and inquiry on personnel policies; they will be brought forward for information at a first reading with action scheduled for the succeeding meeting of the Board.

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

Resolution 1554: That, upon recommendation of the President of the UW System and the Chancellor and Faculty Senate of UW-River Falls, the UW-River Falls faculty personnel policies and procedures document be approved, as required under UWS 2.02.

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

Resolution 1555: That, upon recommendation of the President of the UW System and the Chancellor and Faculty of UW-La Crosse, the Master of Science program in Adult Fitness-Cardiac Rehabilitation be approved with an effective implementation date of Fall, 1978. Also, that the program be subject to a joint System/campus review during the 1981-82 academic year.

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

Resolution 1556: That, upon recommendation of the President of the UW System, Resolution 1326, dated October 15, 1976, be amended to read as follows (amended portion underlined):

That the Regents recognize the responsibility of the individual instructor to determine policy concerning recording of lectures in his or her classroom.

Prohibitions of tape recorders in classrooms may not be imposed upon qualified handicapped students who must utilize tape recorders because of the nature of their handicaps to effectively participate in a class provided such students have signed agreements that they will not release the tape recording or transcription to others.

Notwithstanding the above, a teacher may, on certain occasions, for reasons concerning pedagogical practice or academic freedom, interdict the taking of notes. At such times, he/she may also forbid the use of tape recorders.

Regent Walter inquired as to the definition of "qualified handicapped students". Regent Lawton responded there are quite specific definitions in the federal guidelines as to who is handicapped. Regent DeBardeleben stated it was

his assumption there is no change in the tradition that the faculty member who interdicts the taking of notes has the authority to make that decision without review. Regent Lawton stated that if the taking of notes by the non-handicapped is prohibited, the prohibition of the tape recorder will also apply.

The question was put on Resolution 1556, and it was voted.

Regent Lawton reported that the committee next considered the first reading on institutional entitlements to plan. He reported that committee members asked questions for clarification concerning seven of the proposed entitlements, and responses were provided by institutional representatives present in the audience and by Senior Vice President Donald Smith. Action on these proposals is scheduled to be taken at the December meeting.

Regent Erdman inquired why there is no hint given of the cost of these programs as it seems that when they are made a part of the System at the various institutions, this would come at the time when enrollment is just beginning to drop, and we have no hint as to whether or not they are going to be costly programs, whether or not we are going to have to retrain professors, and whether we will need to hire new people. Senior Vice President Smith responded that a detailed fiscal note will include projection of costs in all categories, and that this is done by the campuses, not by Central Administration. He noted the campuses are well aware of the general constraints of austerity, and that the management of the fiscal implications is something each campus will be judging at the time of the implementation. Regent Erdman observed that there should be some kind of entitlement to phase-out to go along with entitlements to plan. Senior Vice President Smith stated the campuses have a standing entitlement to phase out, and that is being exercised through their audit and review procedures. He noted that in the last biennial budget no new additional resources were sought for new programs. He stated the only time this will become a critical issue for the Regents is when we are faced with a desirable program, the costs of which are so large that it could not be managed without going directly to the Legislature, and then that becomes a budget item.

Regent DeBardleben observed this discussion points up the reservations that some of us have about the entitlement to plan device -- it gets to be sort of a review device rather than an entitlement to plan, and he did not believe that was its intended purpose. Senior Vice President Smith agreed, but informed the Board a committee of vice chancellors has been reviewing ACIS I, the basic Regent document on administrative procedures for academic programs, and they have brought forward some recommendation for changes which are now being reviewed by the faculties of several institutions. He said that sometime this year we probably will be bringing forward some proposals for clarifying and improving the document. He said one of the topics under very active discussion is the question of the conceptualization of the entitlement to plan process. One of the proposals that has been brought forward is that the primary action of the Board ought to be taken at the moment of entitlement to plan with considerable fiscal detail and programmatic detail at that time. He noted there are very mixed views on this, as this is the point at which the academic plan of the institution is being formulated and ought to be the time at which the Board considers very carefully the whole academic plan of the institution to affirm it or to raise serious considerations. He noted this is somewhat different from the way we have been running it, but more in the manner described by Regent DeBardleben. He said at the moment he could not tell exactly where this is going to come out as it is under active study

by the faculty and the administration at several institutions, particularly as they look into their own internal processes and how they manage the whole business of entitling departments and colleges to begin planning and how they manage in the final decision process on whether or not they can implement. He said our present conception is that we are trying to hold to a very close consideration of the mission of the institution and the probable need for this kind of program.

Regent Erdman inquired as to how many entitlements to plan in the past have been actually approved as ongoing programs. Vice President Smith stated it is quite a high percentage, although a number of entitlements to plan last year were withdrawn and requests made for substitution of others at that time. He said that has not happened this year, particularly, but the total list for a four-year projection varies with each institution. He said that in 1978-79 the Administration intended to do a review and analysis process and present it to the Board because it is a four-year cycle and difficult to know how it is working until you have gone through four years of experience with it. Regent Lawton inquired if the report will include entitlements that have been turned down or withdrawn under pressure. Senior Vice President Smith pointed out that if Central Administration turns down a proposal and the institution feels we are being bullheaded, blind, obtuse, or something of that sort, they have the perfect right to bring the matter directly to the Board and have the Board hear the disagreement which has not been resolved. He said we do not anticipate very much of this happening because the process is quite collegial and at its best ought to be that way. There are a lot of informal discussions of entitlement proposals and a lot of the entitlement proposals voted by the institution disappear at that point. He noted there may be alternative ways of getting at a student need other than the launching of a new program, and sometimes they are sort of put into limbo -- questions, objections, and concerns are raised and in effect the institution is asked to go back to the drawing board. He stated he would be overly optimistic to say that there will not be a confrontation at some point in history, but it will not happen very often. He stated a score sheet where all the things are laid out is a very complicated document.

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Regent Lawton stated that UW-Madison Chancellor Shain informed the Committee of the appointment of Bernard W. Nelson as Acting Dean, UW-Madison, Medical School.

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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 stated that Vice President Lorenz reviewed the list of gifts, grants, and U.S. government contracts in the Committee meeting on the previous day, noting that the Medical School, Nursing and Pharmacy capitation grants, listed on pages 2 and 3, will be discontinued after this year. He noted the totals reflect that the System receipts are about \$3.5 million higher than a comparable period last year, with the largest increase attributable to student financial aids -- a trend which should continue through the year.

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

Resolution 1557: 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.

Regent Grover stated the proposed 1978 Summer Session and Segregated Fee Schedule uses the same methodology as employed in the past. The Summer Session fee schedule is based upon the current year's academic fees at the level of one-half of the semester fee.

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

Resolution 1558: That, upon recommendation of the President of the University of Wisconsin System, the 1978 Summer Session Instruction Fee/Tuition Schedule and the Segregated Fee Schedule be approved. (EXHIBIT F, attached)

Regent Grover reported President Young provided an informational status report on the 1978 Annual Review, using as the basis for his discussion his November 1, 1977 letter on the subject, (Attached as EXHIBIT G). Regent Grover stated a more detailed explanation of the Extended Degree Program Pilot Projects was provided by Co-Directors Swinerton and Kolka, who explained that the pilot schools were selected on the basis of program offering, not geographic location. They also assured the committee that considerable effort is being directed toward assuring the quality of the program by utilizing a variety of measures to assess the competency level of those seeking competency-based credits.

Regent Grover stated a status report on the legislatively mandated appropriation structure revision was provided by Vice President Lorenz. This will be included in the 1978 Annual Review items to be presented for Regent consideration at the December meeting.

Regent Grover reported three informational reports were provided by Vice President Lorenz:

(1) 1976-77 Auxiliary Operations

Regent Grover noted that it had been a good year and unless there should be a simultaneous combination of some of the individual problems relating to energy cost increases, inflation, or changes in parietal rules, the next year should be equally good.

(2) 1977-78 General Operations Projections

It was noted that this monthly report, adjusted to reflect the significance of shortfall in enrollment reflects a free balance of \$342,000, a figure which will vary on a monthly basis.

(3) Unrestricted Extramural Support

Regent Grover stated this report was provided at the request of the Committee and was previously distributed to each Board member.

Regent Grover reported that the Committee received signed petitions and a letter relating to System investments in South Africa.

REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

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

Regent Gerrard reported that there had been a presentation regarding UW System roof repair needs in the Committee meeting on the previous day scheduled in accordance with the Regents' request in September to determine if the Regents should take some action which would avoid roof failures within two to five years after construction. He reported that Mr. Nieman, of the Nieman Roofing Company of Minnesota, appeared to present his views of the reasons for our problems and to answer questions. Paul Brown, Director of the Wisconsin Bureau of Facilities Management, also appeared and presented his views of the reasons for the problems with new roofs. Regent Gerrard reported it was the general conclusion that in most cases it was a shared responsibility by the architect, general contractor, roofing contractor, and State of Wisconsin supervision. It was indicated there is a need for more construction supervisory staff, which is being sought. The Committee requested that both the Bureau of Facilities Management and the UW System staff take further action through the use of special consultants to determine if responsibility could be determined for the roof failures at the three buildings at Green Bay and the Fine Arts Building at Superior, and report back to the Committee as soon as possible.

Regent Grover inquired as to what kind of legal action, if any, can the Regents take on the roof failures on three buildings at the University of Wisconsin-Green Bay. Vice President Winter stated that the responsibility lies with the Bureau of Facilities Management and they are the ones that should initiate any action. He said we are proceeding with an action on a Superior building and on the Green Bay buildings the BFM have explored the matter and checked with the Attorney General, but they are not pursuing it. Regent Gerrard stated that cross sections have been taken from three roofs and they have been checked to find out if they were installed according to the plans and specifications. He stated we do not have enough supervision when these things are done. Regent Fish stated that once we have gone through the process of approving the amount of the contract, we have lost, for all practical purposes, control and it goes to the Bureau of Facilities Management. They are the ones who provide the inspectors and it is Mr. Brown's position they do not have enough inspectors. Regent Beckwith inquired whether or not these are bonded roofs. Regent Fish stated that the general contractor has succeeded in getting the roof guarantees extended from two to five years, but once the Bureau of Facilities Management signs off and accepts the building, it is difficult to pinpoint where the blame may reside. He noted that Regent Neshek had taken the position that if something happens, everyone involved should be sued and let the courts find out who should pay for it.

Regent Beckwith inquired if bidders can be disqualified. Regent Fish stated that is being worked on and was discussed on the previous day. Regent Neshek stated the question of prequalification of bidders was raised with Mr. Brown and he indicated that at the present time there are some administrative rules coming from their office which would facilitate and implement a prequalification procedure. He said one of the big stumbling blocks we have had is that some of the contractors who have performed on these roofs where there had been failures continue to reappear on other jobs through the bidding process because we have not had adequate prequalification requirement. Regent Fish stated at present there is no prequalification and a bidder who has had a known failure can continue to bid. He reported the Bureau of Facilities Management is opposed to that and have drafted prequalification programs but have not been able to get them approved to the present time.

Regent Gerrard noted the next resolution provides for the sale of a small parcel of UW-Madison Arboretum land located on the South Beltline of the City of Madison. The proposed sale price is in excess of the two appraisals received for the parcel.

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

Resolution 1559: That, upon the recommendation of the UW-Madison Arboretum Committee, the UW-Madison Chancellor, and the President of the University of Wisconsin System, authorization be granted to sell one 0.47 acre parcel of land located in the Town of Madison for \$32,200 and that the President or Vice President and Secretary or Assistant Secretary be authorized to sign the appropriate documents. Proceeds from the sale of the property are to be deposited in the UW-Madison Arboretum Trust Account.

This parcel is described as follows:

A triangular shaped parcel fronting on the Beltline Frontage Road containing 0.47 acres on a frontage of 219 feet along the north side of the Beltline, part of the NE 1/4, SW 1/4, Sec. 34, T7N, R9E

Regent DeBardleben requested that a report on the implementation of the long range plan, adopted in 1974, showing sales and purchases of Arboretum land since that time be furnished to the members of the Board.

The question was put on Resolution 1559, and it was voted.

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

Resolution 1560: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to lease the following new space and amend an existing lease of the following property:

- (1) 9,500 square feet of space located at 901 Watson Avenue (Wolff Kubly Warehouse), Madison, Wisconsin for the period December 1, 1977 to November 30, 1980

Mr. David Heilman, Lessor
Industrial Investment Corporation
6402 Odana Road
Madison, Wisconsin

This space will be used for UW-Madison Food Service Storage

- (2) An additional 380 square feet of space located at 905 University Avenue for the period November 1, 1977 to June 30, 1978

The University of Wisconsin Foundation, Lessor
702 Langdon Street
Madison, Wisconsin 53706

The 1,948 square feet of space presently leased is used by the UW-Madison Department of Agricultural Economics (College of Agriculture) to house a 5-year national research grant to examine the organization and control of the United States' food. This amendment to the lease for 380 additional square feet is to provide needed office space. The additional monthly rental of \$174.17 will be added to the current rental payment for a total of \$1,067.46.

Regent Gerrard noted that the next resolution relates to complying with current safety and health requirements relating to air exchange problems at the McArdle Cancer Laboratory.

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

Resolution 1561: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the concept and budget report for 1975-77 McArdle Cancer Laboratory Improvements project be approved, an additional \$26,000 of State Building Trust Funds be requested to complete final plans and specifications, and authority be granted to bid and construct the project at a total cost of \$506,700.

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

Resolution 1562: That, upon the recommendation of the UW-Madison and Oshkosh Chancellors and the President of the University of Wisconsin System, authority be granted to plan, bid and construct the following minor projects, at the cost and from the funding sources indicated:

UW-Madison

Cole and Sullivan Dormitories Roof Replacement Project, at a cost of \$67,800 from Program Revenues

UW-Oshkosh

Parking Area Project, north of the Kolf building, at a cost of \$68,000 from Program Revenues

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

Resolution 1563: That, upon the recommendation of the UW-Oshkosh Chancellor and the President of the University of Wisconsin System, authority be granted to forward to the City of Oshkosh, Wisconsin, a letter of intent containing the following information, in order the the City may know that the University of Wisconsin System will grant an easement to the City for the purpose of extending Warren Road to Osceola Street. Such easement will be required to allow City of Oshkosh development of an alternative vehicular traffic carrier if the City agrees to a UW System request to vacate Pearl Avenue from Rockwell Avenue to Wisconsin Street, Upon said vacation of Pearl Street, the President or Vice President and Secretary or Assistant Secretary of the Board are authorized to execute the necessary instruments.

It is the intent of the University of Wisconsin System to grant an easement to the City of Oshkosh for the purpose of providing and developing an extension of Warren Road from Rockwell Avenue to the intersection of Warren Road and Osceola Street, informally described as follows:

A strip of land 50' wide commencing at the intersection of Warren Road and Osceola Street, thence north and westerly abutting the east side of the railroad right of way to its intersection with the existing Pearl Avenue at the railroad crossing approximately 200' south of the Rockwell Avenue right-of-way. Also a strip of land 25' wide abutting the northwest right-of-way line of Pearl Avenue approximately 175' in length from the Pearl Street railroad crossing to Rockwell Avenue.

This easement will provide access for vehicles presently served by portions of Pearl and Blackhawk Streets to be vacated by the City.

(Continued)

A more accurate description of these strips of land is to be provided in a registered-land-surveyor-prepared legal description included in the easement to be granted.

Regent Fish stated that in essence we are moving two streets, closing off one street which is more advantageous to us and giving an easement for the other street. He stated the project made a lot of sense and is going to free up the campus.

The question was put on Resolution 1563, and it was voted.

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

Resolution 1564: That, upon the recommendation of the UW-Stevens Point Chancellor and the President of the University of Wisconsin System, the structure presently known as the Communication Building be named The Communication Arts Center.

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Regent Gerrard stated that he reported to the committee that he had visited the UW-River Falls campus on September 6, 1977, and toured the South Hall facility. He stated that it was his opinion that the existing Regent action to continue the use of South Hall to serve temporary office and classroom needs and then be razed should be sustained.

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Regent Gerrard stated that the committee received the report on UW System energy consumption for 1976-77. The System reduced its level of energy consumption in its central heating and chilling plants by 6.6% from 1975-76 and 12.3% since 1972-73, and the level of consumption of electrical power per gross square foot was reduced 1.5% from 1975-76, and 8.6% from 1972-73.

Regent Grover stated the Committee's attention was called to the significant reduction of energy usage at UW-Green Bay, Oshkosh, Platteville, River Falls and Superior. He noted these reductions ranged from 12% to almost 30%. He continued that it appears the UW System is making progress in reducing its level of energy consumption. Regent Grover inquired if the energy conservation that is taking place today is essentially directed at the dormitory facilities, without covering the balance of the campuses. He also inquired if we have an energy czar on each campus, and finally, although we have these tremendous percentage savings, do we actually experience increased energy costs because of inflation. Vice President Winter responded that we do have continued increased costs because they are going up faster than we can hope to conserve energy. He noted the appropriations for the program revenue teams ends July 1, and it was hoped that we would utilize their talents in the GPR area to further expedite the processes there. He noted that additional funds were recently allocated to seven campuses to do nothing but work on GPR facilities.

Regent Grover stated that it seemed that some campuses are getting a little extra treatment as opposed to other campuses, and that the Green Bay statistics bothered him because it has new facilities and they are still large

energy consumers. He inquired if the matter has been synchronized so that everyone is playing the same tune and all the same kinds of buildings are getting the same kinds of surveys. Vice President Winter responded that he was sure they were not all playing the same tune, but it is hoped that we can get them to do so. He observed that the term "czar" is not used in reference to administrators in this area as we don't like to give anyone that much authority. Regent Erdman inquired if there were any special incentives that can be offered to reduce energy consumption. Vice President Winter responded that there are incentives only in the program revenue area as the GPR area is supported by a sum-sufficient appropriation and transfers cannot be made to other appropriations -- can only be used for fuel.

Regent Gerrard stated that the committee was alerted that several major items will be included in the December agenda of the committee, including the 1978 annual budget review session projects and the 1979-81 capital budget policy paper.

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

Resolution 1565: That, upon the recommendation of the UW-La Crosse and UW-Parkside Chancellors and the President of the University of Wisconsin System, authority be granted to plan, bid and construct the following minor projects, at the cost and from the funding sources indicated:

UW-La Crosse

Nine Building Masonry Repairs Project, at a cost of \$81,600 from State Building Trust Funds/1977-79 Minor Projects Funds

UW-Parkside

Miscellaneous Energy Conservation Improvements Project, at a cost of \$18,500 from State Building Trust Funds/ Energy Conservation Allocation

UNFINISHED AND MISCELLANEOUS BUSINESS

Regent Fish stated that in order that a misstated position does not become recognized as a fact, he wished to call attention to the remark made by Mr. John Rury, the representative of the International Committee Against Racism, who had addressed the Board earlier in the meeting indicating that minorities constituted 2% of the University enrollment, whereas the actual figure is 4.1%, and while he would agree that is deplorably low and would like to have it much higher, he would not like the erroneous figure of 2% carried to the media and in people's minds, because it is actually twice that.

Regent Erdman moved adoption of the following resolution, and the motion was properly seconded:

Resolution 1566: That the Board recess into closed session to consider personnel matters as permitted by Section 19.85(1)(c) of the Wisconsin Statutes.

The resolution was voted on a roll call vote, with Regents Barkla, Beckwith, DeBardeleben, Erdman, Fish, Fitzgerald, Gerrard, Grover, Hales, Johnson, Lawton, McNamara, Neshek, Thompson and Walter voting "Aye" (15), and with Regent Lavine absent.

The meeting recessed into closed session at 11:00 A.M.

The meeting resumed in open session at 11:14 A.M., and President Hales announced adoption of the following resolution:

Resolution 1567: That, upon recommendation of the President of the UW System and the Chancellor of UW-Madison, Len Van Ess, who is currently Associate Vice Chancellor, UW-Madison, be promoted to the position of Vice Chancellor for Administration, UW-Madison, effective immediately, at an annual rate of \$42,000.

The meeting adjourned at 11:15 A.M.

J. S. Holt, Secretary

11-23-77

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

1. COLONEL AND MRS. BENTLEY COURTENAY,
MADISON, WI
COLLECTION OF BOOKS TO THE MCKAY CENTER
LIBRARY OF THE ARBORETUM
MSN ARBOR
2. EDITH R. DOPP, MIDDLETON, WI
CLOTHING TO THE COSTUME SHOP OF THE DEPARTMENT
OF THEATRE AND DRAMA TO BE USED IN PRODUCTIONS
SPONSORED BY THE DEPARTMENT
MSN L&S
3. EATON CORPORATION, KENOSHA, WI
TEN INVERTERS TO THE ELECTRICAL AND COMPUTER
ENGINEERING DEPARTMENT FOR EDUCATIONAL USE IN
THE ELECTRICAL DRIVES LABORATORY OF THE DEPARTMENT
MSN ENGR
4. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON,
REPRESENTING A GIFT FROM CURT MUELLER,
PRAIRIE DU SAC, WI
TREATMENT TABLES FOR THE ATHLETIC DEPARTMENT
TRAINING ROOM
MSN
5. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI
A CALCULATOR TO THE DEPARTMENT OF VETERINARY
SCIENCE
MSN AG&LSC
6. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI
REPRESENTING A GIFT FROM DR. & MRS. W.L. WASKOW,
MADISON, WI
FIVE ETCHINGS BY WILFRED R. WOOLCOTT TO THE
ELVEHJEM ART CENTER
MSN AG&LSC
7. GIFTS TO THE MCKAY CENTER, ARBORETUM:
THE GRABER COMPANY, MIDDLETON, WI -DRAPERIES
AND RODS; THE KRUEGER COMPANY, GREEN BAY, WI
-LIBRARY TABLE AND CHAIRS; THONET INDUSTRIES,
SHEBOYGAN, WI -RECEPTION TABLE AND CHAIRS;
THE SCHUMACHER COMPANY, NEW YORK, NY -FABRIC
FOR UPHOLSTERY; DON REPPEN, MADISON, WI -DESIGN
SERVICES AND SUPERVISION; PROFESSOR AND MRS.
WILLIAM L. SACHSE, MADISON, WI -EIGHT
PHOTOGRAPHIC PRINTS
MSN ARBOR

INSTRUCTION

1. MULTIPLE DONORS
DR. OVID O. MEYER CLINICAL TEACHING FUND-
MEDICAL SCHOOL

(TRUST)

506.00

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

2. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE YEAR IN INDIA PROGRAM AT A TOTAL COST
OF \$45,000 EQUIVALENT IN INDIAN RUPEES TO BE
USED IN INDIA
FOR THE PERIOD 06-01-77 THROUGH 08-01-78
AWARD # G007700251
MSN G E A INTL STU & PROG
3. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
A GRADUATE LEVEL TRAINING AND INFORMATION
DEVELOPMENT PROGRAM FOR PROFESSIONALS WORKING
WITH SEVERELY HANDICAPPED STUDENTS (REDUCTION
AS RESULT OF REQUEST FROM PRINCIPAL INVESTIGATOR)
FOR THE PERIOD 06-01-77 THROUGH 05-31-78
AT A TOTAL COST OF \$104,000.00
AWARD # G007501004, MOD. 1
MSN EDUC STU IN BEHAV DIS (144-K061) 5,000.00-
4. DHEW, OFFICE OF HUMAN DEVELOPMENT
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) TRAINEESHIPS IN SPEECH PATHOLOGY AND AUDIOLOGY
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AWARD # 44-P-25650/5-01
MSN L&S COMMUN DISORDERS (144-K738) 11,959.00
 - 2) TRAINING OF MOBILITY SPECIALISTS FOR THE SEVERELY
DISABLED
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AWARD # 44-P-81311/5-01
MSN EDUC STU IN BEHAV DIS (144-K756) 52,220.00
5. DHEW, PHS, HEALTH RESOURCES ADMIN.
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
 - 1) HEALTH PROFESSIONS CAPITATION GRANT PROGRAM
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # 5 E03 MB15120-12
MSN HS-MED (144-K153) 861,165.00
 - 2) DEVELOPMENT OF A PH. D. PROGRAM IN NURSING
FOR THE PERIOD 09-30-77 THROUGH 09-29-78
AWARD # 1 D23 NU00100-01
MSN HS-NUR GRADUATE CURRIC (144-K766) 173,798.00
6. DHEW, PHS, HEALTH RESOURCES ADMIN.
HYATTSVILLE, MD
NURSING CAPITATION GRANT PROGRAM (BACCALAUREATE)
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # 2 E04 NU01479-06
MSN HS-NUR (144-K167) 193,366.00

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

7. DHEW, PHS, HEALTH RESOURCES ADMIN.
ROCKVILLE, MD
HEALTH PROFESSIONS CAPITATION GRANT PROGRAM
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # 5 E03 MB15611-08
MSN HS-PHR (144-K250) 167,153.00
8. DHEW, PHS, HEALTH SERVICES ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) UNIVERSITY AFFILIATED FACILITY
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$687,776.00
AWARD # MCT-000915-10-1, MOD. 1
MSN GRAD WAISMN RETARD CT (144-K109) 155,396.00
- 2) GRADUATE TRAINING PROGRAM IN PEDIATRIC NURSING
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$279,330.00
AWARD # MCT-000134-14-1, MOD. 1
MSN HS-NUR (144-K164) 60,013.00
9. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
TRAINING PROGRAM IN ENVIRONMENTAL PATHOLOGY
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # 1 T32 ES07071-01
MSN HS-MED PATHOLOGY (144-K812) 72,836.00
10. STATE DEPT. OF
WASHINGTON, DC
DEVELOPMENT OF CURRICULUM AND COURSE MATERIALS FOR
SELECTED ALGERIAN PHYSICIANS
FOR THE PERIOD 09-01-77 THROUGH 09-30-78
AWARD # 1069-787303
MSN HS-MED PREVENTIVE MED (144-K740) 27,000.00
11. VETERANS ADMINISTRATION
WASHINGTON, DC
THE EDUCATION AND TRAINING OF PROFESSIONAL
AND TECHNICAL HEALTH MANPOWER IN THE AREA OF
GERIATRICS
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$237,842.00
AWARD # 2 C (75) IV-50 0406-03, MOD. 1
MSN HS-ADM ADMINISTRATION (144-K326) 121,338.00
12. INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT
WASHINGTON, DC
TRAINING FEES FOR UNITED NATIONS DEVELOPMENT
PROGRAM-WORLD BANK SPONSORED ENGINEERING SPECIAL
TRAINEE
MSN ENGR FOREIGN PROGRAMS (133-B184) 606.25

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

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|-----|--|------------|-----------|
| 13. | NEWSPAPER IN THE CLASSROOM COMMITTEE,
WISCONSIN DAILY NEWSPAPERS,
MILWAUKEE, WI
1977 PRESS IN THE SCHOOL CURRICULUM WORKSHOP
FOR THE PERIOD 06-20-77 THRU 07-08-77
MSN EDUC CURRIC & INSTR | (133-B410) | 2,104.75 |
| 14. | THE 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) | 20,000.00 |
| 15. | MULTIPLE DONORS
SUPPORT GRADUATE COURSE IN UPPER GASTROINTESTINAL
ENDOSCOPY
MSN HS-MED MEDICINE GASTROENT | (133-7632) | 1,900.00 |
| 16. | THE ASIA FOUNDATION,
SAN FRANCISCO, CA
TRAINING PARTICIPANTS FOR ENGINEERING AND
INSTRUMENTATION SYSTEMS
MSN ENGR FOREIGN PROGRAMS | (133-9272) | 1,636.00 |

LIBRARIES

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| 1. | ISIS-HISTORY OF SCIENCE SOCIETY,
BERKELEY, CA
CRITICAL BIBLIOGRAPHY OF THE HISTORY OF SCIENCE
AND ITS CULTURAL INFLUENCES
MSN L&S HISTORY OF SCI | (133-7202) | 4,445.95 |
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MISCELLANEOUS

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|----|--|------------|-----------|
| 1. | UW-IGE TEACHER EDUCATION PROJECT, MADISON WI
UW-IGE TEACHER EDUCATION PROJECT FUND AS
APPROVED 10-24-75 | (TRUST) | 14,450.23 |
| 2. | DOD, ARMY, U.S. MILITARY ACADEMY
WEST POINT, NY
ASSIGNMENT AGREEMENT FOR TEMPORARY APPOINTMENT
AS VISITING PROFESSOR OF MATHEMATICS
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # NONE
MSN L&S MATH RES CTR | | |
| 3. | WI DEPT OF ADMINISTRATION (P/C WITH LABOR)
MADISON, WI
ORAL HISTORY PROJECT & RECORDS MANAGEMENT PROJECT
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AWARD # 900-169&170
MSN G SERV ARCHIVES | (144-K717) | 53,298.72 |

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

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| 4. | INTERNATIONAL RESEARCH AND EXCHANGES BOARD
(P/C WITH NEH)
NEW YORK, NY
SUPPORT FOR SEVEN ROMANIAN HISTORIANS
PARTICIPATING IN A CONFERENCE ON MODERNIZATION
AND INDEPENDENCE IN ROMANIAN HISTORY
FOR THE PERIOD 10-01-77 THROUGH 10-15-77
AWARD # LETTER DTD 08-30-77
MSN G E A INTL STU & PROG | (144-K724) | 2,618.00 |
| 5. | MICHIGAN STATE UNIVERSITY (P/C WITH GOVERNMENT
OF BRAZIL UNDER AGREEMENT WITH STATE AID)
EAST LANSING, MI
COLLABORATION AGREEMENT BETWEEN MICHIGAN STATE
UNIVERSITY AND THE UW-MADISON (PARTICIPANT
SUPPORT)
FOR THE PERIOD 02-27-75 THROUGH 12-18-78
AT A TOTAL COST OF \$33,052.11
AWARD # MEC-WI
MSN AG&LSC INTL AGR PROG | (144-H317) | 6,410.20 |
| 6. | 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) | 1,576.00 |
| 7. | MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL
ACTIVITIES
MADISON, WI
DEFRAY COST OF TRAVEL OF UNIVERSITY STAFF MEMBERS
TO INTERNATIONAL CONFERENCES DURING THE PERIOD
10-01-74 THRU 08-31-78 AT A TOTAL PROJECT LEVEL OF
\$12,619.30
AWARD # 719-II
MSN G E A INTL STU & PROG | (133-A047) | 2,119.30 |
| 8. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
CONSTRUCTION OF MCKAY CENTER IN THE ARBORETUM
MSN ARBOR ARBORETUM | (133-A056) | 16,000.00 |
| 9. | GETTY OIL COMPANY
LOS ANGELES, CA
UNRESTRICTED GRANT FOR THE DEPARTMENT OF GEOLOGY
\$750
SCHOLARSHIP FOR A SENIOR IN GEOLOGY \$750
SCHOLARSHIP FOR A GRADUATE STUDENT \$750
MSN L&S GEOL & GEOPHYSICS | (133-A091) | 2,250.00 |
| 10. | MULTIPLE DONORS
DEPARTMENT OF THEATRE AND DRAMA CHAIRMAN'S
DISCRETIONARY FUND
MSN L&S THEATRE & DRAMA | (133-A133) | 150.00 |

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

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| 11. | FRIENDS OF NESTOR
DEFRAY COST OF PUBLICATION OF NESTOR
MSN L&S HUM-INST FOR RES | (133-A275) | 190.81 |
| 12. | THE UPJOHN COMPANY
KALAMAZOO, MI
SUPPORT OF CONFERENCE ENTITLED, "EXERCISE AND THE
LUNG"
MSN HS-MED MEDICINE | (133-A276) | 200.00 |
| 13. | SHELL COMPANIES FOUNDATION,
HOUSTON, TX
GENERAL FACULTY DEVELOPMENT
MSN G E A CHANCELLORS OFF ADMIN | (133-A309) | 500.00 |
| 14. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
DEPARTMENT OF ANATOMY CHAIRMAN'S DISCRETIONARY
FUND
MSN HS-MED ANATOMY | (133-A377) | 200.00 |
| 15. | MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL
ACTIVITIES, INC.
MADISON, WI
SUPPORT MUCIA'S EXECUTIVE DIRECTOR'S OFFICE
DURING THE PERIOD 07-01-76 THRU 06-30-78
AT A \$251,030 LEVEL
MSN G E A INTL STU & PROG | (133-B080) | 80,870.00 |
| 16. | CENTER FOR PUBLIC REPRESENTATION, INC.
MADISON, WI
DEFRAY CONSULTANT, PROJECT ASSISTANT AND XEROXING
COSTS AT THE CENTER FOR PUBLIC REPRESENTATION
MSN LAW LAW SCHOOL | (133-B156) | 2,338.00 |
| 17. | MULTIPLE DONORS
CHILDRENS PLAY FACILITIES-NEW CENTER FOR
HEALTH SCIENCES
MSN HS-HSP ADMINISTRATION | (133-B210) | 237.00 |
| 18. | STATE OF WISCONSIN
DEPARTMENT OF ADMINISTRATION
MADISON, WI
EMPLOYEE INTERCHANGE PROJECT FOR THE PERIOD
11-01-76 THRU 02-28-78 AT A LEVEL OF \$25,358.47
MSN G SERV OFFC INFORM SVCS | (133-B274) | 5,733.32 |
| 19. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
EXHIBITION FUNDS
MSN L&S ELVEHJEM ART CTR | (133-B418) | 1,000.00 |
| 20. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
MECHANICAL ENGINEERING UNRESTRICTED GRANT
MSN ENGR MECHANICAL ENGR | (133-B430) | 1,500.00 |

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21. STATE OF WISCONSIN
DEPARTMENT OF HEALTH AND SOCIAL SERVICES
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT
FOR THE PERIOD 09-01-77 THRU 05-31-78
AT A TOTAL LEVEL OF \$3,924
MSN HS-MED PREVENTIVE MED (133-B686) 624.00
22. STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES,
MADISON, WI
UNIVERSITY INTERNSHIP AGREEMENT FOR THE PERIOD
09-07-77 THRU 05-20-78
MSN AG&LSC NAT RESOURCES ADMIN (133-B878) 1,200.00
23. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON,
REPRESENTING A TRANSFER OF FUNDS FROM
MR. & MRS. BLAIR TEMKIN
MILWAUKEE, WI
PHILOSOPHY DEPARTMENT CHAIRMAN'S DISCRETIONARY
FUND
MSN L&S PHILOSOPHY (133-B888) 1,375.00
24. MULTIPLE DONORS
OFFICER EDUCATION PROGRAM
MSN OFCR E GENERAL (133-B891) 200.00
25. MULTIPLE DONORS
UNRESTRICTED ACCOUNT FOR THE MEATS GROUP
OF THE DEPARTMENT OF MEAT AND ANIMAL SCIENCE
MSN AG&LSC MEAT&ANIMAL SCI (133-B893) 250.00
26. MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL
ACTIVITIES, INC.
MADISON, WI
DEVELOPMENT OF A NON-FORMAL EDUCATION PROJECT
IN INDONESIA FOR THE PERIOD 07-01-77 THRU
06-30-78
AWARD # 826-II
MSN G E A INTL STU & PROG (133-B898) 2,500.00
27. MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL
ACTIVITIES, INC.
MADISON, WI
SUPPORT FOR TASK FORCE ON NIGERIA
FOR THE PERIOD 08-01-77 THRU 12-31-77
AWARD # 825-II
MSN G E A INTL STU & PROG (133-B899) 1,500.00
28. MAISON DES SCIENCE DE L'HOMME
PARIS, FRANCE
FRENCH POLITICS AND LOCAL GOVERNMENT POLICY:
A LONGITUDINAL STUDY
MSN L&S SOCIOLOGY (133-B902) 2,361.60

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| 29. | HANDWEAVERS GUILD OF AMERICA, INC.
WEST HARTFORD, CT
DEFRAY COST OF PHOTOGRAPHING HANDWEAVING
MSN FR&CS FAM RSRRC&CNSM SC | (133-8904) | 3,750.00 |
| 30. | MULTIPLE DONORS IN MEMORY OF
MRS. GLORIA ANNE HINES
SUPERINTENDENTS' UNRESTRICTED ACCOUNT
MSN HS-HSP ADMINISTRATION ADMIN | (133-8905) | 25.00 |
| 31. | MULTIPLE DONORS
DISCRETIONARY FUND FOR THE CHAIRMAN OF
THE DEPARTMENT OF MEDICINE
MSN HS-MED MEDICINE | (133-8908) | 100.00 |
| 32. | DANE COUNTY JUVENILE COURT PROGRAM
MADISON, WI
JUVENILE COURT PROGRAM INTERNSHIP
FOR THE PERIOD 09-01-77 THRU 01-31-78
MSN L&S SPECIAL PROJECTS CRIM JUS I | (133-8913) | 400.00 |
| 33. | THE FORD FOUNDATION
NEW DELHI, INDIA
DEFRAY PORTION OF INTERNATIONAL AIR TRAVEL
EXPENSE OF EDUCATOR ON STUDY TOUR
MSN L&S SO ASIAN STUDIES | (133-8914) | 500.00 |
| 34. | WISCONSIN SOCIETY FOR JEWISH LEARNING, INC.
MILWAUKEE, WI
PARTIAL SUPPORT OF FACULTY MEMBER'S SALARY
IN THE DEPARTMENT OF HEBREW AND SEMITIC
STUDIES FOR THE ACADEMIC YEAR 1977-78
MSN L&S HEBREW & SEM STU | (133-8923) | 8,903.00 |
| 35. | ATLANTIC RICHFIELD FOUNDATION
LOS ANGELES, CA
GEOLOGY MUSEUM SUPPORT
MSN L&S GEOL & GEOPHYSICS | (133-8924) | 1,000.00 |
| 36. | SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT
MSN BUS BUSINESS, SCH OF | (133-0179) | |
| | 22,144.28 | UNIVERSITY OF WISCONSIN FOUNDATION,
MADISON, WI | |
| | 2,450.00 | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI | |
| | | | 24,594.28 |
| 37. | UNITED CEREBRAL PALSY OF GREATER DANE COUNTY,
MADISON, WI
SUPPORT OPERATION OF THE CEREBRAL PALSY CLINIC AT
UNIVERSITY HOSPITALS
MSN HS-HSP | (133-2968) | 5,000.00 |

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38.	GLADYS GILBERT WEST HAMPSTEAD, NY UNRESTRICTED GRANT TO BE USED BY THE DEAN OF THE SCHOOL OF NURSING MSN HS-NUR	(133-4314)	250.00
739.	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.	UNION CARBIDE CORPORATION NEW YORK, NY UNRESTRICTED GRANT FOR CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR	(133-5929)	10,000.00
+42.	ATLANTIC RICHFIELD FOUNDATION LOS ANGELES, CA DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY FUND MSN ENGR CHEMICAL ENGR	(133-5930)	2,000.00
43.	MULTIPLE DONORS CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS BUSINESS, SCH OF	(133-5984)	1,000.00
44.	MULTIPLE DONORS IN MEMORY OF RICHARD PAFFENROTH UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY	(133-6225)	240.00
45.	GYNECOLOGY-OBSTETRICS ASSOCIATES, MADISON, WI SUPPORT OPERATIONS OF GYNECOLOGY-OBSTETRICS ASSOCIATES MSN HS-MED GYNECOL & OBSTET	(133-6296)	10,000.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND MSN ENGR ADMINISTRATION	(133-6370)	800.00
47.	WISCONSIN LION'S FOUNDATION, INC. ROSHOLT, WI SUPPORT EYE BANK PROGRAM AT THE UNIVERSITY OF WISCONSIN HOSPITALS MSN HS-HSP	(133-7058)	3,350.00



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48.	HARPER & ROW PUBLISHERS, INC. REPRESENTING ROYALTIES EARNED NEW YORK, NY JOHN GUY FOWLKES SEMINAR FUND TO BE USED AT THE DISCRETION OF THE DEAN OF THE SCHOOL OF EDUCATION MSN EDUC GENERAL ADMIN DEANS OFF (133-7090)	10.12
49.	DEPARTMENT OF PLANT PATHOLOGY CHAIRMAN'S UNRESTRICTED ACCOUNT MSN AG&LSC PLANT PATHOLOGY (133-7243) 300.00 THE ROCKEFELLER FOUNDATION NEW YORK, NY 691.15 MULTIPLE DONORS	991.15
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY GRANT IN SCHOOL OF PHARMACY MSN HS-PHR PHARMACY (133-7398)	3,000.00
51.	HOFFMAN-LA ROCHE, INC. NUTLEY, NJ UNRESTRICTED GRANT IN THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE (133-7640)	4,000.00
52.	MULTIPLE DONORS TASTE PANEL FUND MSN AG&LSC FOOD SCIENCE (133-8343)	3,100.00
53.	DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR (133-8366) 328.00 C.G. HILL, JR. MADISON, WI 15,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	15,328.00
54.	MULTIPLE DONORS SUPPORT GENERAL STUDIES IN RESOURCES POLICY MSN AG&LSC NAT RESOURCES RES POL ST (133-8513)	20.37
55.	BLUE BUS CLINIC OPERATION MSN HS-UHS UNIV HEALTH SERV (133-8650) 500.00 COUNTY OF DANE, MADISON, WI 1,035.46 WISC DEPT OF HEALTH AND SOCIAL SERVICES, MADISON, WI 250.00 MULTIPLE DONORS	1,785.46

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56. FAYE MCBEATH FOUNDATION
MILWAUKEE, WI
SUPPORT FAYE MCBEATH INSTITUTE ON AGING AND ADULT
LIFE FOR THE PERIOD 07-01-77 THRU 06-30-78
MSN GRAD INST AGING&ADULT (133-8986) 15,000.00
57. GENERAL MILLS CHEMICALS, INC.
MINNEAPOLIS, MN
WAISMAN CENTER ON MENTAL RETARDATION AND HUMAN
DEVELOPMENT FUND
MSN GRAD WAISMN RETARD CT (133-9545) 125.00
58. PROFESSOR THEODORE E. ROSE
MADISON, WI
DEFRAY EXPENSES CONNECTED WITH THE PUBLICATION OF
THE WISCONSIN SPANISH TEACHER
MSN L&S SPANISH & PORT (133-9684) 100.00
59. UNIVERSITY OF WISCONSIN FOUNDATION,
MADISON, WI
OSCAR RENNEBOHM PROFESSORSHIP IN PUBLIC
ADMINISTRATION
MSN L&S PUBL POL&ADM RES (133-9764) 30,000.00

RESEARCH

1. STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES,
MADISON, WI
EFFECTS OF PCB'S ON JUVENILE RAINBOW TROUT
FOR THE PERIOD 09-15-77 THRU 06-30-78
MSN HS-PHR PHARMACY
2. UNIVERSITY OF ROCHESTER (P/C WITH DHEW PHS FDA)
ROCHESTER, NY
DEVELOPMENT OF A RADIORECEPTOR ASSAY FOR TOXIC-
DIOXINS FOR A PERIOD BEGINNING 09-30-77
AWARD # MEMO OF UNDERSTANDING
MSN HS-MED ONCOLOGY
3. HORACE COLLINS, DOYLESTOWN, PA
ESTABLISH A TRUST FUND, BOTH PRINCIPAL AND
INCOME TO BE USED FOR LEUKEMIA RESEARCH IN
THE DEPARTMENT OF MEDICINE (TRUST) 21,600.00
4. MARSHFIELD MEDICAL FOUNDATION (SUBCONTRACTOR
WITH THE BOARD OF REGENTS OF THE UW-SYSTEM UNDER
PRIME CONTRACT NO1 HR-62936 WITH DHEW PHS NIH)
MARSHFIELD, WI
PREVALENCE OF SPECIFIC HL-A ANTIGENS AND LUNG
DISEASES
FOR THE PERIOD 06-30-76 THROUGH 06-29-78
AT A TOTAL COST OF \$49,302.00
AWARD # 131H003, MOD. 1
MSN HS-MED PREVENTIVE MED (144-H819)

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5. APPLIED URBANETICS INC. (SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE UW-SYSTEM UNDER PRIME CONTRACT HEW-100-76-0196 FROM DHEW, OFFICE OF THE SECRETARY)
WASHINGTON, DC
A STUDY TO DETERMINE THE IMPACT OF SCHOOL DESEGREGATION POLICY ON THE RACIAL AND SOCIO-ECONOMIC CHARACTERISTICS OF THE NATIONS SCHOOLS AND RESIDENTIAL COMMUNITIES
FOR THE PERIOD 09-01-77 THROUGH 01-31-78
AT A TOTAL COST OF \$9,416.00
AWARD # SUBCONTRACT # 1
MSN L&S INST-RES ON POV (144-J355)
6. AGRICULTURE, DEPT. OF
WASHINGTON, DC
AGRICULTURAL EXPERIMENT STATION TITLE V RURAL DEVELOPMENT ACT OF 1972
FOR THE PERIOD 07-01-73 THROUGH 09-30-78
AT A TOTAL COST OF \$227,414.00
AWARD # NONE
MSN AG&LSC ADM-WIS EXP STA (144-F153) 86,634.00
7. AGRIC, FARMER COOPERATIVE SERVICE
WASHINGTON, DC
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 \$42,500.00
AWARD # 12-04-50-8-216-X, MOD. 2
MSN AG&LSC ECONOMICS (AGR) (144-F516) 10,000.00
8. AGRIC, AGRICULTURAL MARKETING SERVICE
WASHINGTON, DC
PRICING PROBLEMS AND EFFICIENCY IN AGRICULTURAL COMMODITY MARKETS: IMPLICATIONS AND ALTERNATIVES
FOR THE PERIOD 09-26-77 THROUGH 09-30-79
AWARD # 12-25-A-2951
MSN AG&LSC ECONOMICS (AGR) (144-K802) 60,000.00
9. AGRIC, AGRICULTURAL RESEARCH SERVICE
BELTSVILLE, MD
PURIFICATION OF BOVINE AND PORCINE FSH AND DEVELOPMENT OF FSH ANTISERA
FOR THE PERIOD 09-22-77 THROUGH 09-30-80
AWARD # 12-14-1001-1213
MSN AG&LSC POULTRY SCIENCE (144-K760) 45,000.00
10. AGRIC, AGRICULTURAL RESEARCH SERVICE
BERKELEY, CA
IN SUPPORT OF THE FOLLOWING:
- 1) RESEARCH ON PRODUCTION OF TWINS IN CATTLE BY NONSURGICAL EMBRYO TRANSFER
FOR THE PERIOD 09-27-77 THROUGH 09-30-78
AWARD # 12-14-5001-313
MSN AG&LSC VETERINARY SCI (144-K786) 12,700.00

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- 2) RESEARCH ON PRODUCTION OF TWINS IN CATTLE BY
NONSURGICAL EMBRYO TRANSFER
FOR THE PERIOD 09-27-77 THROUGH 09-30-78
AWARD # 12-14-5001-313
MSN AG&LSC MEAT&ANIMAL SCI (144-K787) 12,300.00
11. AGRIC, AGRICULTURAL RESEARCH SERVICE
NEW ORLEANS, LA
CHARACTERIZE AND MAINTAIN A REPOSITORY OF NEW
CASTLE DISEASE VIRUSES
FOR THE PERIOD 09-28-76 THROUGH 09-30-78
AT A TOTAL COST OF \$58,000.00
AWARD # 12-14-7001-895, MOD. 1
MSN AG&LSC VETERINARY SCI (144-J413) 29,000.00
12. AGRIC, AGRICULTURAL RESEARCH SERVICE
WASHINGTON, DC
RADIOIMMUNOASSAY KITS FOR TURKEY GONADOTROPHINS
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # 12-14-1001-435
MSN AG&LSC POULTRY SCIENCE (144-K770) 9,000.00
13. AGRIC, ECONOMIC RESEARCH SERVICE
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) A STUDY OF THE BENEFIT-COST INCIDENCE OF MULTI-
PURPOSE LAND INFORMATION SYSTEMS
FOR THE PERIOD 06-18-74 THROUGH 09-30-78
AT A TOTAL COST OF \$16,900.00
AWARD # 12-17-06-8-1004, MOD. 4
MSN AG&LSC NAT RESOURCES RES POL ST (144-F360) 7,400.00
- 2) ANALYSIS OF COSTS AND BENEFITS OF IMPROVED WATER
QUALITY FROM REDUCED AGRICULTURAL POLLUTION
FOR THE PERIOD 09-23-77 THROUGH 09-30-79
AWARD # 12-17-06-8-2153
MSN AG&LSC ECONOMICS (AGR) (144-K793) 3,000.00
- 3) LAND SELECTION AND OPERATION OF WASTEWATER
TREATMENT SITES
FOR THE PERIOD 09-15-77 THROUGH 09-30-78
AWARD # 12-17-06-8-2190
MSN AG&LSC NAT RESOURCES RES POL ST (144-K801) 3,000.00
- 4) STRUCTURE, CONDUCT, AND PERFORMANCE OF FOOD
MANUFACTURING INDUSTRIES
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # 12-17-04-8-1607, MOD. 2
MSN AG&LSC ECONOMICS (AGR) (144-K900) 6,000.00
14. AGRIC, FOREST SERVICE, FOREST PRODUCTS LABORATORY
MADISON, WI
COMPUTER APPLICATIONS IN FOREST PRODUCTS
UTILIZATION RESEARCH
FOR THE PERIOD 10-01-77 THROUGH 04-28-78
AWARD # 11-2
MSN GRAD ACAD COMPUTG CTR SUP & CAP 38,500.00

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15. AGRIC, FOREST SERVICE, FOREST PRODUCTS LABORATORY
MADISON, WI
IN SUPPORT OF THE FOLLOWING:
- 1) FACTORS INFLUENCING THE INTERNATIONAL TRADE IN
FOREST PRODUCTS
FOR THE PERIOD 09-01-77 THROUGH 08-31-80
AWARD # 12-87
MSN AG&LSC NAT RESOURCES FORESTRY (144-K762) 27,400.00
 - 2) STABILITY OF UREA-FORMALDEHYDE ADHESIVES
FOR THE PERIOD 09-29-77 THROUGH 12-31-78
AWARD # 12-91
MSN ENGR ENGR EXPER STA CHEM ENGR (144-K799) 6,000.00
 - 3) METHODOLOGY FOR GATHERING SOUND DATA RELATING TO
THE INFLUENCE OF WOOD-BASED MATERIALS ON
RESIDENTIAL FIRES
FOR THE PERIOD 09-30-77 THROUGH 03-31-78
AWARD # 12-80
MSN L&S STATISTICS (144-K901) 10,244.00
16. COMMERCE, DEPT. OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) STUDY TO DEVELOP A STATE-OF-THE-ART CAPABILITY TO
EFFICIENTLY DELIVER QUALITY VIDEO PRESENTATIONS
OF WEATHER INFORMATION TO THE PUBLIC
FOR THE PERIOD 08-01-74 THROUGH 04-20-78
AT A TOTAL COST OF \$610,566.00
AWARD # 5-35156, MOD. 7
MSN GRAD SPACE SCI&ENG CT (144-F976) 70,000.00
 - 2) A REVIEW OF BEHAVIORAL & PHYSICAL CHARACTERISTICS
OF THE DEVELOPMENTALLY DISABLED
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AWARD # G7-9019
MSN GRAD WAISMN RETARD CT (144-K666) 51,984.00
17. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
ROCKVILLE, MD
CASE STUDIES EMPLOYING SATELLITE INDIRECT
SOUNDINGS
FOR THE PERIOD 08-15-73 THROUGH 09-30-78
AT A TOTAL COST OF \$274,623.00
AWARD # 04-4-158-2, MOD. 7
MSN L&S METEOROLOGY (144-E632) 71,205.00
18. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
WASHINGTON D C
IN SUPPORT OF THE FOLLOWING:
- 1) CONTINUATION OF STUDIES OF THE ATMOSPHERE USING
AEROSPACE PROBES
FOR THE PERIOD 07-01-76 THROUGH 09-30-78
AT A TOTAL COST OF \$202,500.00
AWARD # 04-6-158-44087, MOD. 3
MSN GRAD SPACE SCI&ENG CT (144-H859) 90,000.00

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- 2) NESS MCIDAS MODIFICATIONS
FOR THE PERIOD 05-25-77 THROUGH 02-24-78
AT A TOTAL COST OF \$232,684.00
AWARD # 7-35229, MOD. 1
MSN GRAD SPACE SCI&ENG CT (144-K050) 42,684.00
19. GREAT LAKES HEMOPHILIA FOUNDATION (P/C WITH
DHEW)
MILWAUKEE, WI
SATELLITE HEMOPHILIA CENTER
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # LETTER DTD 09/28/77
MSN HS-MED MEDICINE (144-K775) 26,505.00
20. DHEW, NATIONAL INSTITUTE OF EDUCATION
WASHINGTON, DC
INDIVIDUALLY GUIDED EDUCATION (REDUCTION DUE TO
TRANSFER OF FUNDS TO CONTRACT NO. 400-77-0046)
FOR THE PERIOD 03-01-73 THROUGH 06-30-77
AT A TOTAL COST OF \$10,023,239.00
AWARD # NE-C-00-3-0065, MOD. 14
MSN EDUC RES & DEVEL CTR (144-D907) 25,000.00-
21. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) PUBLIC SERVICE INSTITUTIONAL PROGRAM
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AWARD # G007702040
MSN L&S PUBL POL&ADM RES (144-K636) 14,800.00
- 2) ELIMINATING SEXISM FROM MATHEMATICS EDUCATION
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # G007702871
MSN EDUC CURRIC & INSTR (144-K792) 118,571.00
22. WI DEPT OF PUBLIC INSTRUCTION (P/C WITH DHEW OE)
MADISON, WI
IN SUPPORT OF THE FOLLOWING:
- 1) WISCONSIN VOCATIONAL EDUCATOR MAGAZINE
FOR THE PERIOD 07-01-77 THROUGH 09-30-77
AWARD # PAH 00348
MSN EDUC GENERAL ADMIN VOC STU CT (144-K428) 1,884.00
- 2) SECONDARY VOCATIONAL EDUCATION CURRICULUM
RESOURCE UNIT
FOR THE PERIOD 07-01-77 THROUGH 09-30-77
AWARD # PAH 00348
MSN EDUC GENERAL ADMIN VOC STU CT (144-K429) 7,492.00
- 3) WISCONSIN VOCATIONAL EDUCATOR MAGAZINE
FOR THE PERIOD 10-01-77 THROUGH 06-30-78
AWARD # 8-5188/R-084
MSN EDUC GENERAL ADMIN VOC STU CT (144-K749) 5,320.00

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- 4) CERTIFICATION OF VO-AG TEACHERS-AN INVESTIGATION
FOR THE PERIOD 10-01-77 THROUGH 06-30-78
AWARD # LETTER DTD 9-27-77
MSN AG&LSC CONTIN & VOC ED (144-K774) 9,526.00
- 5) COMMUNITY AND FAMILY SERVICES CURRICULUM
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # 8-5547/R
MSN FR&CS FAM RSR&CNSM SC (144-K814) 8,168.57
- 6) PROJECT ASSISTANT FOR THE WISCONSIN CAREER
EDUCATION CONSORTIUM FOR TRAINING AND RETRAINING
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # PAH 00692
MSN EDUC GENERAL ADMIN VOC STU CT (144-K750) 14,300.00
23. DHEW, OFFICE OF HUMAN DEVELOPMENT
CHICAGO, IL
A SURVEY OF THE NEEDS OF NON-INSTITUTIONALIZED
DEVELOPMENTALLY DISABLED ADULTS
FOR THE PERIOD 09-30-77 THROUGH 09-29-78
AWARD # 50-P-25634/5-02
MSN GRAD WAISMN RETARD CT (144-K671) 54,160.00
24. DHEW, OFFICE OF HUMAN DEVELOPMENT
WASHINGTON, DC
REHABILITATION RESEARCH AND TRAINING CENTER IN
MENTAL RETARDATION
FOR THE PERIOD 04-01-77 THROUGH 03-31-78
AT A TOTAL COST OF \$587,707.00
AWARD # 16-P-56811/5-13, MOD. 2
MSN EDUC STU IN BEHAV DIS (144-J793) 54,707.00
25. DHEW, PHS, ALCHL DRUG ABUSE MNLT HLTH ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) THE CHILD'S CONTRIBUTION TO CHILD ABUSE
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AT A TOTAL COST OF \$71,763.00
AWARD # 5 R01 MH27450-02, MOD. 1
MSN L&S SOCIAL WORK (144-K629) 3,200.00
- 2) BIOCHEMICAL MECHANISMS OF NARCOTIC ANALGESIC
ACTION
FOR THE PERIOD 09-15-77 THROUGH 08-31-78
AWARD # 2 R01 DA00697-04
MSN HS-MED PHARMACOLOGY (144-K723) 44,542.00
- 3) ATTRIBUTIONAL STRATEGIES OF SOCIAL INFLUENCE
FOR THE PERIOD 09-15-77 THROUGH 08-31-78
AWARD # 1 R03 MH30845-01
MSN L&S SOCIOLOGY (144-K727) 6,800.00
26. DANE COUNTY (P/C WITH DHEW PHS ADAMHA)
MADISON, WI
IN SUPPORT OF THE FOLLOWING:

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- | | | | |
|-----|---|------------|------------|
| 1) | OUTREACH DRUG EDUCATION PROGRAM-KINDERGARTEN THROUGH 5TH GRADE FOR THE PERIOD 07-01-77 THROUGH 12-31-77
AWARD # AGREEMENT DTD 07/01/77
MSN G E A DEAN OF STUDENTS CAMP ASST | (144-K253) | 16,317.00 |
| 2) | DRUG INFORMATION CENTER INFORMATION & REFERRAL PROGRAM COORDINATOR FOR THE PERIOD 07-01-77 THROUGH 12-31-77
AWARD # AGREEMENT DTD 07/01/77
MSN G E A DEAN OF STUDENTS CAMP ASST | (144-K254) | 4,725.00 |
| 27. | DHEW, PHS, CENTER FOR DISEASE CONTROL
ATLANTA, GA
IN SUPPORT OF THE FOLLOWING: | | |
| 1) | ESTABLISHMENT OF AN ERYTHROCYTE PROTOPORPHYRIN PROFICIENCY TESTING PROGRAM FOR THE PERIOD 09-23-77 THROUGH 09-22-78
AWARD # 200-77-0717
MSN HS-HYG ADMINISTRATION ADMIN | (144-K721) | 30,662.97 |
| 2) | PROFCIENCY TESTING PROGRAM FOR THE PERIOD 09-30-77 THROUGH 12-29-78
AWARD # 200-77-0746
MSN HS-HYG ADMINISTRATION ADMIN | (144-K811) | 68,514.00 |
| 28. | DHEW, PHS, CENTER FOR DISEASE CONTROL
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING: | | |
| 1) | A STUDY OF THE PREVALANCE OF CHRONIC, NON-SPECIFIC LUNG DISEASES AND RELATED HEALTH PROBLEMS IN THE GRAIN HANDLING BUSINESS FOR THE PERIOD 09-30-76 THROUGH 06-29-79
AT A TOTAL COST OF \$600,000.00
AWARD # 210-76-0175, MOD. 1
MSN HS-MED PREVENTIVE MED | (144-J378) | 179,500.00 |
| 2) | MYCOLOGICAL/ENTOMOLOGICAL EVALUATION OF GRAIN DUST FOR THE PERIOD 09-29-77 THROUGH 11-28-78
AWARD # 210-77-0150
MSN AG&LSC PLANT PATHOLOGY | (144-K771) | 37,925.00 |
| 29. | DHEW, PHS, FOOD AND DRUG ADMINISTRATION
ROCKVILLE, MD
EVALUATION OF SUBSTANCES OF INTEREST TO GENETIC DAMAGE USING DROSOPHILA MELANOGASTER FOR THE PERIOD 09-30-77 THROUGH 09-29-80
AWARD # 223-77-2119
MSN L&S ZOOLOGY | (144-K810) | 165,997.00 |
| 30. | DHEW, PHS, HEALTH RESOURCES ADMIN.
CHICAGO, IL
A TEAM APPROACH TO EMERGENCY MEDICAL CARE FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # 1 A18 PE15031-01
MSN HS-MED MEDICINE PULMON MED | (144-K926) | 166,255.00 |

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31. DHEW, PHS, HEALTH RESOURCES ADMIN.
ROCKVILLE, MD
ANTICIPATORY CARE AND PROBLEM SOLVING BEHAVIOR
FOR THE PERIOD 09-15-77 THROUGH 09-14-78
AWARD # 1 R02 NU00606-01
MSN HS-NUR GRADUATE CURRIC (144-K905) 75,255.00
32. WAYNE STATE UNIVERSITY (P/C WITH DHEW PHS HRA)
DETROIT, MI
EVALUATION OF IMPACT OF DRUG SUBSTITUTION
LEGISLATION
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # WSU 770564
MSN HS-PHR PHARMACY (144-K364) 24,184.00
33. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) 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
AT A TOTAL COST OF \$178,784.00
AWARD # N01 HR-6-2952, MOD. 3
MSN HS-MED PEDIATRICS (144-H818) 96,859.00
 - 2) CLINICAL CANCER CENTER SUPPORT (COMPREHENSIVE)
FOR THE PERIOD 01-01-77 THROUGH 12-31-77
AT A TOTAL COST OF \$1,448,777.00
AWARD # 5 P30 CA14520-05, MOD. 2
MSN HS-MED HUMAN ONCOLOGY (144-J539) 50,000.00
 - 3) INTERCELLULAR CONTACT AND CELLULAR RADIOBIOLOGY
(REDUCTION DUE TO TRANSFER OF PRINCIPAL
INVESTIGATOR)
FOR THE PERIOD 05-01-77 THROUGH 08-31-77
AT A TOTAL COST OF \$8,349.00
AWARD # 5 R01 CA17522-03, MOD. 1
MSN HS-MED HUMAN ONCOLOGY (144-J808) 17,034.00-
 - 4) OPERATION OF THE WISCONSIN REGIONAL PRIMATE
RESEARCH CENTER
FOR THE PERIOD 06-01-77 THROUGH 05-31-78
AT A TOTAL COST OF \$2,422,605.00
AWARD # 5 P40 RR00167-17, MOD. 2
MSN L&S PRIMATE RES CTR (144-J892) 101,411.00
 - 5) EXPLORATORY STUDIES ON CANCER PATIENT DATA -
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$88,159.00
AWARD # 1 R10 CA21077-01, MOD. 1
MSN HS-MED HUMAN ONCOLOGY CAN C-BIOM (144-K022) 427.00

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- 6) INTESTINAL MUCOSAL FUNCTION IN DIABETES
(REDUCTION DUE TO CHANGE IN OVERHEAD RATE)
FOR THE PERIOD 06-01-77 THROUGH 05-31-78
AT A TOTAL COST OF \$27,226.00
AWARD # 5 RO1 AM13927-08, MOD. 1
MSN HS-MED MEDICINE GASTROENT (144-K046) 2,138.00-
- 7) IMMOBILIZED ENZYMES TO ALTER AND ANALYZE
METABOLISM -
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$61,557.00
AWARD # 5 RO1 GM16133-10, MOD. 1
MSN HS-MED MEDICINE LAB-COMPUT (144-K070) 302.00
- 8) CHARACTERIZATION OF A MEMBRANE PROTON-TRANSLOCASE:
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$42,689.00
AWARD # 5 RO1 GM23105-02
MSN HS-MED PHYSIOLOG CHEM (144-K097) 148.00
- 9) DEVELOPMENTAL POTENTIALITIES OF TERATOMA CELLS -
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$56,618.00
AWARD # 5 RO1 CA18994-02, MOD. 1
MSN L&S ZOOLOGY (144-K111) 268.00
- 10) PROLACTIN IN NORMAL AND NEOPLASTIC PITUITARY
TISSUE -
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$50,162.00
AWARD # 5 RO1 CA18110-03, MOD. 1
MSN AG&LSC BIOCHEMISTRY (144-K112) 217.00
- 11) TOTAL BODY ABSORPTIOMETRY -
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$44,121.00
AWARD # 2 RO1 AM17892-03, MOD. 1
MSN HS-MED RADIOLOGY (144-K154) 175.00
- 12) LUNG FLUID, PROTEIN EXCHANGE AFTER HEMORRHAGIC
SHOCK -
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$45,362.00
AWARD # 1 RO1 HL21076-01, MOD. 1
MSN HS-MED SURGERY GEN SURG (144-K156) 155.00
- 13) STRUCTURE, SPECTROSCOPY, AND FUNCTION OF
NEUROPEPTIDES -
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$78,538.00
AWARD # 2 RO1 AM18604-03, MOD. 2
MSN AG&LSC BIOCHEMISTRY (144-K296) 287.00

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- 14) CHOLESTEROL METABOLISM IN HEPATIC NEOPLASMS -
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$57,201.00
AWARD # 2 RO1 CA15664-04, MOD. 1
MSN HS-MED PATHOLOGY (144-K298) 217.00
- 15) THE PRIMATE RETINA AND CHOROID IN MALIGNANT
HYPERTENSION -
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$65,606.00
AWARD # 1 RO1 EY02034-01, MOD. 2
MSN HS-MED OPHTHALMOLOGY (144-K305) 195.00
- 16) THE EYE IN HYPERTENSION -
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$45,637.00
AWARD # 2 RO1 EY01007-04, MOD. 2
MSN HS-MED OPHTHALMOLOGY (144-K306) 180.00
- 17) EFFECT OF AGE ON SULFUR AMINO ACID METABOLISM -
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$39,956.00
AWARD # 2 RO1 AM15227-06, MOD. 1
MSN AG&LSC MEAT&ANIMAL SCI (144-K308) 155.00
- 18) STUDIES OF A FACTOR COMMON TO MOLYBDOENZYMES -
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 08-01-77 THROUGH 07-31-78
AT A TOTAL COST OF \$39,311.00
AWARD # 5 RO1 GM22130-03, MOD. 1
MSN AG&LSC BACTERIOLOGY (144-K313) 210.00
- 19) THE STRUCTURE AND ASSEMBLY OF THE 30S RIBOSOME -
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 08-01-77 THROUGH 07-31-78
AT A TOTAL COST OF \$119,206.00
AWARD # 1 RO1 GM24109-01, MOD. 1
MSN GRAD MOLECULAR BIOL (144-K314) 583.00
- 20) HUMAN VENTILATORY ADAPTATION
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AT A TOTAL COST OF \$60,829.00
AWARD # 2 RO1 HL15469-05, MOD. 1
MSN HS-MED PREVENTIVE MED (144-K366) 9,922.00
- 21) CANCER RESEARCH AT THE MCARDLE LABORATORY
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AWARD # 5 PO1 CA07175-15
MSN HS-MED ONCOLOGY (144-K588) 3,077,365.00
- 22) NEUTRON RADIATION CANCER THERAPY SOURCE
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AT A TOTAL COST OF \$164,659.00
AWARD # 5 RO1 CA13469-06, MOD. 1
MSN HS-MED RADIOLOGY (144-K620) 2,500.00

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- 23) IMPLICATINS OF LOW LEVEL EXPOSURE TO DIOXINS
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AT A TOTAL COST OF \$70,668.00
AWARD # 1 R01 ES01339-01A1, MOD. 1
MSN HS-MED PATHOLOGY (144-K673) 6,210.00
- 24) NUTRITIONAL AND METABOLIC EFFECTS OF FLUORIDES
FOR THE PERIOD 09-20-77 THROUGH 08-31-78
AWARD # 2 R01 AM15521-06
MSN AG&LSC BIOCHEMISTRY (144-K725) 43,978.00
- 25) POSTDOCTORAL FELLOWSHIP INSTITUTION ALLOWANCE
FOR THE PERIOD 09-23-77 THROUGH 09-22-78
AWARD # 1 F32 GM05601-01A1
MSN AG&LSC BIOCHEMISTRY (144-K728) 3,000.00
- 26) GENETIC CARDIOMYOPATHIES IN SALAMANDERS AND
HAMSTERS
FOR THE PERIOD 09-01-77 THROUGH 03-31-78
AWARD # 7 R01 HL22550-01
MSN HS-MED ANATOMY (144-K729) 16,804.00
- 27) MECHANISMS OF DIOXIN INDUCED TOXICITY AND
CARCINOGENICITY
FOR THE PERIOD 09-15-77 THROUGH 08-31-78
AWARD # 1 R01 ES01839-01
MSN HS-MED PATHOLOGY (144-K739) 43,694.00
- 28) LONG-TERM STUDIES OF PREVENTION OF EPITHELIAL
CANCER BY RETINOIDS
FOR THE PERIOD 09-30-77 THROUGH 09-29-80
AWARD # N01 CP 75905
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-K753) 488,000.00
- 29) SYNTHESIS OF ANTICANCER ANTHRACYCLINE ANTIBIOTICS
FOR THE PERIOD 09-30-77 THROUGH 07-31-78
AWARD # 1 R01 CA21387-01A1
MSN HS-PHR PHARMACY (144-K757) 21,884.00
- 30) THE DIAGNOSTIC AND PROGNOSTIC SIGNIFICANCE OF A
NEWLY DISCOVERED ALKALINE PHOSPHATASE IN CANCER
PATIENTS
FOR THE PERIOD 09-15-77 THROUGH 09-14-78
AWARD # N01-CB-74173
MSN HS-MED MEDICINE LAB-COMPUT (144-K759) 52,496.00
- 31) POSTDOCTORAL FELLOWSHIP INSTITUTION ALLOWANCE
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # 5 F32 GM05450-03
MSN AG&LSC BIOCHEMISTRY (144-K761) 3,000.00
- 32) RESEARCH CAREER DEVELOPMENT AWARD
FOR THE PERIOD 09-30-77 THROUGH 09-29-78
AWARD # 1 K04 EY00089-01
MSN L&S PSYCHOLOGY (144-K767) 29,510.00

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| 33) | POSTDOCTORAL FELLOWSHIP INSTITUTION ALLOWANCE
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AWARD # 1 F32 AI05535-01
MSN AG&LSC BIOCHEMISTRY | (144-K768) | 3,000.00 |
| 34) | SYNTHESIS AND PROCESSING OF GLOBIN MRNA
FOR THE PERIOD 09-30-77 THROUGH 07-31-78
AWARD # 1 R01 CA21510-01
MSN HS-MED ONCOLOGY | (144-K776) | 43,595.00 |
| 35) | RESEARCH CAREER DEVELOPMENT AWARD
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # 7 K04 ES00039-03
MSN HS-MED ONCOLOGY | (144-K777) | 33,010.00 |
| 36) | STUDIES ON THE PHARMACOLOGY AND TOXICOLOGY OF
CHLORINATED DIBENZO-P-DIOXINS
FOR THE PERIOD 09-01-77 THROUGH 01-31-78
AWARD # 7 R01 ES01884-01
MSN HS-MED ONCOLOGY | (144-K778) | 47,802.00 |
| 37) | INTERNATIONAL FELLOWSHIP AWARD
FOR THE PERIOD 10-06-77 THROUGH 01-05-78
AWARD # 5 F05 TW02295-02
MSN AG&LSC BIOCHEMISTRY | (144-K784) | 4,150.00 |
| 38) | CONTROLLED CLINICAL TRIAL TO EVALUATE THE EARLY
TREATMENT OF DIABETIC RETINOPATHY
FOR THE PERIOD 09-30-77 THROUGH 09-29-80
AWARD # N01 EY 72148
MSN HS-MED OPHTHALMOLOGY | (144-K791) | 43,309.00 |
| 39) | CONTROLLED CLINICAL TRIAL TO EVALUATE THE EARLY
TREATMENT OF DIABETIC RETINOPATHY
FOR THE PERIOD 09-30-77 THROUGH 09-29-80
AWARD # N01 EY-7-2139
MSN HS-MED OPHTHALMOLOGY | (144-K794) | 119,946.00 |
| 40) | ISOZYME INTERRELATIONSHIPS IN GLUCONEOGENESIS
FOR THE PERIOD 09-30-77 THROUGH 08-31-78
AWARD # 1 R01 AM19215-01
MSN AG&LSC NUTRIT SCIENCES | (144-K798) | 28,980.00 |
| 41) | POSTDOCTORAL FELLOWSHIP INSTITUTION ALLOWANCE
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # 1 F32 GM06214-01
MSN AG&LSC BIOCHEMISTRY | (144-K804) | 3,000.00 |
| 42) | POSTDOCTORAL FELLOWSHIP INSTITUTION ALLOWANCE
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AWARD # 1 F32 AM05714-01
MSN AG&LSC BIOCHEMISTRY | (144-K807) | 3,000.00 |
| 43) | MULTIWIRE PROPORTION COUNTER FOR AREA
ABSORPTIOMETRY
FOR THE PERIOD 09-30-77 THROUGH 08-31-78
AWARD # 1 R01 AM20364-01
MSN HS-MED RADIOLOGY | (144-K808) | 23,868.00 |

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- 44) POSTDOCTORAL FELLOWSHIP INSTITUTION ALLOWANCE
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # 5 F32 HD05401-02
MSN HS-MED PEDIATRICS (144-K824) 3,000.00
34. WI DEPT OF HEALTH & SOCIAL SERVICES (P/C WITH
DHEW PHS)
MADISON, WI
THE VALIDITY OF THE COLOR VECTOR TEST IN
REHABILITATION
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AWARD # GAH 44431
MSN EDUC STU IN BEHAV DIS (144-K785) 13,636.00
35. DOD, ARMY
ARLINGTON, VA
A STUDY OF THE RELATIONSHIP BETWEEN THE
FORMALIZATION OF AN ORGANIZATIONAL MESSAGE
PROCESSING SYSTEM AND ITS EFFECTIVENESS
FOR THE PERIOD 07-15-77 THROUGH 03-14-79
AWARD # DAHC19-77-G-0013
MSN BUS BUSINESS, SCH OF (144-K902) 34,380.00
36. DOD, ARMY
RESEARCH TRIANGLE PARK, NORTH CAROLINA
NONLINEAR INTEGRAL AND DELAY EQUATIONS
FOR THE PERIOD 10-15-76 THROUGH 10-14-79
AT A TOTAL COST OF \$62,000.00
AWARD # DAAG29-77-G-0004
MSN L&S MATHEMATICS (144-J418) 32,000.00
37. DOD, ARMY
WASHINGTON, DC
ACQUIRED IMMUNITY TO PATHOGENIC FUNGI
FOR THE PERIOD 07-01-74 THROUGH 12-31-77
AT A TOTAL COST OF \$151,727.00
AWARD # DAMD17-75-C-5004, MOD. 6
MSN HS-MED SURGERY GEN SURG (144-F465) 14,000.00
38. DOD, NAVY
ARLINGTON, VA
SYMPOSIUM ON NONLINEAR EVOLUTION EQUATIONS
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AWARD # N00014-77-G-0063
MSN L&S MATH RES CTR (144-K726) 5,973.00
39. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) AVAILABILITY OF POLLUTANTS ASSOCIATED WITH
SUSPENDED OR SETTLED RIVER SEDIMENTS WHICH GAIN
ACCESS TO THE GREAT LAKES
FOR THE PERIOD 03-15-77 THROUGH 03-14-78
AWARD # 68-01-4479
MSN GRAD WATER RESOURCES (144-J761) 54,722.00

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- 2) DESIGN AND MANAGEMENT OF SUBSURFACE SOIL
ABSORPTION SYSTEMS
FOR THE PERIOD 11-01-77 THROUGH 10-31-79
AWARD # R805531010
MSN GRAD WATER RESOURCES (144-K919) 180,651.00
40. STATE BOARD OF SOIL & WATER CONSV (P/C WITH EPA)
MADISON, WI
WATER RESOURCES CENTER SUBACCOUNT
FOR THE PERIOD 05-24-74 THROUGH 12-31-78
AT A TOTAL COST OF \$1,057,427.00
AWARD # SUBCONTRACT, MOD. 1
MSN GRAD WATER RESOURCES (144-F942) 400,431.00
41. ENERGY RESEARCH AND DEVELOPMENT ADMIN.
ARGONNE, IL
IN SUPPORT OF THE FOLLOWING:
- 1) PLASMA PHYSICS RESEARCH
FOR THE PERIOD 08-01-76 THROUGH 01-31-79
AT A TOTAL COST OF \$1,302,000.00
AWARD # EY-76-S-02-2387, MOD. 1
MSN L&S PHYSICS (144-J045) 735,000.00
- 2) ENERGY BUDGETS OF ANIMALS: BEHAVIORAL AND
ECOLOGICAL IMPLICATIONS
FOR THE PERIOD 09-01-76 THROUGH 11-30-77
AT A TOTAL COST OF \$79,848.00
AWARD # EY-76-S-02-2270
MSN L&S ZOOLOGY (144-J171) 36,098.00
- 3) HETEROGENEOUS ENGINE IN-CYLINDER MIXING
MEASUREMENTS USING A TRACER TECHNIQUE
FOR THE PERIOD 09-16-77 THROUGH 09-15-78
AWARD # EC-77-S-02-4492
MSN ENGR ENGR EXPER STA MECH ENGR (144-K737) 37,830.00
- 4) FUSION REACTOR TECHNOLOGY STUDIES
FOR THE PERIOD 01-01-77 THROUGH 10-31-78
AWARD # EY-76-S-02-2272
MSN ENGR ENGR EXPER STA NUCL ENGR (144-K758) 100,000.00
- 5) REACTOR SHARING PROGRAM
FOR THE PERIOD 07-01-77 THROUGH 06-30-79
AWARD # EY-76-C-02-2144
MSN ENGR ENGR EXPER STA NUCL ENGR (144-K781) 15,200.00
- 6) FUEL FUNDING
FOR THE PERIOD 01-01-66 THROUGH 06-30-78
AT A TOTAL COST OF \$145,500.00
AWARD # EY-76-C-02-1560, MOD. 2
MSN ENGR ENGR EXPER STA NUCL ENGR (144-6699) 73,500.00
42. UNION CARBIDE CORPORATION (P/C WITH ERDA)
OAK RIDGE, TN
A STATE-OF-THE-ART REVIEW ON THE ENVIRONMENTAL
INPUTS, FATE, AND HAZARDS OF COPPER
FOR THE PERIOD 12-15-75 THROUGH 09-30-77
AT A TOTAL COST OF \$58,341.00
AWARD # SUBCONTR 7028, MOD. 4
MSN GRAD WATER RESOURCES (144-H360) 9,000.00

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43. ENERGY RESEARCH AND DEVELOPMENT ADMIN.
WASHINGTON, DC
INVESTIGATION OF RF HEATING FOR TANDEM MIRROR
EXPERIMENTS AND REACTORS
FOR THE PERIOD 01-01-77 THROUGH 10-31-78
AWARD # EY-76-S-02-2272
MSN ENGR ENGR EXPER STA NUCL ENGR (144-J940) 79,000.00
44. FERMI NATIONAL ACCELERATOR LABORATORY (P/C
WITH ERDA)
BATAVIA, IL
FERMILAB SUPERCONDUCTING WIRE PROGRAM - IV
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # 92688
MSN ENGR INSTRUM SYST CTR (144-K928) 19,500.00
45. UNIVERSITY OF CALIFORNIA (P/C WITH ERDA)
LOS ALAMOS, CA
CRYOGENIC RESEARCH ON SUPERCONDUCTIVE ENERGY
STORAGE
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # N67-3089D-1
MSN ENGR ENGR EXPER STA INTRDSC PR (144-K918) 39,985.00
46. MASSACHUSETTS INSTITUTE OF TECHNOLOGY (P/C WITH
ERDA)
CAMBRIDGE, MA
TORSATRON REACTOR DESIGN PROJECT
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # LETTER DATED 9-8-77
MSN ENGR ENGR EXPER STA EL&COMPUT (144-K764) 25,000.00
47. UNION CARBIDE CORPORATION (P/C WITH ERDA)
OAK RIDGE, TN
ROLE OF CONSUMERS IN AQUATIC PHOSPHOROUS CYCLING
FOR THE PERIOD 09-01-76 THROUGH 02-28-78
AT A TOTAL COST OF \$72,213.00
AWARD # SUBCONTRACT 4277, MOD. 4
MSN ENV ST CTR BIOTIC SYSTS (144-J285) 4,273.00
48. INTER, FISH AND WILDLIFE SERVICE
ST. PAUL, MN
WORK ON WATERFOWL
FOR THE PERIOD 09-15-77 THROUGH 02-01-78
AWARD # P.O. 30181-1307
MSN AG&LSC NAT RESOURCES WLIFE ECOL (144-K741) 7,500.00
49. INTER, FISH AND WILDLIFE SERVICE
WASHINGTON, DC
BEHAVIORAL AND DEMOGRAPHIC CHARACTERISTICS OF
CANADA GEESE IN THE MISSISSIPPI FLYWAY IN RELATION
TO THEIR DISTRIBUTION
FOR THE PERIOD 10-01-77 THROUGH 03-31-81
AWARD # 14-16-0009-78-004
MSN AG&LSC NAT RESOURCES WLIFE ECOL (144-K912) 26,000.00

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50. JUSTICE, LAW ENFORCEMENT ASSISTANCE ADM
WASHINGTON, DC
ILLEGAL BEHAVIOR OF THE 600 LARGEST UNITED STATES
CORPORATIONS
FOR THE PERIOD 09-01-77 THROUGH 02-28-79
AWARD # 77NI-99-0069
MSN L&S SOCIOLOGY (144-K672) 180,780.00
51. LABOR, DEPT. OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) ANALYSIS OF THE POTENTIAL FOR PLANNED
EXPERIMENTATION IN THE DOL REGULATORY AREA
FOR THE PERIOD 09-28-77 THROUGH 09-27-78
AWARD # J-9-M-7-0153
MSN L&S IND REL RES INST (144-K796) 99,873.00
- 2) IMPROVING INTERNATIONAL SAFEGUARD PROCEDURES
FOR THE PERIOD 09-23-77 THROUGH 06-30-78
AWARD # J9K70009
MSN L&S ECONOMICS (144-K818) 12,359.00
52. WI MANPOWER SERVICES COUNCIL (P/C WITH LABOR)
MADISON, WI
WISCONSIN OCCUPATIONAL INFORMATION SYSTEM-
MANPOWER SERVICES CONTRIBUTION
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # 4PAA-78-967
MSN EDUC GENERAL ADMIN VOC STU CT (144-K754) 50,000.00
53. NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA
PIONEER VENUS DATA ANALYSIS OF THE NET FLUX
RADIOMETER EXPERIMENT (SNFR)
FOR THE PERIOD 02-03-77 THROUGH 11-30-78
AWARD # NAS2-9480
MSN GRAD SPACE SCI&ENG CT (144-K795) 45,000.00
54. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
IN SUPPORT OF THE FOLLOWING:
- 1) STUDIES OF SOUNDINGS AND IMAGING MEASUREMENTS FROM
GEOSTATIONARY SATELLITES
FOR THE PERIOD 08-01-72 THROUGH 09-30-77
AT A TOTAL COST OF \$346,888.00
AWARD # NAS5-21798, MOD. 15
MSN GRAD SPACE SCI&ENG CT (144-D234) 15,646.00
- 2) GISS/SSEC MCIDAS DATA STUDY
FOR THE PERIOD 03-01-73 THROUGH 11-30-77
AT A TOTAL COST OF \$168,743.00
AWARD # NGR-50-002-215, MOD. 5
MSN GRAD SPACE SCI&ENG CT (144-D896) 9,309.00

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55. NATIONAL ENDOWMENT FOR THE HUMANITIES
 WASHINGTON, DC
 IN SUPPORT OF THE FOLLOWING:
- 1) DICTIONARY OF AMERICAN REGIONAL ENGLISH
 FOR THE PERIOD 07-01-76 THROUGH 06-30-79
 AT A TOTAL COST OF \$286,300.00
 AWARD # RT-25503-76-855, MOD. 3
 MSN L&S ENGLISH (144-H827) 86,000.00
 - 2) PROFESSIONS SEMINAR ENTITLED "EDUCATIONAL POLICY-
 MAKING AND SOCIAL CHANGE: THREE CRUCIAL PERIODS IN
 AMERICAN HISTORY"
 FOR THE PERIOD 12-15-76 THROUGH 09-30-77
 AT A TOTAL COST OF \$33,462.00
 AWARD # FP-27014-77-36, MOD. 1
 MSN EDUC EDUC POLICY STU (144-J592) 320.00
 - 3) SURVEY OF RESEARCH TOOLS IN BALTIC STUDIES
 FOR THE PERIOD 09-01-77 THROUGH 08-31-78
 AWARD # RT-29251-77-1116
 MSN L&S GERMAN (144-K813) 17,585.00
 - 4) TRANSLATION OF BASAVAPURANA FROM TELUGU
 FOR THE PERIOD 09-15-77 THROUGH 09-14-79
 AWARD # RL-28224-77-1279
 MSN L&S SO ASIAN STUDIES (144-K816) 40,000.00
 - 5) POLITICAL CHANGE IN MOBUTU'S ZAIRE
 FOR THE PERIOD 10-01-77 THROUGH 09-30-79
 AWARD # RO-27610-78-30
 MSN L&S POLITICAL SCI (144-K913) 33,138.00
56. NATIONAL SCIENCE FOUNDATION
 WASHINGTON, DC
 IN SUPPORT OF THE FOLLOWING:
- 1) A SOCIOTECHNICAL SYSTEMS DESIGN PROGRAM
 FOR THE PERIOD 06-15-75 THROUGH 01-31-80
 AT A TOTAL COST OF \$153,310.00
 AWARD # SED75-17159, MOD. 2
 MSN ENGR ENGR EXPER STA INDUS ENGR (144-G737) 14,400.00
 - 2) SYSTEMATIC INVESTIGATION OF THE COGNITIVE EFFECTS
 OF GAMES ON MATHEMATICS LEARNING
 FOR THE PERIOD 09-01-77 THROUGH 06-30-79
 AWARD # SED77-18875
 MSN L&S MATHEMATICS (144-K718) 29,400.00
 - 3) STELLARATOR EQUIPMENT SYSTEMS
 FOR THE PERIOD 09-01-77 THROUGH 02-28-79
 AWARD # ENG77-17858
 MSN ENGR ENGR EXPER STA EL&COMPUT (144-K722) 28,000.00
 - 4) DOCTORAL DISSERTATION RESEARCH IN HISTORY OF
 SCIENCE
 FOR THE PERIOD 01-01-78 THROUGH 06-30-79
 AWARD # SOC77-25706
 MSN L&S HISTORY OF SCI (144-K805) 1,000.00

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- 5) PUBLICATION OF PROCEEDINGS OF THIRD SYMPOSIUM ON
ANTARCTIC GEOLOGY AND GEOPHYSICS
FOR THE PERIOD 09-15-77 THROUGH 02-29-80
AWARD # DPP77-22935
MSN L&S GEOL & GEOPHYSICS (144-K823) 123,600.00
57. UNIVERSITY OF MINNESOTA (P/C WITH NSF)
MINNEAPOLIS, MN
THE STRUCTURE AND FUNCTION OF DIOXYGENASES
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # E33262
MSN AG&LSC BIOCHEMISTRY (144-K755) 7,000.00
58. STATE AGENCY FOR INTERNATIONAL DEVELOP
WASHINGTON, DC
AGRICULTURAL SERVICES (AGRARIAN REFORM ADVISOR-
RESEARCH)
FOR THE PERIOD 08-28-73 THROUGH 09-30-78
AT A TOTAL COST OF \$189,245.00
AWARD # AID/ASIA-C-1051, MOD. 10
MSN AG&LSC LAND TENURE CTR (144-E703) 34,432.00
59. VETERANS ADMINISTRATION
MADISON, WI
MUTUAL USE OF SPECIALIZED MEDICAL RESOURCES
(SPECIAL X-RAY PROCEDURES PROVIDED BY THE
WM. S. MIDDLETON MEMORIAL VETERANS HOSPITAL
TO THE UNIVERSITY OF WISCONSIN HOSPITALS)
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # V607P-555-78
MSN HS-HSP ADMINISTRATION ADMIN
60. VETERANS ADMINISTRATION
MADISON, WI
MUTUAL USE OF SPECIALIZED MEDICAL RESOURCES
(CAT SCANS PROVIDED BY UNIVERSITY HOSPITALS)
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # V607P-555-78
MSN HS-HSP ADMINISTRATION ADMIN
61. WISCONSIN ALUMNI RESEARCH FOUNDATION,
MADISON, WI REPRESENTING A TRANSFER
FROM THE MARIE KOHLER FUND
PURCHASE EQUIPMENT FOR THE WISCONSIN CLINICAL
CANCER CENTER IN THE NEW CLINICAL SCIENCES CENTER
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (135-0038) 22,000.00
62. WISCONSIN ALUMNI RESEARCH FOUNDATION,
MADISON, WI REPRESENTING A TRANSFER OF FUNDS
FROM DR. CHARLES HEIDELBERGER, LOS ANGELES, CA
MC ARDLE LABORATORY SUPPORT
MSN HS-MED ONCOLOGY (135-0039) 135.29
63. NEKOOSA PAPERS, INC.
PORT EDWARDS, WI
EFFECTIVENESS OF PAPER MILL SLUDGE AS LIMING
MATERIAL FOR WISCONSIN CROPS
MSN AG&LSC SOILS (133-A020) 3,000.00

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64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND IN THE DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-A238)	30,000.00
65.	CANCER RESEARCH- MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	
	63.50	MULTIPLE DONORS IN MEMORY OF MS. DIANE WARRALA, MADISON, WI	
	25.00	MULTIPLE DONORS IN MEMORY OF RAYMOND E. LEURQUIN, LOMBARD, IL	
	55.00	MULTIPLE DONORS IN MEMORY OF MRS. D. JOSEPH O'DONNELL, MADISON, WI	
	5.00	MULTIPLE DONORS IN MEMORY OF MRS. RUTH E. SORENSON, MENOMONIE, WI	
	5.00	MULTIPLE DONORS IN MEMORY OF MS. ANNE KOPSEL	
	10.00	MULTIPLE DONORS IN MEMORY OF RICHARD ADAMANY, JANESVILLE, WI	
	50.00	MULTIPLE DONORS IN MEMORY OF MR. LYNCH, JANESVILLE, WI	
	5.00	MULTIPLE DONORS IN MEMORY OF MRS. GLEN GONIGAM, WALNUT, IL	
	700.00	MULTIPLE DONORS IN MEMORY OF IRVING WALTER, OSHKOSH, WI	
	15.00	MULTIPLE DONORS IN MEMORY OF MRS. L.W. SMITH, MERRIMAC, WI	
	10.00	MULTIPLE DONORS IN MEMORY OF MS. LOIS ANDERSON, TRINITY CENTER, CA	
	50.00	MULTIPLE DONORS IN MEMORY OF ELLEN O'DONNELL, MADISON, WI	
	5.00	MULTIPLE DONORS IN MEMORY OF GEORGE C. NELSON, BELOIT, WI	
	25.00	MULTIPLE DONORS IN MEMORY OF MS. MIMI WEISSMAN	
	25.00	MULTIPLE DONORS IN MEMORY OF MRS. MARILYN GONIGAN, WALNUT, IL	
	40.00	MULTIPLE DONORS IN MEMORY OF JEFF WANNER	
	100.00	MULTIPLE DONORS IN MEMORY OF GEORGE C. NELSON	
	35.00	MULTIPLE DONORS IN MEMORY OF ANN M. STARR, BROOKFIELD, WI	
	10.00	MULTIPLE DONORS IN MEMORY OF MRS. ETHEL WEALTI	
	135.00	MULTIPLE DONORS IN MEMORY OF MRS. ETHEL PRIMAKOW, MILWAUKEE, WI	
	100.00	MULTIPLE DONORS IN MEMORY OF CATHERINE ANN MOSS	
			1,468.50
66.	CANCER RESEARCH MSN HS-MED	(133-A251)	
	+ 30 500.00	UNITED FUND OF KOHLER, INC., KOHLER, WI	
	5.00	MULTIPLE DONORS IN MEMORY OF RICHARD PAFFENROTH, OSHKOSH, WI	
	25.00	MULTIPLE DONORS IN MEMORY OF NELSON L. SCHOTT	
			530.00

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67.	HEART RESEARCH MSN HS-MED	(133-A252)	
	500.00	UNITED FUND OF KOHLER, INC., KOHLER, WI	
	115.00	MULTIPLE DONORS IN MEMORY OF MRS. AMY SOLLIE, ASHLAND, WI AND FRED WIESNER, OSHKOSH, WI	
			615.00
68.	NAUTILUS RESEARCH CORPORATION, MADISON, WI VICK'S RHINORHEOMETER STUDY MSN HS-MED PREVENTIVE MED	(133-A371)	900.00
69.	UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	(133-A525)	19,495.00
70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF DIAGNOSTIC RADIOLOGY MSN HS-MED RADIOLOGY	NUCL MED (133-A529)	12,607.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ANESTHESIOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED ANESTHESIOLOGY	(133-A532)	5,812.50
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF NEUROLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED NEUROLOGY	(133-A533)	4,376.71
73.	MERLE ROBERT SHOWALTER MADISON, WI COMBUSTION ENGINES AND THERMAL STRESSES MSN ENGR ENGR EXPER STA MECH ENGR	(133-A752)	1,000.00
74.	MULTIPLE DONORS ESTROGEN-RECEPTOR ASSAY ACCOUNT MSN HS-MED HUMAN ONCOLOGY	(133-A826)	6,600.00
75.	MULTIPLE DONORS SOIL DECLOGGING RESEARCH MSN AG&LSC SOILS	(133-A862)	350.00
76.	MULTIPLE DONORS DEPARTMENT OF FORESTRY GENERAL RESEARCH FUND MSN AG&LSC NAT RESOURCES FORESTRY	(133-A872)	140.00

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77.	STATE OF WISCONSIN DEPARTMENT OF HEALTH AND SOCIAL SERVICES MADISON, WI CRISIS INTERVENTION CENTER MSN GRAD WAISMN RETARD CT	(133-A961)	215.86
78.	ALCOA FOUNDATION PITTSBURGH, PA REDUCTION OF NOISE IN SAWING EXTRUSIONS MSN ENGR ENGR EXPER STA MECH ENGR	(133-B086)	5,000.00
79.	MULTIPLE DONORS GENERAL WASTE MANAGEMENT STUDIES MSN AG&LSC NAT RESOURCES WASTE S AD	(133-B112)	18.74
80.	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
81.	SYNTEX USA, INC. PALO ALTO, CA FLUNISOLIDE NASAL SPRAY PERENNIAL RHINITIS BASIC PARALLEL DESIGN (ACTIVE VS VEHICLE CONTROL) ICM STUDY #563 MSN HS-MED MEDICINE	(133-B208)	975.00
82.	STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI WILDLIFE MANAGEMENT AND RESEARCH AGREEMENT FOR THE PERIOD 09-01-77 THRU 05-30-78 MSN AG&LSC NAT RESOURCES RES POL ST	(133-B246)	5,863.00
83.	MEDICAL RESEARCH COUNCIL OTTAWA, CANADA FELLOWSHIP SUPPLY ALLOWANCE MSN HS-MED PHARMACOLOGY	(133-B249)	452.50
84.	THE QUAKER OATS COMPANY CHICAGO, IL OAT BREEDING IN LESSER DEVELOPED COUNTRIES MSN AG&LSC AGRONOMY	(133-B387)	1,750.00
85.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARDIOPULMONARY STUDIES MSN AG&LSC VETERINARY SCI	(133-B408)	8,000.00
86.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ANESTHESIOLOGY RESEARCH MSN HS-MED ANESTHESIOLOGY	(133-B570)	8,437.00

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87. STATE OF WISCONSIN
 DEPARTMENT OF REVENUE
 MADISON, WI
 EMPLOYEE INTERCHANGE AGREEMENT
 FOR THE PERIOD 09-22-77 THRU 06-30-78
 MSN L&S POLITICAL SCI (133-B834) 21,759.00
88. STATE OF WISCONSIN
 DEPARTMENT OF REVENUE
 MADISON, WI
 EMPLOYEE INTERCHANGE AGREEMENT
 FOR THE PERIOD 08-29-77 THRU 05-28-78
 AWARD # PO# RDH 80312
 MSN L&S ECONOMICS (133-B868) 4,426.00
89. OHIO MEDICAL PRODUCTS DIVISION
 AIRCO, INC.,
 MADISON, WI
 SOLID STATE DEVICE RESEARCH FOR THE PERIOD
 09-01-77 THRU 08-31-78
 AWARD # P.A. 2652
 MSN ENGR ENGR EXPER STA EL&COMPUT (133-B879) 30,500.00
90. OHIO MEDICAL PRODUCTS DIVISION
 AIRCO, INC.,
 MADISON, WI
 RESEARCH IN THE DESIGN AND FABRICATION OF
 ULTRASONIC FLOW SENSORS FOR THE PERIOD
 07-01-77 THRU 12-31-77
 MSN ENGR ENGR EXPER STA EL&COMPUT (133-B880) 3,700.00
91. STATE OF WISCONSIN
 DEPARTMENT OF NATURAL RESOURCES
 MADISON, WI
 UNIVERSITY INTERNSHIP AGREEMENT
 FOR THE PERIOD 09-26-77 THRU 11-30-77
 MSN AG&LSC NAT RESOURCES WASTE S RP (133-B881) 2,000.00
92. ALCAN CANADA PRODUCTS LIMITED
 KINGSTON, ONTARIO, CANADA
 NOISE REDUCTION IN THE SAWING OF
 ALUMINUM EXTRUSIONS
 MSN ENGR ENGR EXPER STA MECH ENGR (133-B882) 2,000.00
93. AMERICAN HEART ASSOCIATION,
 DALLAS, TX
 AMERICAN HEART ASSOCIATION ESTABLISHED
 INVESTIGATORSHIP FOR THE PERIOD
 09-01-77 THRU 06-30-78
 AWARD # 76-210
 MSN HS-MED ANATOMY (133-B885) 17,063.00
94. ARMOUR PHARMACEUTICAL COMPANY,
 KANKAKEE, IL
 SUPPORT STUDY ENTITLED "EFFECT OF CALCIMAR
 METASTASES FROM BREAST CANCER"
 MSN HS-MED HUMAN ONCOLOGY (133-B886) 21,600.00

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- | | | | |
|------|---|------------|-----------|
| 95. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
IRWIN MAIER CHAIR IN BUSINESS
MSN BUS BUSINESS, SCH OF | (133-B889) | 30,000.00 |
| 96. | THE NATIONAL FOUNDATION
MARCH OF DIMES
WHITE PLAINS, NY
STAFF DEVELOPMENT MODULE PERINATAL NURSING
CARE PROGRAM FOR THE PERIOD 09-01-77 THRU
08-31-78
MSN EDUC GENERAL ADMIN VOC STU CT | (133-B890) | 77,143.00 |
| 97. | THE BABCOCK & WILCOX COMPANY
ALLIANCE, OH
SENSOR RESPONSE VERIFICATION USING DYNAMIC
DATA SYSTEM 09-21-77 THRU 04-21-78
AWARD # P.O. #54792
MSN ENGR ENGR EXPER STA MECH ENGR | (133-B895) | 30,000.00 |
| 98. | WELCH FOODS, INC.
WESTFIELD, NY
RESEARCH ON ANTIVIRAL ACTIVITY OF GRAPE JUICE
AWARD # P.O. #8040-C
MSN AG&LSC FOOD MICRO&TOXIC | (133-B896) | 1,500.00 |
| 99. | STATE OF WISCONSIN
DEPARTMENT OF REVENUE
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT
FOR THE PERIOD 08-29-77 THRU 06-30-78
MSN L&S INST-RES ON POV | (133-B897) | 10,424.00 |
| 100. | ARMOUR PHARMACEUTICAL COMPANY
KANKAKEE, IL
MULTIPLE MYELOMA STUDY
MSN HS-MED MEDICINE | (133-B907) | 9,260.00 |
| 101. | MULTIPLE DONORS IN MEMORY OF
KENNETH A. SCHLITZ, MADISON, WI
RESEARCH IN HEARING DEFECTS AND/OR
DEGENERATIVE HEARING DISORDERS
MSN HS-MED | (133-B909) | 302.00 |
| 102. | THE NATIONAL FOUNDATION
MARCH OF DIMES
WHITE PLAINS, NY
HEALTH PERSONNEL DEVELOPMENT GRANT: "EDUCATION
OF HIGH RISK PERINATAL NURSE CLINICIANS"
FOR THE PERIOD 09-01-77 THRU 08-31-78
AWARD # 9-2
MSN HS-NUR GRADUATE CURRIC | (133-B916) | 37,671.00 |
| 103. | A.H. ROBINS COMPANY
RICHMOND, VA
ROBINUL INJECTABLE TRIAL
MSN HS-MED ANESTHESIOLOGY | (133-B917) | 5,000.00 |

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104. WISCONSIN SOCIETY FOR JEWISH LEARNING, INC.
MILWAUKEE, WI
DEPARTMENTAL RESEARCH PROJECT
MSN L&S HEBREW & SEM STU (133-B918) 8,750.00
105. ICI UNITED STATES, INC.
WILMINGTON, DE
GRANT-IN-AID STUDY ENTITLED, "EFFECTIVENESS OF
COMBINED TAMOIFEN CITRATE AND CYCLOPHOSPHAMIDE
THERAPY IN EXPERIMENTAL BREAST CANCER
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-B919) 10,000.00
106. STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
MADISON, WI
DATA ANALYSIS OF DRIVERS WITH MEDICAL HISTORIES
FOR THE PERIOD 08-23-77 THRU 06-01-78
AWARD # P.O. #TRH01265
MSN L&S STATISTICS (133-B920) 3,000.00
107. THE 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) 3,000.00
108. STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
MADISON, WI
CONTINUATION OF STATISTICAL ANALYSIS AND DATA
PROCESSING SERVICES TO COMPLETE THE :
DEMONSTRATION PROJECT MOTOR VEHICLE INSPECTION
FOR THE PERIOD 07-01-77 THRU 12-31-77
AWARD # P.O. #TRH01332
MSN L&S STATISTICS (133-B922) 6,000.00
109. CENTRAL FOUNDRY DIVISION
GENERAL MOTORS CORPORATION
SAGINAW, MI
RESEARCH IN ONE OR MORE AREAS PERTAINING TO
DUCTILE IRON
AWARD # P.O. #F332505
MSN ENGR ENGR EXPER STA MET & MIN (133-B925) 15,000.00
110. RESEARCH COUNCIL OF ALBERTA
EDMONTON, ALBERTA, CANADA
STUDY OF THE BIG GAME POPULATION DYNAMICS
AND ECOLOGY IN THE OIL SANDS REGION NEAR
FORT MCMURRAY, ALBERTA, CANADA
DURING THE PERIOD 09-02-77 THRU 11-30-77
MSN AG&LSC NAT RESOURCES WLIFE ECOL (133-B927) 3,836.17
111. MULTIPLE DONORS
STUDY OF THE METHODS OF CONTROLLING CABBAGE
DISEASES
MSN AG&LSC PLANT PATHOLOGY (133-0209) 500.00

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112.	THE UPJOHN COMPANY KALAMAZOO, MI SURGERY RESEARCH MSN HS-MED SURGERY	GEN SURG	(133-1118)	500.00
113.	EMPHYSEMA RESEARCH IN THE DEPARTMENT OF PREVENTIVE MEDICINE MSN HS-MED PREVENTIVE MED		(133-2889)	
	95.85	MARSHFIELD MEDICAL FOUNDATION MARSHFIELD, WI		
	25.00	MULTIPLE DONORS IN MEMORY OF RAMONA KELLER		
				120.85
114.	LEUKEMIA RESEARCH-DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS		(133-3535)	
	815.00	MULTIPLE DONORS IN MEMORY OF JASON GENTZ		
	55.00	MULTIPLE DONORS IN MEMORY OF BRADLEY DEWING		
	5.00	MULTIPLE DONORS		
				875.00
115.	MULTIPLE DONORS IN MEMORY OF EDWARD SHOVERS HEART RESEARCH MSN HS-MED MEDICINE		(133-4099)	50.00
116.	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)	45.78
117.	WARF INSTITUTE, INC., MADISON, WI DERMATOLOGY RESEARCH MSN HS-MED MEDICINE	LAB-COMPUT	(133-4911)	1,800.00
118.	MONSANTO COMPANY ST. LOUIS, MO ALLERGY RESEARCH MSN HS-MED MEDICINE		(133-5277)	1,400.00
119.	MULTIPLE DONORS CHAIRMAN OF THE DEPARTMENT OF GENETICS UNRESTRICTED GRANT MSN AG&LSC GENETICS		(133-6056)	400.00
120.	MULTIPLE DONORS SUPPORT OF RESEARCH IN APLASTIC ANEMIA IN THE DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS		(133-6732)	106.00

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RESEARCH

121.	WORLD HEALTH ORGANIZATION GENEVA, SWITZERLAND TUBERCULOSIS IMMUNIZATION MSN HS-MED MED MICROBIOLOGY	(133-6850)	1,000.00
122.	GREEN GIANT FOUNDATION KESUEUR, MN SUPPORT RESEARCH ON PEA VIRUS DISEASE MSN AG&LSC PLANT PATHOLOGY	(133-7176)	1,000.00
123.	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
124.	MULTIPLE DONORS SUPPORT NEUROPSYCHOLOGY LABORATORY OF THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-7446)	954.91
125.	HEMATOLOGY RESEARCH MSN HS-MED MEDICINE	HEMATOLOGY (133-7667)	
	200.00	MULTIPLE DONORS IN MEMORY OF HILDA M. CLARK	
	25.00	F.J. SMITH & COMPANY RACINE, WI	
			225.00
126.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SMONGESKI RESEARCH PROFESSORSHIP IN THE LAW SCHOOL MSN LAW LAW SCHOOL	(133-7687)	14,096.00
127.	MULTIPLE DONORS BIRTH DEFECTS- PEDIATRICS RESEARCH MSN HS-MED PEDIATRICS	(133-7778)	2.00
128.	ABBOTT LABORATORIES NORTH CHICAGO, IL CLINICAL STUDIES OF TRANXENE MSN HS-MED NEUROLOGY	(133-8012)	825.00
129.	MULTIPLE DONORS CANCER REVIEW AND EMENDATION PROGRAM MSN HS-MED HUMAN ONCOLOGY	(133-8062)	17,670.50
130.	MULTIPLE DONORS GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-8218)	1,680.00
131.	MARION LABORATORIES, INC. KANSAS CITY, MO UNRESTRICTED GRANT FOR THE STUDY OF THE EFFECTS OF OS-CAL AND EXERCISE ON OSTEOPOROSIS IN AGED WOMEN MSN HS-MED PREVENTIVE MED	(133-8503)	37,958.00

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RESEARCH

132.	STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI COOPERATIVE WILDLIFE MANAGEMENT RESEARCH AND TRAINING PROGRAM MSN AG&LSC NAT RESOURCES	WLIFE ECOL (133-8598)	13,000.00
133.	WILDLIFE MANAGEMENT INSTITUTE WASHINGTON, DC COOPERATIVE WILDLIFE RESEARCH MSN AG&LSC NAT RESOURCES	WLIFE ECOL (133-8821)	500.00
134.	MULTIPLE DONORS HERBICIDE RESEARCH PROGRAM MSN AG&LSC AGRONOMY	(133-9070)	2,000.00
135.	MINNESOTA MINING & MANUFACTURING COMPANY ST. PAUL, MN UNRESTRICTED RESEARCH GRANT MSN L&S CHEMISTRY	(133-9486)	2,925.00
136.	HOECHST-ROUSSELL PHARMACEUTICALS, INC. SOMERVILLE, NJ THE BIOLOGICAL EFFECTS OF PREPARATIONS HAVING POSSIBLE VALUE AS ANTHELMINTIC AND/OR AS PARASITICIDES MSN AG&LSC VETERINARY SCI	(133-9616)	2,600.00
137.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY RESEARCH CENTER OPERATING GRANT MSN ENGR ENGR EXPER STA MECHANICS	(133-9653)	4,846.36
138.	SMITH KLINE ANIMAL HEALTH PRODUCTS WEST CHESTER, PA STUDY OF OXIBENDAZOLE PREMIX AGAINST THE LARVAL STAGES AND ADULTS OF GASTROINTESTINAL NEMATODES OF CATTLE MSN AG&LSC VETERINARY SCI	(133-9780)	2,500.00
139.	MULTIPLE DONORS ONION BREEDING AND IMPROVEMENT MSN AG&LSC HORTICULTURE	(133-9835)	2,500.00
140.	OHIO MEDICAL PRODUCTS DIVISION ATRCO, INC., MADISON, WI ENGINEERING EXPERIMENT STATION DIRECTOR'S DISCRETIONARY ACCOUNT MSN ENGR ENGR EXPER STA ADMIN	(133-9890)	300.00
141.	MULTIPLE DONORS IMPROVEMENT OF WISCONSIN CIGAR BINDER TOBACCO MSN AG&LSC HORTICULTURE	(133-9905)	300.00

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RESEARCH

142. GREEN GIANT FOUNDATION
LESUEUR, MN
NUTRIENT UTILIZATION BY VEGETABLE CROPS (133-9906) 1,000.00
MSN AG&LSC HORTICULTURE
143. MULTIPLE DONORS
WISCONSIN AGRONOMY CORN GENETICS RESEARCH FUND (133-9931) 1,000.00
MSN AG&LSC AGRONOMY

STUDENT AID

1. MADISON ASHRAE, MADISON, WI
ASHRAE-DELMAR W. NELSON STUDENT LOAN FUND
AS APPROVED 12-17-76 (LOANS) 150.00
2. FIRST WISCONSIN NATIONAL BANK OF MADISON, WI
REPRESENTING SIX-TENTHS OF THE RESIDUE OF THE
ARABELLE BRANDENBURG TRUST- TO ESTABLISH THE
BRANDENBURG LOAN FUND, TO BE AVAILABLE TO ANY
STUDENTS IN RESIDENCE AT THE UW ON BASIS OF NEED
AND SCHOLARSHIP; AMOUNT OF SUCH LOANS, RATE OF
RETURN, MODE OF REPAYMENT AND ALL OTHER DETAILS
OF ADMINISTRATION AT FULL DISCRETION OF THE
REGENTS, OR OF THOSE APPOINTED BY THEM FOR THAT
PURPOSE (LOANS) 14,037.52
3. GREGORY J. MAHLBERG, MILWAUKEE, WI
CHARLES J. ANDERSON MEMORIAL SCHOLARSHIP IN THE
SCHOOL OF EDUCATION (TRUST) 10.00
4. UNIVERSITY OF WISCONSIN NURSES' ALUMNI
ORGANIZATION, MADISON, WI
JEANNE HAUNSCHILD WOODRUFF MEMORIAL FUND-
SCHOOL OF NURSING (TRUST) 30.42
5. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON,
REPRESENTING A GIFT FROM ROBERT H. AND DOROTHY
HOLT PRATT
FRANK O. HOLT MEMORIAL FUND (TRUST) 17,773.00
6. ANDREW C. AND ELVA S. FADNESS, RIO, WI
MARGERY MAC LACHLAN SCHOLARSHIP FUND (TRUST) 100.00
7. ANDREW C. AND ELVA S. FADNESS, RIO, WI
HELEN L. BUNGE MEMORIAL SCHOLARSHIP (TRUST) 100.00
8. MULTIPLE DONORS
PAUL H. PHILLIPS MEMORIAL SCHOLARSHIP IN
BIOCHEMISTRY (TRUST) 785.00

GIFTS, GRANTS AND CONTRACTS
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STUDENT AID

9. DHEW, OFFICE OF EDUCATION
 WASHINGTON, DC
 IN SUPPORT OF THE FOLLOWING:
- 1) FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH
 ABROAD
 FOR THE PERIOD 07-01-76 THROUGH 12-31-77
 AT A TOTAL COST OF \$110,789.00
 AWARD # G007604035, MOD. 4
 MSN GRAD (144-H926) 1,709.00-
 - 2) FELLOWSHIP PROGRAM FOR PREPARING MINING ENGINEERS
 FOR THE PERIOD 09-01-77 THROUGH 08-31-79
 AT A TOTAL COST OF \$70,200.00
 AWARD # G007702172, MOD. 1
 MSN ENGR ENGR EXPER STA MET & MIN (144-K645) 15,600.00
10. WISCONSIN ALUMNI RESEARCH FOUNDATION
 MADISON, WI
 GILBERT AND EDITH HODGES SCHOLARSHIP FUND
 MSN G SERV FELLOWS & SCHOLS (135-0007) 15,000.00
11. WISCONSIN ALUMNI RESEARCH FOUNDATION
 MADISON, WI
 WILLIAM J. HAGENAH SCHOLARSHIP IN LAW SHCOOL FOR
 1977-78
 MSN G SERV FELLOWS & SCHOLS (135-0012) 650.00
12. WISCONSIN ALUMNI RESEARCH FOUNDATION
 MADISON, WI
 PAUL M. BINZEL SCHOLARSHIP FUND
 MSN G SERV FELLOWS & SCHOLS (135-0029) 27,000.00
13. SHELL COMPANIES FOUNDATION,
 HOUSTON, TX
 UNDERGRADUATE STUDENT AID IN THE DEPARTMENT
 OF GEOLOGY
 MSN L&S GEOL & GEOPHYSICS (133-A308) 500.00
14. UNIVERSITY OF WISCONSIN FOUNDATION
 MADISON, WI
 EGBERT ORCHARD MEMORIAL SCHOLARSHIPS IN
 AGRICULTURE
 MSN AG&LSC ADM-RESID INSTR (133-A583) 2,000.00
15. UNIVERSITY OF WISCONSIN FOUNDATION
 MADISON, WI
 DAVID LAURENCE YOUNG MEMORIAL SCHOLARSHIP IN
 MATHEMATICS
 MSN G SERV FELLOWS & SCHOLS (133-A638) 140.00
16. UNIVERSITY OF WISCONSIN FOUNDATION
 MADISON, WI
 MARY E. REID MEMORIAL SCHOLARSHIP FUND
 MSN G SERV FELLOWS & SCHOLS (133-A639) 450.00

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STUDENT AID

17.	AMERICAN ASSOCIATION OF UNIVERSITY WOMEN EASTON, PA SARAH THOMPSON-TARBELL SCHOLARSHIP IN PHYSICAL EDUCATION- WOMEN MSN G SERV FELLOWS & SCHOLS	(133-A783)	323.91
18.	SHELL COMPANIES FOUNDATION, HOUSTON, TX DISCRETIONARY USE OF THE CHAIRMAN OF THE DEPARTMENT OF GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSICS	(133-A953)	250.00
19.	NATIONAL SAFETY COUNCIL CHICAGO, IL HOWARD PYLE SAFETY RESEARCH FELLOWSHIP MSN GRAD	(133-B267)	2,890.00
20.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAW SCHOOL SCHOLARSHIPS MSN LAW LAW SCHOOL	(133-B407)	2,095.00
21.	A.H. ROBINS COMPANY RICHMOND, VA DEAN'S DISCRETIONARY STUDENT FUND MSN HS-PHR PHARMACY	(133-B435)	100.00
22.	ARTHUR H. CARTER SCHOLARSHIP FUND STAMFORD, CT ARTHUR H. CARTER SCHOLARSHIP MSN BUS BUSINESS, SCH OF	(133-B884)	2,000.00
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HELEN K. HERMAN SCHOLARSHIP MSN L&S COMMUN ARTS	(133-B887)	100.00
24.	CONSOLIDATION COAL COMPANY PITTSBURGH, PA FINANCIAL AID TO EDUCATION MSN G SERV FELLOWS & SCHOLS	(133-B901)	1,500.00
25.	WISCONSIN PUBLIC SERVICE CORPORATION GREEN BAY, WI WISCONSIN PUBLIC SERVICE CORPORATION FARM SHORT COURSE SCHOLARSHIP MSN AG&LSC ADM-RESID INSTR	(133-0186)	3,500.00
26.	STANDARD OIL COMPANY OF CALIFORNIA SAN FRANCISCO, CA CHEMICAL ENGINEERING FELLOWSHIP MSN ENGR CHEMICAL ENGR	(133-0814)	6,772.00
27.	GREEN TREE GARDEN CLUB MILWAUKEE, WI ALDO LEOPOLD UNDERGRADUATE SCHOLARSHIP MSN AG&LSC ADM-RESID INSTR	(133-0976)	1,000.00

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28.	AMERICAN FOUNDATION FOR PHARMACEUTICAL EDUCATION, FAIR LAWN, NJ SCHOOL OF PHARMACY UNDERGRADUATE SCHOLARSHIP FUND MSN G SERV FELLOWS & SCHOLS (133-1078)	600.00
29.	MILWAUKEE FOUNDATION, MILWAUKEE, WI SCHOLARSHIP IN ACTUARIAL SCIENCE MSN BUS BUSINESS, SCH OF (133-1085)	1,250.00
30.	DODGE COUNTY BANKER'S ASSOCIATION, WAUPUN, WI 1977-78 FARM AND INDUSTRY SHORT COURSE SCHOLARSHIP MSN AG&LSC ADM-RESID INSTR (133-2106)	300.00
31.	CLARK-TAYLOR BANKERS ASSOCIATION SPENCER, WI FARM AND INDUSTRY SHORT COURSE SCHOLARSHIP MSN AG&LSC ADM-RESID INSTR (133-3006)	1,375.00
32.	CUMMINS ENGINE FOUNDATION COLUMBUS, IN MECHANICAL ENGINEERING FELLOWSHIP MSN ENGR MECHANICAL ENGR (133-3204)	7,000.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HATTIE B. GOESSLING SCHOLARSHIP IN NUTRITIONAL SCIENCE MSN G SERV FELLOWS & SCHOLS (133-3661)	3,400.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DR. & MRS. EDWARD R. KNIGHT SCHOLARSHIP AWARD MSN G SERV FELLOWS & SCHOLS (133-3817)	903.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI, REPRESENTING A GIFT FROM ARTHUR ANDERSON & COMPANY SUPPORT OF GRADUATE ACCOUNTING SCHOLARSHIPS MSN BUS BUSINESS, SCH OF (133-4253)	2,000.00
36.	BADGER STATE CIVIC FUND RICHARD HARTENSTEIN RESEARCH FELLOW IN DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE (133-4495)	3,000.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SREA FELLOWSHIP TO GRADUATE STUDENT WHO REASONABLY INTENDS TO FOLLOW CAREER IN THE APPRAISAL FIELD MSN BUS BUSINESS, SCH OF (133-4544)	500.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STUDENT AID PROGRAM IN THE SCHOOL OF BUSINESS MSN BUS BUSINESS, SCH OF (133-4673)	200.00

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STUDENT AID

39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TOBEY-KREGEL FUTURE TEACHERS SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-5150)	2,000.00
40.	MCGLADREY, HANSEN, DUNN & COMPANY DAVENPORT, IA I.B. MCGLADREY ACCOUNTANCY AWARD MSN G SERV FELLOWS & SCHOLS	(133-5280)	250.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAW SCHOOL ORVIS SCHOLARSHIP FUND MSN G SERV FELLOWS & SCHOLS	(133-5774)	243.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EVANS P. HELFAER UNDERGRADUATE SCHOLARSHIP IN CHEMISTRY MSN G SERV FELLOWS & SCHOLS	(133-5989)	2,000.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARL AND THERESA HANSON WISCONSIN MERIT SCHOLARSHIP AWARD MSN G SERV FELLOWS & SCHOLS	(133-6106)	11,630.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI HARRY A BULLIS SCHOLARSHIP FUND MSN BUS BUSINESS, SCH OF	(133-6107)	200.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI OTTILIE REINKE SCHOLARSHIP AWARD MSN G SERV FELLOWS & SCHOLS	(133-6197)	3,069.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MAX M. SHAPIRO SCHOLARSHIP FOR LAW STUDENTS SELECTED BY FOUR MEMBERS OF THE LAW SCHOOL FACULTY ON THE BASIS OF NEED MSN G SERV FELLOWS & SCHOLS	(133-6826)	265.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF MUSIC SCHOLARSHIP FUND MSN G SERV FELLOWS & SCHOLS	(133-7137)	11,408.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHARLES E. BELL SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-7159)	600.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHRISTIAN JOHN OTJEN SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-7354)	200.00

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STUDENT AID

- | | | | |
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| 50. | ETHEL M. BRANN FOUNDATION, INC.
GREEN BAY, WI
SCHOLARSHIP FOR GRADUATE STUDY IN THE AREA OF
PUBLIC LIBRARIANSHIP
MSN L&S LIBRARY SCHOOL | (133-7541) | 500.00 |
| 51. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
ANTON L. SMONGESKI SCHOLARSHIP
MSN G SERV FELLOWS & SCHOLS | (133-7691) | 1,255.00 |
| 52. | 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 |
| 53. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
CARL E. DIETZE LAW SCHOOL SCHOLARSHIP
MSN G SERV FELLOWS & SCHOLS | (133-8177) | 515.00 |
| 54. | FIRST WISCONSIN NATIONAL BANK OF MADISON
TRUSTEE 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) | 1,195.21 |
| 55. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
MARGARET RUPP COOPER HARP SCHOLARSHIP FUND FOR NON
-RESIDENT STUDENTS
MSN G SERV FELLOWS & SCHOLS | (133-8427) | 1,401.00 |
| 56. | WISCONSIN ASSOCIATION OF VOCATIONAL
AGRICULTURE INSTRUCTORS, INC.
MADISON, WI
UNDERGRADUATE SCHOLARSHIP IN AGRICULTURE
MSN AG&LSC ADM-RESID INSTR | (133-8600) | 200.00 |
| 57. | MINERALS INDUSTRY EDUCATIONAL FOUNDATION
NEW YORK, NY
SCHOLARSHIP AND RECRUITMENT IN METALLURGICAL AND
MINERAL ENGINEERING
MSN ENGR MET & MIN ENGR | (133-8625) | 3,600.00 |
| 58. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
GWYNETTE E. SMALLEY MEMORIAL SCHOLARSHIP FUND
MSN G SERV FELLOWS & SCHOLS | (133-8713) | 550.00 |
| 59. | MULTIPLE DONORS
SCHOOL OF NURSING SCHOLARSHIP FUND
MSN G SERV FELLOWS & SCHOLS | (133-8872) | 19.50 |

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STUDENT AID

60.	ATLANTIC RICHFIELD FOUNDATION LOS ANGELES, CA MINORITY ENGINEERING SCHOLARSHIP FUND MSN G SERV FELLOWS & SCHOLS	(133-8953)	2,000.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIP FOR NORTH AMERICAN INDIANS MSN G SERV FELLOWS & SCHOLS	(133-9572)	1,324.00
62.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI UNDERGRADUATE SCHOLARSHIPS FOR NEEDY YOUNG PERSONS FROM WISCONSIN FAMILY FARMS WHO HAVE FINANCIAL NEED AND WHO ARE ENTERING OR CONTINUING STUDY AT THE UNIVERSITY OF WISCONSIN-MADISON SCHOOL OF FAMILY RESOURCES AND CONSUMER SCIENCES FOR 1977-78 MSN G SERV FELLOWS & SCHOLS	(133-9594)	1,500.00
63.	HEATING, PIPING, COOLING COUNCIL MADISON, WI SCHOLARSHIP IN MECHANICAL ENGINEERING MSN G SERV FELLOWS & SCHOLS	(133-9646)	1,000.00
64.	BURROUGHS CORPORATION DETROIT, MI BURROUGHS CORPORATION SCHOLARSHIP PROGRAM MSN BUS BUSINESS, SCH OF	(133-9768)	1,000.00
	TOTAL MADISON		12,057,247.28 =====
	INSTRUCTION		1,917,997.00
	LIBRARIES		4,445.95
	MISCELLANEOUS		350,274.56
	RESEARCH		9,602,729.21
	STUDENT AID		181,800.56

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UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. MS. RACHEL VRLENICH, RRA
CERRITOS, CA
GIFT OF BACK ISSUES OF "MEDICAL RECORD NEWS" FOR
USE IN THE MEDICAL RECORD ADMINISTRATION PROGRAM
AND UNIVERSITY LIBRARIES.
AWARD # NONE
MIL A H P MED RECRDS ADMIN
 2. MR. CHARLES LOCKWOOD
MILWAUKEE, WI
GIFT OF TWELVE VOLUMES DONATED TO THE UWM
LIBRARY
AWARD # NONE
MIL LIBR LIBRARY
 3. PROFESSOR VICTOR GREENE
MILWAUKEE, WI
GIFT OF FIFTY-NINE (59) BIBLIOGRAPHIC ITEMS
DONATED TO THE UWM LIBRARY
AWARD # NONE
MIL LIBR LIBRARY
 4. MRS. WINIFRED WOODMANSEE
MILWAUKEE, WI
GIFT OF ONE HUNDRED NINETEEN (119) BIBLIOGRAPHIC
ITEMS DONATED TO THE UWM LIBRARY.
AWARD # NONE
MIL LIBR LIBRARY
 5. DR. LAVERA POWL
MILWAUKEE, WI
GIFT OF FOUR HUNDRED NINETY-FOUR (494)
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM
LIBRARY
AWARD # NONE
MIL LIBR LIBRARY
 6. PROFESSOR PHILLIP HUNSAKER
SCHOOL OF BUSINESS ADMINISTRATION
UNIVERSITY OF SAN DIEGO
SAN DIEGO, CA
GIFT OF VARIOUS BIBLIOGRAPHIC ITEMS DONATED
TO THE UWM LIBRARY
AWARD # NONE
MIL LIBR LIBRARY
 7. WALTHER RICHTER
MILWAUKEE, WI
GIFT OF VARIOUS BIBLIOGRAPHIC ITEMS DONATED
TO THE UWM LIBRARY
AWARD # NONE
MIL LIBR LIBRARY
 8. DR. JAMES COOK
WHITEFISH BAY, WI
GIFT OF CHEMICALS FOR RESEARCH (VALUED AT A
TOTAL COST OF \$993.75) DONATED TO THE CHEMISTRY
DEPARTMENT
AWARD # NONE
MIL L&S CHEMISTRY
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UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, D.C.
TITLE VI A, INSTRUCTIONAL EQUIPMENT GRANT -
CATEGORY II
FOR THE PERIOD 06-28-77 THROUGH 06-30-78
AWARD # J007701739
MIL INST M ADMINISTRATION (144-K765) 5,000.00
2. DHEW, PHS, HEALTH RESOURCES ADMIN.
HYATTSVILLE, MD.
NURSING CAPITATION GRANT
FOR THE PERIOD 07-01-77 THROUGH 06-30-79
AWARD # 2E04 NU01481-06
MIL NURS NURSING (144-K815) 183,358.00
3. WISCONSIN HUMANITIES COMMITTEE
(P/C WITH NEH)
MADISON, WISCONSIN
MINORITY WOMEN IN WISCONSIN
FOR THE PERIOD 09-18-77 THROUGH 10-31-77
AWARD # G-FY76-50
MIL L&S AFRO AM STUDIES (144-K809) 200.00
4. VETERANS ADMINISTRATION
WASHINGTON, D.C.
PILOT PROJECT FOR OCCUPATIONAL THERAPY EDUCATION
AND SERVICE TO VETERANS AND INDUSTRY
FOR THE PERIOD 10-01-77 THROUGH 09-30-82
AWARD # 1C (76) IV-50 0563-01
MIL A H P OCCUP THERAPY (144-K779) 172,428.00
5. JOINT COUNCIL ON ECONOMIC EDUCATION
NEW YORK, NEW YORK
SEARS-ROEBUCK FELLOWSHIP PROGRAM TO COVER INSTRU-
TIONAL COSTS AT UWM WORKSHOP IN ECONOMIC EDUCATION
JUNE 20, JULY 15, 1977, AND FOLLOW-UP ACTIVITIES
IN 1977/78.
MIL L&S ECONOMIC EDUC (133-A432) 200.00
6. J.I. CASE
RACINE, WISCONSIN
FINITE ELEMENT ANALYSIS OF MACHINE STRUCTURES
AWARD # CX 039216
MIL ENG&S SYSTEMS-DESIGN (133-A449) 8,250.00
7. 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) 2,818.75

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UNIVERSITY OF WISCONSIN - MILWAUKEE

MISCELLANEOUS

1. WISCONSIN DEPARTMENT OF ADMINISTRATION
INTERGOVERNMENTAL PERSONNEL
(P/C WITH CIVIL SERVICE COMMISSION)
MADISON, WI
OCCUPATIONAL REFERRAL PROGRAM
FOR THE PERIOD 05-16-77 THROUGH 05-15-78
AWARD # 77WI21
MIL ADM AF STAFF SERVICES DIR OFFICE (144-K378) 20,664.00
2. OFFICE OF EDUCATION
WASHINGTON, D.C.
MIDWEST GENERAL ASSISTANCE CENTER - TYPE B
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # 300770274-A01
MIL EDUC CULTURAL FDNS-ED (144-K286) 56,475.00
3. THE JOHNSON FOUNDATION
WISCONSIN DIVISION UNITED NATIONS ASSOCIATION
RACINE, WI
SALARY OF SPECIALIST AND SUPPORT FOR ADMINISTRATION OF ACTIVITIES AND PROGRAM OF GOVERNOR'S COMMISSION ON THE UNITED NATIONS AND WISCONSIN DIVISION, UNA/USA
MIL URBN O INSTIT WORLD AFF (133-A408) 2,000.00
4. MRS. EDWIN L. FISHER
SHEBOYGAN, WI
GIFT TO UWM FIELD STATION
MIL L&S FIELD STATION (133-A446) 25.00
5. DIXIE D. JOHNS
MILWAUKEE, WI
GIFT TO SUPPORT THE UWM TRACK PROGRAM
MIL SS&S P ATHLETICS ADMIN (133-B750) 374.00
6. PURDUE UNIVERSITY
WEST LAFAYETTE, IN.
CONTRIBUTION IN GENERAL SUPPORT OF WORK OF CENTER FOR ECONOMIC EDUCATION
MIL L&S ECONOMIC EDUC ECON EDUC (133-5160) 200.00
7. LIPPINCOTT (J B) COMPANY
CONTINUED DEVELOPMENT OF THE PROGRAM OF THE UWM SCHOOL OF NURSING
MIL NURS NURSING (133-7653) 7,455.45

RESEARCH

1. DHEW, PHS, ALCHL DRUG ABUSE MNLT HLTH ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
 - 1) BLACK HOMICIDE AND THE URBAN ENVIRONMENT
FOR THE PERIOD 09-27-77 THROUGH 08-31-79
AWARD # 1R01 MH29 289-01
MIL L&S URBAN AFFAIRS (144-K800) 127,009.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

- 2) CMHC-CITIZEN REPRESENTATION ON GOVERNING BOARDS
FOR THE PERIOD 09-15-77 THROUGH 08-31-78
AWARD # R12MH28448-01
MIL GRAD URBAN RESRCH CTR (144-K772) 62,788.00
2. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MARYLAND
IN SUPPORT OF THE FOLLOWING:
- 1) RESEARCH DEVELOPMENT GRANT
FOR THE PERIOD 09-20-77 THROUGH 09-19-78
AWARD # 1R02-NU00648-01
MIL NURS NURSING (144-K780) 89,524.00
- 2) ENTROPY AND METABOLISM: A MACROSCOPIC VIEW OF
AGING
FOR THE PERIOD 09-29-77 THROUGH 08-31-78
AWARD # 1 R01 AG00498-01
MIL ENG&AS ENERGETICS (144-K821) 50,652.00
- 3) METAL COMPLEXES OF KNOWN ANTITUMOR AGENTS
FOR THE PERIOD 09-30-77 THROUGH 07-31-78
AWARD # 1 R01 CA22184-01
MIL L&S CHEMISTRY (144-K904) 48,321.00
3. ENERGY RESEARCH AND DEVELOPMENT ADMIN.
ARGONNE, ILLINOIS
ATTENUATION OF RADIOLOGICAL CONSEQUENCES FROM
CDA'S BY RADIATION HEAT TRANSFER
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # EY-76-S-02-4040-A001
MIL ENG&AS ENERGETICS (144-K773) 45,023.00
4. NATIONAL SCIENCE FOUNDATION
WASHINGTON, D.C.
PROPOSED PLAN FOR THE EVALUATION OF NATIONAL
SCIENCE FOUNDATION LOCI PROGRAM
FOR THE PERIOD 09-30-77 THROUGH 01-15-78
AWARD # SER-7723896
MIL EDUC EDUC PSYCHOLOGY (144-K907) 7,200.00
5. GALLAUDET COLLEGE (P/C WITH NATIONAL SCIENCE
FOUNDATION)
WASHINGTON, D.C.
UNIVERSALITY AND UNIQUENESS IN SIGN LANGUAGE:
PROVIDENCE ISLAND SIGN LANGUAGE
FOR THE PERIOD 01-01-77 THROUGH 06-30-78
MIL L&S ANTHROPOLOGY (144-J694) 946.00
6. UNIVERSITY OF CALIFORNIA, SANTA BARBARA
(P/C WITH NSF)
SANTA BARBARA, CALIFORNIA
LITHOLOGIC AND MAGNETIC STUDIES OF LAKE MICHIGAN
SEDIMENT CORES
FOR THE PERIOD 07-01-77 THROUGH 06-30-79
AWARD # P.O. VGEOS 18544-B-0
MIL L&S GEOLOGICAL SCI (144-K822) 22,367.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

7. WILLETT, HOFMANN & ASSOCIATES, INC.
DIXON, ILL
A SITE EVALUATION STUDY OF ARCHAEOLOGICAL SITE
WT-A, PROPHETSTOWN, ILLINOIS.
MIL L&S ANTHROPOLOGY (133-B749) 6,300.00
8. A. WARD FORD MEMORIAL INSTITUTE
WAUSAU, WI
THE DEVELOPMENT OF A PSYCHOPHYSIOLOGICAL
TECHNIQUE FOR RESTORING CARDIAC VAGAL TONE
MIL EDUC P ED, REC&HLTH ED P E, R&HLTH (133-B751) 4,500.00
9. COMPUTERIZED STRUCTURAL DESIGN
MILWAUKEE, WI
TRUCK TRACTOR TESTING
MIL ENG&AS MECHANICS (133-9372) 500.00

STUDENT AID

1. A. CLARKE HAGENSICK
MILWAUKEE, WI
GEORGE P. ETENHEIM TRUST FUND
AWARD # NONE (TRUST) 15.00
2. MARY ALICE SMITH
SHOREWOOD, WI
HELEN C. CAREY MEMORIAL TRUST FUND
AWARD # NONE (TRUST) 25.00
3. UWM FOUNDATION
MILWAUKEE, WI
EAS/MANUFACTURING ENGINEERING OPTION
MIL ENG&AS MATERIALS (133-A496) 1,200.00
4. UWM FOUNDATION INC.
MILWAUKEE, WISCONSIN
SOLAR ENERGY CONTEST AWARDS
MIL ARC&UP ADMINISTRATION ADMIN (133-B752) 200.00
5. ELIZABETH FITZGERALD
MILWAUKEE, WISCONSIN
SCHOLARSHIPS FOR THE DEPARTMENT OF MUSIC
MIL F ARTS ADMINISTRATION ADMIN (133-4980) 2,500.00
6. SCHOLARSHIPS - MUSIC DEPARTMENT
MIL F ARTS ADMINISTRATION ADMIN (133-5060)
- 600.00 WEBSTER WOODMANSEE
1,000.00 MILWAUKEE, WI
WINIFRED WOODMANSEE
MILWAUKEE, WI
- 1,600.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

STUDENT AID

7. VARIOUS DONORS		
HUMAN RESOURCES DEVELOPMENT FUND		
MIL SS&S P STUDENT SERVICES FEL&SCHOLS (133-7114)		143.00
TOTAL MILWAUKEE		930,261.20
		=====

INSTRUCTION	372,254.75
MISCELLANEOUS	87,193.45
RESEARCH	465,130.00
STUDENT AID	5,683.00

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - GREEN BAY

LIBRARIES

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE LIBRARY RESOURCES PROGRAM FY 78
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # G007750949
GB LIBR LIBRARY (144-K819) 3,855.00

MISCELLANEOUS

1. WI DEPT OF ADMINISTRATION (P/C WITH LABOR)
MADISON, WI
IN SUPPORT OF THE FOLLOWING:
- 1) CETA TITLE VI (LTE) PROGRAM
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # T2PE-78-928
GB BUS&FN PERSONNEL SVCS (144-K914) 13,103.00
- 2) CETA ENERGY CONSERVATION PROJECT
FOR THE PERIOD 10-04-77 THROUGH 09-30-78
AWARD # T6LP-78-401
GB BUS&FN PERSONNEL SVCS (144-K915) 7,825.00
2. WISCONSIN ARTS BOARD (P/C WITH NEA)
MADISON, WI
SUPPORT OF VARIOUS ART PROJECTS
FOR THE PERIOD 10-01-77 THROUGH 06-30-78
AWARD # LETTER DATED 10-05-77
GBY I&U SV LECTS & PERFORMS (144-K921) 4,250.00
3. MULTIPLE DONORS
SCIENCE EDUCATION STUDIES
GB O ED D ADMINISTRATION (133-A261) 19.00
4. MULTIPLE DONORS
SPECIAL EVALUATION PROJECTS
GB O ED D ADMINISTRATION (133-A512) 82.28

RESEARCH

1. STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
MADISON, WI
AIR QUALITY MONITORING-GREEN BAY
FOR THE PERIOD 07-01-76 THRU 01-01-78
AT A LEVEL OF \$6456.15
GBY ENV SC SCI& ENVIRON CHG (133-B179) 1,050.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - GREEN BAY

STUDENT AID

1.	MULTIPLE DONORS SOURCE OF FINANCIAL AID PAYMENTS TO STUDENT ATHLETES AT THE UNIVERSITY OF WISCONSIN-GREEN BAY WITHIN THE GUIDELINES PRESCRIBED BY THE NATIONAL COLLEGIATE ATHLETIC ASSOCIATION GB I R & A ATHLETICS - MEN	(133-7213)	1,840.00
2.	MULTIPLE DONORS SCHOLARSHIPS FOR RETURNING ADULTS AT THE UNIVERSITY OF WISCONSIN-GREEN BAY GB ST AID FEL & SCHOL-AOG	(133-9713)	200.00
	TOTAL GREEN BAY		32,224.28 =====
	LIBRARIES		3,855.00
	MISCELLANEOUS		25,279.28
	RESEARCH		1,050.00
	STUDENT AID		2,040.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - LACROSSE

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN ARTS BOARD (P/C WITH NEA)
MADISON, WI
WISCONSIN TOURING THEATRE COMPANY
FOR THE PERIOD 05-01-77 THROUGH 08-31-77
AWARD # 4601-ULC-8T
LAC L&S SPEECH & THEATRE (144-9121) 3,500.00
2. UNIVERSITY OF WASHINGTON (P/C WITH ERDA)
SEATTLE, WA
TWENTY ENERGY WORKSHOPS IN 150 MILE RADIUS OF
LACROSSE
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # 427604
LAC L&S PHYSICS & ASTRON (144-7614) 2,000.00
3. NATIONAL ENDOWMENT FOR THE ARTS
WASHINGTON, DC
WISCONSIN TOURING THEATRE COMPANY
FOR THE PERIOD 05-01-77 THROUGH 09-15-77
AWARD # R70-53-495
LAC L&S SPEECH & THEATRE (144-9122) 6,000.00

GIFT-IN-KIND

1. MCKAY NURSERY COMPANY
WATERLOO, WI
GIFT OF 91 SPECIMEN PLANTINGS
LAC
2. TERRY GILBERTSON
KALAMAZOO, MI
GIFT OF JOURNAL OF THE AMERICAN CHEMICAL SOCIETY
FROM 1964 TO 1977
LAC
3. JULIA STEINKE SATERBAK
LACROSSE, WI
GIFT OF 75 BOOKS IN EDUCATION TO COLLEGE OF
EDUCATION CURRICULUM & INSTRUCTION CENTER
LAC

INSTRUCTION

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) PROGRAM IN ADAPTIVE PHYSICAL EDUCATION
FOR THE PERIOD 06-01-77 THROUGH 05-31-78
AWARD # G007602977
LAC HPE&R PHYSICAL EDUC PHYS EDUC (144-2593) 41,000.00
 - 2) COOPERATIVE EDUCATION PROGRAM/INTERNSHIPS
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AWARD # G007702082
LAC WIED U-WIDE INTERN PR (144-5912) 50,000.00

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - LACROSSE

INSTRUCTION

- 3) TRAINING SPECIAL EDUCATION TEACHERS
FOR THE PERIOD 06-01-77 THROUGH 05-31-78
AWARD # G007500523
LAC L&S PSYCHOLOGY (144-7852) 92,000.00
2. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
TRAINING PROGRAM FOR ELEMENTARY SCHOOL TEACHERS
FOR THE PERIOD 07-05-77 THROUGH 09-30-78
AWARD # SMI77-13440
LAC EDUC CTR-ED PROFESSNS (144-1225) 35,846.00

LIBRARIES

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE LIBRARY RESOURCES PROGRAM UNDER
TITLE II-A OF THE HIGHER EDUCATION ACT
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # G007752007
LAC ACAD S LIBRARY (144-5900) 3,855.00

MISCELLANEOUS

1. COUNTY OF LACROSSE (P/C WITH LABOR)
LACROSSE, WI
IN SUPPORT OF THE FOLLOWING:
- 1) CETA, TITLE VI POSITION
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # T6PE77505
LAC BUS SV BUS SVCS OFFICE (144-0400) 9,950.00
- 2) CETA, TITLE VI POSITION
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # T6PE77505
LAC STU AF DEANS OFFICE (144-0500) 8,905.00
- 3) CETA, TITLE VI POSITION
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # T6PE77505
LAC ACAD S INST-MINORITY ST (144-0600) 6,821.00
- 4) CETA, TITLE VI POSITION
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # T6PE77505
LAC ACAD S INST-WOMENS ST (144-0700) 6,821.00
- 5) CETA, TITLE VI POSITION
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # T6PE77505
LAC EDUC ELEMENTARY EDUC (144-4500) 9,590.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - LACROSSE

MISCELLANEOUS

6)	CETA, TITLE VI POSITION FOR THE PERIOD 07-01-77 THROUGH 06-30-78 AWARD # T6PE77505 LAC L&S HISTORY	(144-4900)	9,590.00
7)	CETA, TITLE VI POSITION FOR THE PERIOD 07-01-77 THROUGH 06-30-78 AWARD # T6PE77505 LAC ACAD S LIBRARY	(144-5901)	7,642.00
8)	CETA, TITLE VI POSITION FOR THE PERIOD 07-01-77 THROUGH 06-30-78 AWARD # T6PE77505 LAC ACAD S AV CENTER	(144-6200)	6,821.00
9)	CETA, TITLE VI POSITION FOR THE PERIOD 07-01-77 THROUGH 06-30-78 AWARD # T6PE77505 LAC BUS SV GEN OPERATIONS	(144-7000)	9,072.00
2.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC INTERGOVERNMENTAL PERSONNEL ACT ASSIGNMENT FOR THE PERIOD 09-01-77 THROUGH 08-31-78 AWARD # DEB-7724917 LAC EXEC D UNIV-WIDE SVCS	(144-0831)	34,615.00
3.	UW-LACROSSE FOUNDATION LACROSSE, WI CLERICAL HELP FOR DIRECT MAIL WORK LAC/EXEC D DEVELOPMENT OFF	(133-0503)	3,823.00

RESEARCH

1.	ACADEMY OF NATURAL SCIENCES (P/C WITH DOD, ARMY, CORPS OF ENGINEERS) PHILADELPHIA, PA MISSISSIPPI RIVER MUSSEL STUDY FOR THE PERIOD 07-01-77 THROUGH 10-31-77 LAC L&S BIOLOGY	(144-1636)	7,305.00
2.	DOD, ARMY, CORPS OF ENGINEERS ST. PAUL, MN IN SUPPORT OF THE FOLLOWING:		
1)	FIELD TEST AT LOCK AND DAM 5 OF REGRESSION MODEL AWARD # DACW37-77-G-0136 LAC L&S BIOLOGY	(144-1613)	28,692.00
2)	WATER SAMPLING AND ANALYSIS ON MISSISSIPPI RIVER FOR THE PERIOD 07-25-77 THROUGH 10-25-77 AWARD # DACW37-77M-1844 LAC L&S BIOLOGY	(144-1614)	4,530.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - LACROSSE

RESEARCH

- 3) CULTURAL RESOURCES FIELD RECONNAISSANCE IN THE
SHEYENNE RIVER BASIN, NORTH DAKOTA
FOR THE PERIOD 10-01-77 THROUGH 05-27-78
AWARD # DACW37-77-C-0135
LAC L&S SOCIOLOG & ANTHROP (144-8812) 11,646.00
3. DAIRYLAND POWER COOPERATIVE
LACROSSE, WI
TEST EFFECT OF POWER PLANT ON FISH POPULATION
IN MISSISSIPPI RIVER
FOR THE PERIOD 08-07-77 THROUGH 08-10-77
AWARD # A61076
LAC L&S BIOLOGY (133-1632) 2,005.00
4. NATURE CONSERVANCY
ARLINGTON, VA
FIELD STUDY ON BIOLOGY OF DWARF DOGTOOTH
VIOLETS FOR A PERIOD OF THREE WEEKS IN
SPRING, 1977
AWARD # 3888
LAC L&S BIOLOGY (133-1661) 780.00
5. WI DEPT OF NATURAL RESOURCES
MADISON, WI
EXTENSION OF AIR-MONITORING PROJECT
FOR THE PERIOD 07-01-77 THROUGH 10-01-77
AWARD # 8110
LAC L&S CHEMISTRY (133-2122) 700.00
6. MINNESOTA BEEF COUNCIL
MORRIS MN
STUDY OF CARDIOVASCULAR SYSTEM
FOR THE PERIOD 11-01-77 THROUGH 10-31-78
LAC HPE&R CARDIAC REHAB PR (133-2700) 11,700.00
7. WI DEPT OF NATURAL RESOURCES
MADISON, WI
STUDY OF WISCONSIN HUNTERS
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # 8110
LAC WIED CTR-REGIONAL STU (133-5818) 40,200.00

STUDENT AID

1. JUSTICE, DEPT. OF
WASHINGTON, DC
LAW ENFORCEMENT EDUCATION PROGRAM
FOR THE PERIOD 08-01-77 THROUGH 07-31-78
AWARD # 77-LP-05-0023
LAC STU AF FIN ASSIST TO ST (144-5550) 5,300.00

TOTAL LACROSSE

460,709.00
=====

EXTENSION AND PUBLIC SERVICE	11,500.00
INSTRUCTION	218,846.00
LIBRARIES	3,855.00
MISCELLANEOUS	113,650.00
RESEARCH	107,558.00
STUDENT AID	5,300.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - OSHKOSH

GIFT-IN-KIND

1. UW-OSHKOSH FOUNDATION
OSHKOSH, WI
PARE LORENTZ FILMS AND VOLUMES FOR THE LIBRARY
OSH
2. UW-OSHKOSH FOUNDATION, REPRESENTING GIFT FROM
F. JOHN BARLOW
OSHKOSH, WI
100 RUSSIAN MINERAL SPECIMENS FOR GEOLOGY
DEPARTMENT
OSH
3. UW-OSHKOSH FOUNDATION, REPRESENTING GIFT FROM
LOUIS MAROHN
OSHKOSH, WI
PALUMBO PAINTING FOR USE IN POLLOCK HOUSE
OSH
4. UW-OSHKOSH FOUNDATION, REPRESENTING GIFT FROM
WYTL
OSHKOSH, WI
40 RECORD ALBUMS FOR USE ON UNIVERSITY RADIO
STATION WRST-FM
OSH
5. UW-OSHKOSH FOUNDATION, REPRESENTING GIFT FROM
PETER G. DUMN
OSHKOSH, WI
UTILITY TRAILER FOR ANTHROPOLOGY DEPARTMENT
OSH
6. UW-OSHKOSH FOUNDATION, REPRESENTING GIFT FROM
COLONEL NORMAN MAROHN
OSHKOSH, WI
TWO CHINESE EMBROIDERED WALL HANGINGS FOR LIBRARY
OSH
7. KITZ & PFEIL HARDWARE
OSHKOSH, WI
COMPUTER AND RELATED EQUIPMENT
OSH

INSTRUCTION

1. DHEW, OFFICE OF HUMAN DEVELOPMENT
CHICAGO, IL
IN SUPPORT OF THE FOLLOWING:
 - 1) HEADSTART PROGRAM
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AWARD # 4232 K/H
OSH EDUC INSTRUCTION (144-4449) 70,633.00
 - 2) ALTERNATIVE FUTURES IN CHILD AND FAMILY
SERVICES
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # 84-P-95866/5-02
OSH L&S SOCIAL WORK (144-4450) 37,148.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - OSHKOSH

INSTRUCTION

- 2. DHEW, PUBLIC HEALTH SERVICE
 HYATTSVILLE, MD
 NURSING CAPITATION GRANT PROGRAM
 FOR THE PERIOD 07-01-77 THROUGH 06-30-78
 AWARD # 2 E04 NU01529-06
 OSH NURS NURS-UNDERGRAD P (144-4452) 106,869.00
- 3. NATIONAL SCIENCE FOUNDATION
 WASHINGTON, DC
 INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM
 FOR THE PERIOD 09-01-77 THROUGH 08-31-79
 AWARD # SER77-11781
 OSH L&S PHYSICS-ASTRONMY (144-4451) 3,500.00
- 4. SMALL BUSINESS ADMINISTRATION
 MADISON, WI
 MANAGEMENT COUNSELING AND TECHNICAL ASSISTANCE TO
 SMALL BUSINESS CONCERNS
 FOR THE PERIOD 07-01-77 THROUGH 06-30-78
 AWARD # SBA-1296-MA-78
 OSH BUS AD BUS AD-UNDERGRAD (144-4453) 3,500.00

RESEARCH

- 1. FOX VALLEY WATER QUALITY PLANNING AGENCY
 (P/C WITH EPA)
 NEENAH, WI
 ANALYSIS OF WATERS IN THE FOX RIVER VALLEY
 FOR THE PERIOD 07-01-76 THROUGH 12-31-77
 OSH L&S BIOLOGY (144-5205) 1,000.00

TOTAL OSHKOSH

222,650.00
 =====

INSTRUCTION
 RESEARCH

221,650.00
 1,000.00



GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - PARKSIDE

LIBRARIES

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE LIBRARY RESOURCE PROGRAM FY78
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # G007751156
PKS LIB LC ADMIN (144-K747) 3,855.00
2. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
BIBLIOGRAPHIC INSTRUCTION AT THE UNIVERSITY OF
WISCONSIN-PARKSIDE
FOR THE PERIOD 01-01-78 THROUGH 12-31-80
AWARD # EH-28765-77-1237
PKS LIB LC ADMIN (144-K917) 72,297.00

RESEARCH

1. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
MOLECULAR CONTROL OF CELL DIVISION AND
DIFFERENTIATION -
INDIRECT COST ADJUSTMENT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AT A TOTAL COST OF \$20,668.00
AWARD # 1 R01 GM22543-01A2, MOD. 1
PKS SC&SOC SCIENCE LIFE SCI (144-K277) 618.00

TOTAL PARKSIDE

76,770.00
=====LIBRARIES
RESEARCH76,152.00
618.00

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - PLATTEVILLE

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN HUMANITIES COMMITTEE (P/C WITH NEH)
MADISON, WI
HUMAN RIGHTS CONFERENCE
FOR THE PERIOD 09-28-77 THROUGH 03-15-78
AWARD # G-FY76-54
PLT ET&PS INST OF INTL STU (144-0050) 2,842.00
2. ACTION
WASHINGTON, DC
MODEL FOR RECRUITMENT INTO THE PEACE CORPS
FOR THE PERIOD 09-01-77 THROUGH 09-30-78
AWARD # 712-2096
PLT AGRIC AGR SCIENCES (144-0044) 5,180.00

GIFT-IN-KIND

1. BUCYRUS-ERIE
SOUTH MILWAUKEE, WI
SURFACE MINING TRAINING PROGRAM CONTAINING
INSTRUCTOR'S MANUALS, MOVIES AND SLIDES
PLT ENGR COLLEGE OF ENGR

INSTRUCTION

1. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
INSTRUCTIONAL SCIENTIFIC EQUIPMENT
FOR THE PERIOD 08-12-77 THROUGH 08-31-79
AWARD # SER77-11946
PLT ENGR COLLEGE OF ENGR (144-0043) 900.00

LIBRARIES

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE LIBRARY RESOURCES PROGRAM
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # G007751715
PLT LIB RE UNIV LIBRARY (144-0045) 3,855.00

MISCELLANEOUS

1. FOUNDRY EDUCATIONAL FOUNDATION
CLEVELAND, OH
FOUNDRY EDUCATION GRANT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # 12848
PLT B,I&C IND TECH EDUC (133-0047) 500.00



GIFTS, GRANTS AND CONTRACTS
 NOV 11, 1977

UNIVERSITY OF WISCONSIN - PLATTEVILLE

PHYSICAL PLANT

1. DHEW, OFFICE OF EDUCATION
 WASHINGTON, DC
 INTEREST SUBSIDY FOR PLATTEVILLE LIBRARY,
 TITLE VII
 FOR THE PERIOD 09-15-76 THROUGH 09-15-77
 AWARD # 5-5-331-0
 PLT UNIT-W DEBT SV AC BLDGS (144-0046) 18,467.00

STUDENT AID

1. JUSTICE, DEPT. OF
 WASHINGTON, DC
 LAW ENFORCEMENT EDUCATION PROGRAM
 FOR THE PERIOD 08-01-77 THROUGH 07-31-78
 AWARD # 77-0039
 PLT ST AST LAW ENFORCEMENT (144-0041) 47,827.00
2. WISCONSIN RURAL REHABILITATION CORPORATION
 MADISON, WI
 TWENTY AGRICULTURE SCHOLARSHIPS FOR FIRST
 SEMESTER 77-78
 FOR THE PERIOD 07-01-77 THROUGH 06-30-78
 AWARD # 339
 PLT AGRIC DEAN OF AGRIC (133-0048) 6,840.00
3. WISCONSIN RURAL REHABILITATION CORPORATION
 MADISON, WI
 FIVE MEDICAL TECHNOLOGY SCHOLARSHIPS, FIRST
 SEMESTER
 FOR THE PERIOD 07-01-77 THROUGH 06-30-78
 AWARD # 336
 PLT ART&SC CHEMISTRY (133-0049) 1,710.00

TOTAL PLATTEVILLE

88,121.00
 =====

EXTENSION AND PUBLIC SERVICE	8,022.00
INSTRUCTION	900.00
LIBRARIES	3,855.00
MISCELLANEOUS	500.00
PHYSICAL PLANT	18,467.00
STUDENT AID	56,377.00

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - STEVENS POINT

INSTRUCTION

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
NATURAL RESOURCES CAREER EDUCATION FOR AMERICAN
INDIANS
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # G507-603-219
STP C-C SV IND DET THRU ED PRIDE (144-3342) 73,343.00
2. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
A WORKSHOP IN NATIVE AMERICAN EDUCATION
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # PAH 00366
STP COPS SCH OF EDUCATION EDUCATION (133-6309) 1,920.00

LIBRARIES

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE LIBRARY RESOURCES PROGRAM
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # G007750558
STP ESIP&L LRC TECH SVCS (144-4417) 3,855.00

RESEARCH

1. TENNESSEE VALLEY AUTHORITY
GOLDEN POND, KY
PARTICIPATION IN ACADEMIC ENRICHMENT PROGRAM
FOR THE PERIOD 08-28-77 THROUGH 12-17-77
AWARD # TV 46909A
STP CONR NATURAL RESOURCS NAT RESRCS (144-0911) 2,730.00
2. UPPER GREAT LAKES REGIONAL COMMISSION
WASHINGTON, DC
DRUMMOND PEAT BOG TERTIARY TREATMENT MONITORING
PROJECT
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
STP CONR NATURAL RESOURCS NAT RESRCS (144-8406) 26,000.00

STUDENT AID

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM
FOR THE PERIOD 08-28-77 THROUGH 05-18-78
AWARD # 72003130
STP C-C SV FINANCIAL AIDS ED OPP GTS (148-2209) 821,830.00

TOTAL STEVENS POINT

929,678.00
=====

INSTRUCTION	75,263.00
LIBRARIES	3,855.00
RESEARCH	28,730.00
STUDENT AID	821,830.00

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

1. ACTION
WASHINGTON, DC
PEACE CORPS COORDINATION ON CAMPUS
FOR THE PERIOD 09-01-77 THROUGH 09-30-78
AWARD # 77-99-659-712
STO CREI CTR-RES&ED IMPRV (144-0409) 8,080.00

GIFT-IN-KIND

1. CHRYSLER'S MOTECH AUTOMOTIVE EDUCATION CENTER
LIVONIA, MI
ONE FORD ENGINE, ONE TRANSMISSION, 8 CARBURETORS,
7 CHRYSLER MANUALS
STO

INSTRUCTION

1. UW-STOUT FOUNDATION
MENOMONIE, WI
PROGRAM DEVELOPMENT IN PACKAGING CONCENTRATION
FOR THE PERIOD 09-01-77 THROUGH 06-30-78
AWARD # 092777
STO I&TECH MATLS & PROCS (133-0294) 1,500.00

RESEARCH

1. WI DEPT OF ADMINISTRATION (P/C WITH LABOR)
MADISON, WI
CETA ENERGY EDUCATION PROJECT
FOR THE PERIOD 09-01-77 THROUGH 09-01-78
AWARD # 900-160
STO I PROG INSTR PROG DEVEL (144-0323) 56,320.00
2. WI DEPT OF PUBLIC INSTRUCTION (P/C WITH DHEW OE)
MADISON, WI
IN SUPPORT OF THE FOLLOWING:
- 1) CAPSTONE PROGRAM EVALUATION MODEL & PROCEDURES--
INTERIM
FOR THE PERIOD 09-01-77 THROUGH 09-30-77
AWARD # 7-8429/H266
STO CREI CTR-RES&ED IMPRV (144-0344) 2,182.00
- 2) ADDITIONAL AWARD TO WISCONSIN STATE PLAN FOR
CAREER EDUCATION
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
AWARD # PAH-00107
STO CREI CTR-RES&ED IMPRV (144-0379) 18,665.00
- 3) CAPSTONE PROGRAM EVALUATION MODEL & PROCEDURES--
PHASE II
FOR THE PERIOD 10-01-77 THROUGH 06-30-78
AWARD # 8/5189/R-084
STO CREI CTR-RES&ED IMPRV (144-0404) 21,046.00

TOTAL STOUT

107,793.00
=====

EXTENSION AND PUBLIC SERVICE 8,080.00
INSTRUCTION 1,500.00
RESEARCH 98,213.00

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - SUPERIOR

INSTRUCTION

1. NATIONAL ENDOWMENT FOR THE ARTS
WASHINGTON, DC
TOTAL ART TOUR IN NORTHERN WISCONSIN
FOR THE PERIOD 06-13-77 THROUGH 08-05-77
AWARD # R70-53-496
SUP F&AA COMMUNICATG ARTS COMM ARTS (144-0046) 3,000.00

LIBRARIES

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE LIBRARY RESOURCES PROGRAM, TITLE II-A
FOR THE PERIOD 07-01-76 THROUGH 06-30-77
AWARD # G007662395
SUP LIB RE UNIV LIBRARY (144-0064) 3,930.00

RESEARCH

1. ARCHITECTURAL RESOURCES, INC. (P/C WITH COMM)
DULUTH, MN
FISHERY ASSESSMENT BY ORBA COAL FACILITY AND
GRASSY POINT IN ST. LOUIS BAY
FOR THE PERIOD 08-01-77 THROUGH 09-30-77
SUP U RES DIR-E F & CLSES (144-0056) 2,500.00
2. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) DEVELOPMENT OF BIOASSAY PRODECURES FOR DEFINING
POLLUTION OF HARBOR SEDIMENTS
FOR THE PERIOD 11-01-76 THROUGH 10-31-78
AWARD # R 804918-01-0
SUP U RES DIR-E F & CLSES (144-0053) 4,940.00
- 2) INVESTIGATION OF SPINAL DEFORMITY OF TROUT IN
BRULE RIVER, WISCONSIN
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AWARD # CJ-7-0809-J
SUP U RES DIR-E F & CLSES (144-0058) 4,786.00

TOTAL SUPERIOR

19,156.00
=====

INSTRUCTION	3,000.00
LIBRARIES	3,930.00
RESEARCH	12,226.00



GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - WHITEWATER

INSTRUCTION

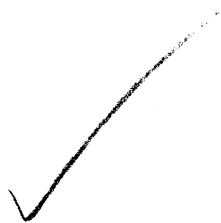
- 1. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM
FOR THE PERIOD 07-29-77 THROUGH 07-29-79
AWARD # J007701546
WTW L&S GEOGRAPHY-GEOL GEOG-GEOL (144-0853) 19,600.00

LIBRARIES

- 1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
LIBRARY INSTRUCTIONAL EQUIPMENT, TITLE VI-A
FOR THE PERIOD 06-28-77 THROUGH 06-30-78
AWARD # 007701546
WTW LIB RE LEARNG RESOURCES (144-0851) 1,936.00

TOTAL WHITEWATER 21,536.00
=====

INSTRUCTION 19,600.00
LIBRARIES 1,936.00



GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. MRS. ARTHUR LEMKE,
WEST BEND, WI
ROCK COLLECTION FOR THE DEPARTMENT OF GEOGRAPHY,
UW CENTER-WASHINGTON COUNTY
CNS WASH
2. DOUGLAS B. ROSENTRATER,
HONOLULU, HA
552 BOOKS FOR THE LIBRARY,
UW CENTER-WASHINGTON COUNTY
CNS WASH

MISCELLANEOUS

1. MULTIPLE DONORS
ECONOMICS EDUCATION DISCRETIONARY ACCOUNT
CNS SHEBOY ECONOMICS (133-B926) 25.00

RESEARCH

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
UNIVERSITY OF WISCONSIN CENTER SYSTEM CAREERSHIP
PROGRAM- COOPERATIVE EDUCATION
FOR THE PERIOD 09-01-77 THROUGH 08-31-78
AWARD # G007702678
CNS MARIN INTERDEPT INSTR (144-K782) 78,000.00
2. STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
MADISON, WI
AIR QUALITY MONITORING-MANITOWOC
FOR THE PERIOD 07-01-76 THRU 01-01-78
AT A LEVEL OF \$1,234.97
CNS MANIT ADMINISTRATION (133-B185) 350.00
3. STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
MADISON, WI
AIR QUALITY MONITORING-MARSHFIELD
FOR THE PERIOD 07-01-76 THRU 01-01-78
AT A LEVEL OF \$1080.52
CNS MARSH CHEMISTRY (133-B186) 200.00

STUDENT AID

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM
(REDUCTION DUE TO DECREASE IN NUMBER OF
ELIGIBLE STUDENTS)
FOR THE PERIOD 07-01-76 THROUGH 06-30-77
AWARD # 003897
CNS (148-R077) 56,302.00-

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

STUDENT AID

2. MULTIPLE DONORS
SCHOLARSHIP FUND AT THE UNIVERSITY OF WISCONSIN
CENTER-FOX VALLEY
CNS FOX VA ADMINISTRATION (133-9111) 25.00
TOTAL CENTER SYSTEM 22,298.00
=====

MISCELLANEOUS 25.00
RESEARCH 78,550.00
STUDENT AID 56,277.00-



GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. AGRIC, FOREST SERVICE
MADISON, WI
PRODUCTION OF A PUBLICATION TENTATIVELY ENTITLED
"SAVING ENERGY IN OLDER HOMES"
FOR THE PERIOD 01-01-78 THROUGH 09-30-78
AWARD # 11-1
EXT E C AGR JOURNALISM (144-K911) 6,000.00
2. WI DEPT OF ADMINISTRATION (P/C WITH COMM)
MADISON, WI
GREAT LAKES SHORE EROSION INFORMATION ASSISTANCE
PROGRAM
FOR THE PERIOD 04-01-77 THROUGH 09-30-77
AT A TOTAL COST OF \$11,670.00
AWARD # DATED 08-31-77
EXT E E D W GEOL NAT HIST (144-J792) 1,370.00
3. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) TITLE I ADMINISTRATOR UNDER TITLE I OF THE HIGHER
EDUCATION ACT OF 1965
FOR THE PERIOD 10-01-76 THROUGH 09-30-77
AT A TOTAL COST OF \$14,530.00
AWARD # NONE, MOD. 1
EXT G E A TITLE I HIGH ED (144-J352) 3,000.00
 - 2) TITLE I OF HEA REGRANT ALLOCATIONS TO NON-
UNIVERSITY INSTITUTIONS
FOR THE PERIOD 07-01-77 THROUGH 06-30-78
EXT G E A TITLE I HIGH ED (144-K152) 39,801.00
 - 3) PROFESSIONAL TRAINING IN CREDIT LEGISLATION
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # G007703049
EXT URB OR CTR-CONSUMER AFF (144-K751) 28,673.00
 - 4) HISTORY AND ANALYSIS OF CONSUMER AGENCIES
REGULATION
FOR THE PERIOD 10-05-77 THROUGH 02-15-78
AWARD # P00770639
EXT URB OR CTR-CONSUMER AFF (144-K908) 9,900.00
 - 5) CONSUMER EDUCATION INFORMATION SYSTEMS AND
TECHNICAL ASSISTANCE SERVICES AS VIEWED BY THE
BOARD OF REGENTS, UNIVERSITY OF WISCONSIN
FOR THE PERIOD 09-21-77 THROUGH 02-15-78
AWARD # P00770646
EXT URB OR CTR-CONSUMER AFF (144-K909) 7,188.00
4. WI DEPT OF PUBLIC INSTRUCTION (P/C WITH
DHEW OE)
MADISON, WI
MEDIA KITS FOR THE ELDERLY (BI-FOLKAL PRODUCTIONS)
FOR THE PERIOD 10-01-77 THROUGH 09-30-78
AWARD # LETTER DTD 9-13-77
EXT E C COMMUNICATION COMMUNICAT (144-K752) 27,246.00

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

5. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
DEVELOP A REPORT ON THE CURRENT STATUS OF WORKER'S
COMPENSATION PROVISIONS IN THE VARIOUS STATES, THE
DISTRICT OF COLUMBIA AND THE FEDERAL GOVERNMENT
FOR THE PERIOD 09-26-77 THROUGH 05-25-78
AWARD # WA-7-2285-J
EXT P H D SCH FOR WORKERS (144-K803) 10,000.00
6. WI DEPT OF ADMINISTRATION (P/C WITH ERDA)
MADISON, WI
WISCONSIN ENERGY EXTENSION SERVICE
FOR THE PERIOD 09-28-77 THROUGH 03-31-79
AWARD # AGREEMENT DTD 10/21/77
EXT E E D ADMINISTRATION (144-K924) 650,000.00
7. WI DEPT OF ADMINISTRATION (P/C WITH FEA)
MADISON, WI
MUNICIPAL OUTREACH PROGRAM: ENERGY CONSERVATION IN
LOCAL GOVERNMENT OPERATIONS
FOR THE PERIOD 08-25-77 THROUGH 08-24-78
AWARD # ADH-000910
EXT P H D ENGINEERING ADMIN (144-K790) 25,000.00
8. CITY OF MILWAUKEE, DEPT OF BUILDING INSPECTION
AND SAFETY ENGINEERING (P/C WITH HUO)
MILWAUKEE, WI
VOLUNTEERS IN HOUSECOPING
FOR THE PERIOD 06-03-77 THROUGH 06-02-78
AWARD # AGREEMENT DTD 05-26-77
EXT URB OR INSTIT CRIM JUS (144-K028) 75,338.00
9. WI COUNCIL ON CRIMINAL JUSTICE (P/C WITH JUSTC)
MADISON, WI
LAW STUDENT INTERN PROGRAM
FOR THE PERIOD 06-01-77 THROUGH 05-31-78
AWARD # 77-02-9-S-2952-6
EXT P H D HUMAN DEVELOPMNT CNT LEG ED (144-J962) 87,737.00
10. WISCONSIN HUMANITIES COMMITTEE (P/C WITH NEH)
MADISON, WI
IN SUPPORT OF THE FOLLOWING:
- 1) ADMINISTRATIVE ACCOUNT
FOR THE PERIOD 10-01-76 THROUGH 03-31-78
AT A TOTAL COST OF \$116,435.00
AWARD # S0-26070-76-913, MOD. 1
EXT ADM SV EXTRAMURAL SUPPT WI HUM COM (144-J363) 52,385.00
- 2) PROGRAM DEVELOPMENT AND EVALUATION
FOR THE PERIOD 10-01-76 THROUGH 03-31-78
AT A TOTAL COST OF \$18,700.00
AWARD # S0-26070-76-913, MOD. 1
EXT ADM SV EXTRAMURAL SUPPT WI HUM COM (144-J365) 6,200.00

GIFTS, GRANTS AND CONTRACTS
 NOV 11, 1977

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

11. UPPER GREAT LAKES REGIONAL COMMISSION
 WASHINGTON, DC
 IN SUPPORT OF THE FOLLOWING:
- 1) RECREATION RESOURCES CENTER
 FOR THE PERIOD 07-01-76 THROUGH 09-30-78
 AT A TOTAL COST OF \$125,000.00
 AWARD # 10X20318
 EXT E E D RECR RESOURCES C (144-H931) 25,000.00
- 2) AN IMPROVED MARKETING SYSTEM FOR FORAGE AND HAY
 FOR THE PERIOD 07-01-77 THROUGH 06-30-78
 AWARD # 10720355
 EXT E E D MEAT&ANIMAL SCI (144-K276) 48,339.00
12. MULTIPLE DONORS
 INTERIM COMMITTEE ON RURAL MENTAL HEALTH
 EXT P H D HEALTH SCI AREA MENTL HLTH (133-A555) 155.00
13. AGRICULTURAL RECORDS COOPERATIVE
 MADISON, WI
 ADMINISTRATION OF THE OFFICAL DAIRY HERD
 IMPROVEMENT REGISTRY TESTING PROGRAM 1977-78
 EXT E E D DAIRY SCIENCE (133-B071) 684.00
14. MULTIPLE DONORS
 ASSIST IN SUPPORTING COLLEGE WEEK FOR WOMEN
 EXT P H D FAMILY LIVING ED FAM LVG ED (133-B428) 47.00
15. MILWAUKEE COUNTY
 MILWAUKEE, WI
 DEVELOP A NEIGHBORHOOD HUMAN SERVICES PROGRAM
 MODEL TO SERVE AS A PILOT FOR TESTING IN THE
 HARAMBEE COMMUNITY FOR THE PERIOD 03-01-77
 THRU 10-31-77 AT A TOTAL COST OF \$22,000
 EXT E E D URB COMMUN DEVEL (133-B445) 2,000.00
16. COUNTY OF COLUMBIA
 PORTAGE, WI
 STATEWIDE PROSECUTOR/DEFENDER PROGRAM; SUMMER 1977
 EXT P H D HUMAN DEVELOPMNT CNT LEG ED (133-B524) 118.50
17. FRIENDS OF CHANNEL 21, INC.
 MADISON, WI
 ACQUISITION UNDERWRITING ACCOUNT-WHA-TV
 EXT E C TELEVISION (133-B871) 1,500.00
18. CORPORATION FOR PUBLIC BROADCASTING
 WASHINGTON, DC
 ELECTROSONIC STUDIO FOR THE PERIOD
 10-01-77 THRU 09-30-78
 AWARD # CPB NO.5343/30681
 EXT E C RADIO (133-B903) 76,500.00
19. CORPORATION FOR PUBLIC BROADCASTING
 WASHINGTON, DC
 "EARPLAY" PROJECT FOR THE PERIOD
 10-01-77 THRU 09-30-78
 AWARD # CPB NO 5342/30581
 EXT E C RADIO (133-B910) 278,000.00

GIFTS, GRANTS AND CONTRACTS
NOV 11, 1977

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

20.	WISCONSIN ACADEMY OF SCIENCES, ARTS AND LETTERS MADISON, WI SUPPORT OF THE SALARY OF A HALF-TIME PROGRAM COORDINATOR DURING THE PERIOD 10-01-77 THRU 06-30-78 EXT P H D HUMAN DEVELOPMNT ADMIN (133-B911)	11,586.68
21.	MENOMINEE RESTORATION COMMITTEE AND MENOMINEE COUNTY KESHENA, WI PARTIAL SUPPORT OF THE MENOMINEE COUNTY EXTENSION AGENT'S SALARY FOR THE PERIOD 10-01-77 THRU 09-30-78 EXT COM PR COMMUNITY PROGS CENTRAL (133-B912)	2,420.00
22.	MULTIPLE DONORS CAMP UPHAM WOODS SUPPORT EXT P H D YOUTH DEVELOP (133-0690)	5,441.33
23.	BEAVER DAM CHAMBER OF COMMERCE BEAVER DAM, WI SUPPORT PROGRAMS OF THE DEPARTMENT OF BUSINESS AND MANAGEMENT EXT E E D BUSINESS & MGT ADMIN (133-4539)	507.00
24.	ANONYMOUS DONORS SUPPORT UNRESTRICTED NURSING PROGRAMS OF THE UNIVERSITY OF WISCONSIN-EXTENSION DEPARTMENT OF NURSING EXT P H D HEALTH SCI AREA NURSING (133-6204)	120.45
25.	MULTIPLE DONORS UNIVERSITY EXTENSION FELLOWSHIP FUND EXT P S D STAFF TRNG DEV (133-7462)	100.00
26.	MULTIPLE DONORS SUPPORT DEPARTMENT OF ENGINEERING OF THE UNIVERSITY OF WISCONSIN-EXTENSION EXT P H D ENGINEERING ADMIN (133-8405)	125.00
27.	MULTIPLE DONORS EXT MEDICINE ROYALTIES ACCOUNT EXT P H D HEALTH SCI AREA CNT MED ED (133-8621)	75.37
28.	MULTIPLE DONORS TEST PROGRAM OF ALFALFA SEEDS EXT E E D AGRONOMY (133-8832)	100.00
	TOTAL EXTENSION	<u>1,482,657.33</u>
	EXTENSION AND PUBLIC SERVICE	1,482,657.33

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1977

UNIVERSITY OF WISCONSIN - EXTENSION

GIFT-IN-KIND

1. WISCONSIN 4-H FOUNDATION
86' x 40' NATURE CENTER BUILDING
AT UPHAM WOODS

GIFTS, GRANTS AND CONTRACTS SUMMARY
 ITEMS PROCESSED 09-17-77 THROUGH 10-21-77

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTER SYSTEM	-0-	-0-	-0-	25	-0-	78,550	(56,277)	-0-	22,298
EAU CLAIRE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
EXTENSION	1,482,657	-0-	-0-	-0-	-0-	-0-	-0-	-0-	1,482,657
GREEN BAY	-0-	-0-	3,855	25,279	-0-	1,050	2,040	-0-	32,224
LA CROSSE	11,500	218,846	3,855	113,650	-0-	107,558	5,300	-0-	460,709
MADISON	-0-	1,917,997	4,446	350,275	-0-	9,602,729	181,801	-0-	12,057,247
MILWAUKEE	-0-	372,255	-0-	87,193	-0-	465,130	5,683	-0-	930,261
OSHKOSH	-0-	221,650	-0-	-0-	-0-	1,000	-0-	-0-	222,650
PARKSIDE	-0-	-0-	76,152	-0-	-0-	618	-0-	-0-	76,770
PLATTEVILLE	8,022	900	3,855	500	18,467	-0-	56,377	-0-	88,121
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	-0-	75,263	3,855	-0-	-0-	28,730	821,830	-0-	929,678
STOUT	8,080	1,500	-0-	-0-	-0-	98,213	-0-	-0-	107,793
SUPERIOR	-0-	3,000	3,930	-0-	-0-	12,226	-0-	-0-	19,156
WHITEWATER	-0-	19,600	1,936	-0-	-0-	-0-	-0-	-0-	21,536
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	883,416	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
TOTAL NOV 1976	1,168,312	1,589,474	8,995	1,476,869	458,295	10,159,533	1,044,307	300	15,906,085
PREVIOUSLY REPORTED	1,647,915	10,958,859	387,035	1,988,628	1,539,840	37,446,626	28,582,917	149,335	82,701,154
GRAND TOTAL	2,816,227	12,548,333	396,030	3,465,497	1,998,135	47,606,159	29,627,223	149,635	98,607,239
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
FEDERAL TOTAL NOV 1976	600,183	1,414,337	7,860	125,270	254,320	9,719,449	924,772	-0-	13,046,191
PREVIOUSLY REPORTED	981,808	10,746,775	135,041	628,553	1,518,200	30,592,012	28,055,983	-0-	72,668,372
FEDERAL GRAND TOTAL	1,581,991	12,161,112	142,901	763,823	1,772,520	40,311,461	28,980,755	-0-	85,714,563

CHAPTER V

SYSTEM ADMINISTRATION

President of the University of Wisconsin System

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

Vice Presidents

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

Staff Services to the Board of Regents

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



Board of Regents of The University of Wisconsin System

November 10, 1977

OFFICERS

President
Edward E. Hales
524 Main St.
Racine 53403

Vice President
Milton E. Neshek
Godfrey Bldg.
Elkhorn 53121

MEMBERS

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

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

Arthur DeBardleben
P. O. Box 30
Park Falls 54552

Joyce M. Erdman
3408 Circle Close
Madison 53705

Edy J. Fish
P. O. Box 68
Hartland 53029

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

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

Dr. Barbara Thompson
126 Langdon St.
Madison 53703

Mary M. Walter
Box 155
Baileys Harbor 54202

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

TO: BOARD OF REGENTS

FROM: Edward E. Hales, President

SUBJECT: Status of proposed LAB audit

You have earlier received reports on the public hearing of the Joint Legislative Audit Committee, and a copy of my letter to Senator McKenna and Representative Metz following the Executive Session of the Joint Audit Committee.

As you know therefore, the Joint Audit Committee asked the LAB staff to prepare a statement concerning goals and procedures for two audits:

- An audit of the administration of the segregated fee accounts, and
- management audit of System administration. Senator McKenna confirmed in his press release concerning the action of the Joint Audit Committee that the Regents will receive the documentation of the protocol for each audit, and have opportunity to comment prior to final decision on implementation. The Committee will then decide whether to direct implementation of either, both, or neither of the audits, although it is reasonable to assume an intention that at least one of the proposed audits will be implemented during this academic year.

I should call attention to the fact that the Committee and LAB staff are now referring to these audits as "management audits" rather than "performance audits". We believe this reflects an intention to concentrate on auditing the relationship between written statements of policy and procedure and the implementation of these policies and procedures by those to whom they are applicable. However, the question of what is meant will become clearer when we see the statements of goals and procedures.

EXHIBIT B



Board of Regents of The University of Wisconsin System

OFFICERS

November 1, 1977

President
Edward E. Hales
524 Main St.
Racine 53403

Vice President
Milton E. Neshek
Godfrey Bldg.
Elkhorn 53121

MEMBERS

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

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Marshfield 54449

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

Dr. Barbara Thompson
126 Langdon St.
Madison 53703

Mary M. Walter
Box 155
Sheboygan Harbor 54202

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

TO: Board of Regents of the University of Wisconsin System

FROM: Regent Edward E. Hales

SUBJECT: VTAE Board Meeting on September 20, 1977

The VTAE Board met at the Wisconsin Indianhead Technical Institute, Rice Lake, on September 20, 1977; Regent member Edward Hales was present.

The Board heard presentations by Judith Kaufman, Project Director, and UW-Oshkosh Professor Teresa Olivares, Outside Evaluator, with regard to the Leadership Development Project, particularly the program funded for one year under the federal Women's Educational Equity Act of 1974. Goals of the project included the advancement of women and minorities into leadership positions within the VTAE system; the creation of training packages such as team building programs primarily involving custodial and technical staffs; and the development of a job bank/talent search program to alert women to job opportunities available within the system. Second year funding was not approved. After surprise and concern was expressed by the Board at the discontinuance of funding by the federal government, VTAE Director Lehrmann assured the Board that VTAE will attempt to "pick up" the project through its statewide affirmative action program. Regent Hales asked how the project was related to affirmative action. Mr. Lehrmann replied it was the "Education Arm--the functional arm." Regent Hales then referred to a letter he had received which argued that the certification codes of the VTAE system tended to discriminate against women and minorities. Regent Hales agreed to distribute copies of the letter to the Board.

The Board heard the Education Committee's report which included the following items: (1) the identification of a liaison group of representatives from the Wisconsin Advisory Council on Vocational Education, the State VTAE Board staff and DPI; (2) an overview of CETA activities, which led to a recommendation that the Governor be asked to define a more significant role for VTAE in the delivery of training components of the various federal acts, including CETA and other federal and state authorities; (3) a report of Native American education activities within the VTAE system; (4) UW-Madison Professor Jon B. Udell's study regarding "Skilled Labor in the Milwaukee Area: The Supply, Education Problems and Opportunities"; and (5) a "Report of the Task Force on Clinical Facilities." (Note: Problems stressed in the report included "lack of availability of certified cooperating clinics which participate in the various health occupations. A complicating factor in this relationship is the fact that many of the clinics are also used by other systems including UW and private

EXHIBIT C

institutions . . ." Also mentioned was that the University System is conducting a similar study of clinical sites. (A member of the VTAE task force is on the UWS Subcommittee on Clinical Sites.)

The Board then heard the report of the Facilities and Finance Committee. Included was the annual report of the VTAE system budget (for information); a number of resolutions concerning construction and environmental specialists' approval to construct [Note: the resolution regarding facility construction (cold storage building), Wisconsin Indianhead District, was tabled until the Committee consults with the UW System.]

The District-State Relations Committee reported on the guidelines for payment of nonresident tuition between districts and presented a report of Excess Property acquisitions.

Included in the Director's Report to the Board was reference to the "Youth Employment and Demonstration Projects Act of 1977," a fast-impact bill intended to address the problems of unemployed youth. The purpose of the Act is to reduce the very high level of unemployment among the nation's youth and to test a variety of methods for improving the transition from education to meaningful employment. Total federal funds for this new legislation are expected to be \$1.5 billion through fiscal year 1978.

The Executive Committee report included a list of State Board committee membership; the report on Distribution of State Aids for Fiscal Years 1975-76 and 1976-77; "Guidelines for Relationships Between VTAE and UW System for Programming in Continuing Education," (Note: Mr. Lehrmann expressed an optimistic view of the cooperation between the two agencies. He referred to it as significant progress. Mr. Johnson called this cooperation the most significant development in Wisconsin education in the 1970's.); the 1977-78 Memorandum of Agreement between the State Board and the Circuit Relations Committee; and a report about the District Board Member Orientation workshop.

Mr. Johnson distributed a resume of the activities of the UW Board of Regents which affects the VTAE system.

Mr. Zel Rice asked for documentation of proposed action by the VTAE Board Standing Committees before total Board action is taken.

The meeting adjourned at 12:00 noon.

REPORT OF NON-PERSONNEL ACTIONS BY ADMINISTRATIVE OFFICERS TO THE
BOARD OF REGENTS
AND INFORMATIONAL ITEMS REPORTED FOR THE REGENT RECORD

NOVEMBER 11, 1977

I. CONTRACTS AWARDED.

A. UW-MADISON

1. Visitor Parking Area
Far West Campus Site and Circulation Development
University of Wisconsin - Madison
(Project No. 7405-26)

CONTRACT AWARD

CONTRACT AMOUNT

a. General

Madison Crushing & Excavating Co.
4301 Sycamore
Madison, Wisconsin 53714

\$ 154,300.00

2. Charter Street Heating Plant Modifications
Boiler Repairs
University of Wisconsin - Madison
(Project No. 7701-27)

CONTRACT AWARDS

CONTRACT AMOUNT

a. Chemical Cleaning Boilers

Moorhead Machinery & Boiler Company
3477 University Avenue, N.E.
Minneapolis, Minnesota 55418

\$ 62,288.00

b. Refractory Repair Boilers

Moorhead Machinery & Boiler Company
3477 University Avenue, N.E.
Minneapolis, Minnesota 55418

\$ 23,159.00

c. Burner Removal, Tube Replacement, Refractory Work

Hooper Construction Corp.
2030 Pennsylvania Avenue
Madison, Wisconsin 53711

\$ 57,100.00

TOTAL CONTRACT AWARDS

\$ 142,547.00

A. UW-MADISON (CONTINUED)

3. Miscellaneous Equipment
Charter St. Heating Plant Modifications
University of Wisconsin - Madison
(Project No. 7701-27)

CONTRACT AWARDCONTRACT AMOUNTa. Economizers

Zurn Industries, Energy Division
1422 East Avenue
Erie, Pennsylvania 16503

\$ 160,778.00

4. Canopy Repair and Reroofing
Memorial Union
University of Wisconsin - Madison
(Project No. 7610-31)

CONTRACT AWARDCONTRACT AMOUNTa. Canopy Repair and Reroofing

Bachmann Const. Co., Inc.
Route 1
Sun Prairie, Wisconsin 53590

\$ 13,780.00

B. UW-STEVENS POINT

1. 1977 Student Union Renovation
University of Wisconsin - Stevens Point
(Project No. 7601-16)

CONTRACT AWARDCONTRACT AMOUNTa. General Construction

Altmann & Larson Cont. Inc.
110 E. Grand Avenue
Wisconsin Rapids, WI 54494

\$ 73,165.00

b. Plumbing

Towne, Inc.
3106 W. Wisconsin
Appleton, Wisconsin 54911

\$ 6,336.00

c. Heating, Ventilating and Air Conditioning

August Winter & Sons Inc.
2323 North Roemer Rd.
Appleton, Wisconsin 54911

\$ 109,500.00

A. UW-STEVENS POINT (CONTINUED)

d. Electrical

E-Con, Inc. \$ 20,300
4610 Plover Rd., P.O. Box 324
Wisconsin Rapids, WI 54494

TOTAL CONTRACT AWARDS \$ 209,301.00

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

A. 1973-75 Medical Center - Phase I
University of Wisconsin - Madison
(Project No. 6406-16)

Federal Project No. IC05-PE-04321-01
IC05-NU-04265-01

1. Change Order No. G-30-F ADD \$ 53,051.00

B. 1973-75 Harvey Hall Remodeling
University of Wisconsin - Stout
(Project No. 7509-7)

1. Change Order No. G-6 ADD \$ 25,793.00

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

- A. An agreement dated September 20, 1977 between the Board of Regents of the University of Wisconsin System and Complete Channel TV, Inc., providing for cable television service to certain residence halls was signed for the University of Wisconsin-Madison by the Associate Vice Chancellor.
- B. An agreement made on August 5, 1977 between the Board of Regents of the University of Wisconsin System and Wayne Bush, Route 1, Portage, Wisconsin, for the use of his property by the UW-Madison College of Engineering's superconductivity project in drilling a core hole for obtaining rock samples was signed for the University of Wisconsin-Madison by the Associate Vice Chancellor.
- C. An agreement between the University of Wisconsin-River Falls and the School District of River Falls for the use of Ramer Field Athletic facilities by the School District has been signed by the Vice President for General Services. The term of the agreement runs from September 1, 1977 through August 31, 1978 and may be renewed for four additional one-year periods by written mutual agreement of both parties.
- D. An agreement has been signed by representatives of UW-Green Bay and the Northeast Wisconsin Intertype Libraries, Inc. (NEWIL) wherein the campus will provide 100 square feet of space to NEWIL to provide for cooperative interest between staff members. The annual rate will be \$600.

E. An agreement between the City of Madison and the University of Wisconsin-Madison whereby the University is allowed to construct six concrete planters at the Education Sciences Building and enroach upon a portion of the street right of way has been signed. The building is located at 1025 West Johnson St.

F. To be published by the University of Wisconsin Press

<u>TITLE</u>	<u>AUTHOR</u>
Boswell's Flemish Portrait: A Preface to the <u>Life of Johnson</u>	Richard B. Schwartz
Madness and Sexual Politics in the Feminist Novel: Studies of Charlotte Brontë, Virginia Woolf, Doris Lessing and Margaret Atwood	Barbara Hill Rigney
The Von Schleinitz Collection of the Milwaukee Art Center	Rudolph M. Bisanz

IV. REPORT OF ACTIONS TAKEN BY THE STATE BUILDING COMMISSION ON OCTOBER 26, 1977 WHICH AFFECT THE UNIVERSITY OF WISCONSIN SYSTEM

UNIVERSITY	PROJECT	ACTION
1. UW-GREEN BAY	Requested that the source of funds for the \$13,500 1977-79 LLC Window Repairs Project be changed from Agency Operating Funds to State Building Trust Fund - Prior Funding Balances	APPROVED fund source change as requested and increased project cost to \$20,000 to complete additional work identified by BFM
2. UW-LA CROSSE	Requested allotment of an additional \$22,900 of State Building Trust Funds for the 1975-77 Main Hall Attic Insulation project, for a revised total project cost of \$43,200.	APPROVED \$22,900 using Prior Funding Balances/SBTF with requirement that project be rebid.
3. UW-MADISON	Requested authority to increase the budget for the 1975-77 Law Library Addition project, by a maximum of \$38,800, for a revised maximum total project cost of \$709,800	APPROVED
	* * *	
	Requested authority to construct the 1977 Greenhouse Addition - Peninsular Experimental Farm Project at the UW-Madison Peninsular Exp. Farm, near Sturgeon Bay, for a total project cost of \$25,000.	APPROVED

UNIVERSITY	PROJECT	ACTION
4. UW SYSTEM:	Requested allotment of \$3,015,200 of State Building Trust Funds, as part of the UW System's "1977-78 Annual Release" of 1977-79 Minor Projects to plan, bid and construct 35 projects.	APPROVED \$2,735,700 to plan, bid and construct 32 projects; perform "Engineering Studies for 2 projects, and deferred 1 project, as as follows:
UW-EAU CLAIRE	1. 1977-79 Fume Hood and Ventilation Improvements (\$75,000)	\$ 75,000
	2. 1977-79 Art Labs Ventilation (\$20,000)	20,000
	3. Total UW-Eau Claire (\$95,000)	(\$ 95,000)
UW-GREEN BAY	1. 1977-79 Studio Arts Remodeling (\$46,000)	\$ 46,000
	2. 1977-79 Creative Communications Stage Modifications (\$93,600)	93,600
	3. 1977-79 CCC Service Drive Reconstruction (\$74,900)	74,900
	4. Total UW-Green Bay (\$214,500)	(\$ 214,500)
UW-La Crosse	1. 1977-79 Wittich Hall Handicapped Barrier Removal (\$211,900)	\$ 211,900
	2. 1977-79 Tennis Court Resurfacing (\$37,700)	37,700
	3. 1977-79 Campus Lighting (\$36,300)	36,300
	4. Total UW-La Crosse (\$285,900)	(\$ 285,900)
UW-MADISON	1. 1977-79 425 Henry Mall Remodeling - Phase II (\$158,000)	\$ 158,000
	2. 1977-79 Horticulture/Agronomy Laboratory Remodeling (\$134,000)	134,000
	3. 1977-78 Three Transformer Vaults for Power Supply Maintenance (\$40,000)	40,000
	4. 1977-79 Education Building Classroom Renovation (\$41,000)	41,000
	5. 1977-79 Service Building Freight Elevator (\$150,000)	150,000
	6. 1977-79 Noland Hall Basement Remodeling (\$104,700)	104,700
	7. 1977-79 Memorial Library Miscellaneous Remodeling (\$28,300)	28,300
	8. 1977-79 Humanities Building Room 1621 Remodeling (\$45,000)	45,000
	9. 1977-79 Service Building Ventilation Improvements (\$101,000))) 5,000
	10. 1977-79 Chemistry and Russell Labs Fume Hood Improvements (\$100,000))) Eng. Study
	11. Total UW-Madison (\$902,000)	(\$ 706,000)

UNIVERSITY	PROJECT	ACTION
UW-MILWAUKEE	1. 1977-79 Kenilworth Heat-Water-Air System Improvements (\$60,800)	\$ 60,800
	2. 1977-79 Studio Theater Dimmer and Sound Systems Replacements (\$56,000)	56,000
	3. 1977-79 Art and Music Studios Remodeling (\$81,400)	81,400
	4. 1977-79 EMS Building Remodeling (\$36,000)	27,200
	5. 1977-79 Engelmann Gymnasium Renovation (\$63,900)	
	6. Total UW-Milwaukee (\$298,100)	<u>Deferred</u> (\$ 225,400)
UW-OSHKOSH	1. 1977-79 Handicapped Accessibility Improvements (\$220,000)	\$ 220,000
	2. 1977-79 Computer Center Modifications (\$46,500)	68,000
	3. Total UW-Oshkosh (\$266,500)	<u>(\$ 288,000)</u>
UW-PARKSIDE	1. 1977-79 Machine Storage Shed - Grounds (\$46,800)	\$ 46,800
	2. 1977-79 Service Loop Road Paving (\$28,800)	28,800
	3. Total UW-Parkside (\$75,600)	<u>(\$ 75,600)</u>
UW-PLATTEVILLE	1. 1977-79 Library Office Conversion (\$155,900)	\$ 155,900
	2. Total UW-Platteville (\$155,900)	<u>(\$ 155,900)</u>
UW-RIVER FALLS	1. 1977-79 Observatory Addition (\$164,500)	\$ 164,500
	2. 1977-79 Relocate Two Steel Buildings (\$61,000)	61,000
	3. Total UW-River Falls (\$225,500)	<u>(\$ 225,500)</u>
UW-STOUT	1. 1977-79 Heating and Ventilating Modifications (\$90,300)	\$ 58,000
	2. Total UW-Stout	<u>(\$ 58,000)</u>
UW-SUPERIOR	1. 1977-79 McCaskill Remodeling (\$140,000)	\$ 140,000
	2. 1977-79 Langley Auditorium Remodeling (\$91,000)	91,000
	3. Total UW-Superior (\$231,000)	<u>(\$ 231,000)</u>
UW-WHITewater	1. 1977-79 Hyer Hall Auditorium Safety Corrections (\$25,000)	\$ 25,000
	2. 1977-79 Handicapped Accessibility Improvements (\$149,900)	149,900
	3. Total UW-Whitewater (\$174,900)	<u>(\$ 174,900)</u>
TOTAL UW SYSTEM: (\$3,015,200)		<u><u>(\$2,735,700)</u></u>

5. UW-RIVER FALLS

Received verbal BFM report on the recent bidding of the 1975-77 North Hall Remodeling project, advice of UW System's intent to seek "Annual Review" re-enumeration for the remodeling portion of the project, and approved proceeding with the window replacement portion of the project at an estimated cost of \$158,000.

6. HISTORIC
PRESERVATION

Approved a slightly modified version of the previously published proposed policy on the preservation of state-owned historical structures and affirmed that, since actions on the UW-Milwaukee Downer Buildings and UW-Stevens Point Old Main Building had preceded the adoption of this policy, it was the intent of the Commission to NOT apply the policy in relation to implementation of these two projects.



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President
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1860 Van Hise Hall
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November 1, 1977

TO: BOARD OF REGENTS

FROM: John Lavine, Chairman, Education Committee *gmf*

RE: Attached Draft Paper on Collective Bargaining

As you know, the Board of Regents began reexamination of the issues relating to collective bargaining for faculty and academic staff at our October, 1977 meeting.

This meeting was given over to testimony from a number of representatives of faculty and student groups, and union organizations, together with discussion and commentary from members of the Board and System administrators.

The testimony again pointed up the continuing wide divergence of opinion about this subject within the UW System. These differences have also dominated the legislative hearings on collective bargaining.

Faculty opinion varies widely as to the desirability of collective bargaining in their institutions; the need for passing enabling legislation for a System already under strong statutory guarantees of faculty governance rights and responsibilities; and the wisdom of various provisions in any collective bargaining statute.

The Regents expressed interest in continuing discussion of this topic at their November meeting, pursuant to a determination as to whether or not we should reaffirm our position on collective bargaining taken in 1975, or affirm modifications in this earlier position.

As a basis for our discussions in November, and at the request of some Regents, I have put together the attached draft of a paper which summarizes the major points made to date and summarizes my thinking as well. The paper suggests a somewhat different position for the Regents. The paper also reflects some of my own judgments based on extensive participation in legislative hearings and innumerable public discussions over the last three years.

A further development since our October meeting makes it all the more important that the Regents be prepared to advise the Legislature on its position on collective bargaining. The Senate Agriculture, Aging and Labor Committee, chaired by Senator Cullen,

EXHIBIT E

met in Beloit, Wisconsin in October, 1977, with the intention of beginning to draft its own bill granting collective bargaining rights to faculty and academic staff. At the request of Senior Vice President Smith and myself and at the suggestion of some of its members, the Senate Committee decided to delay beginning the actual drafting of the bill until after the Board of Regents meeting in November. The Chairman has made it clear that the Committee intends to review the various positions on the basic issues and from that to develop a bill which can be reported out for further legislative consideration. The Senate Committee has asked all of the interested parties to be prepared shortly after the Regents meeting to set forth their position and suggestions on the basic issues that will need to be addressed on the assumption that legislation will be recommended now by them. Therefore, if the Regents are to have effective input into these legislative deliberations, we will need to adopt our position and suggestions at the November meeting.

In advance, I apologize for the length of the paper. To borrow a truism, I did not have time to write a short one. Also, there is a fairly lengthy set of ideas which must be dealt with if this subject is to be fairly considered. I do not pretend to believe that the paper will or should reflect the generality of Regent opinion about the position we should now take. My hope in presenting the paper is simply that it will facilitate our resolution of various issues by giving us a specific point of departure for our November discussion.

Attachment

cc: President Edwin Young
Senior Vice President Donald Smith
Associate Vice President Wallace Lemon

COLLECTIVE BARGAINING FOR FACULTY AND ACADEMIC STAFF OF

THE UNIVERSITY OF WISCONSIN SYSTEM:

A Report and Recommendations by the Board of Regents

I. BACKGROUND ON THE REGENTS' PRESENT CONCERNS

A. 1975 Position of the Regents

The present Regents' position is based on the 1975 Task Force Report on University Governance and Collective Bargaining. This report was developed after a year of intensive study by a broadly representative Task Force which included Regents, faculty, university administrators, legislative leaders, state government staff, students, and public representatives. A full reading of the report is necessary to an understanding of its multiple recommendation. However, there are three major propositions in the report which have been central to the position of the Regents as developed in legislative hearings. These are:

- (1) That collective bargaining as it presently operates in industry and public employment may not be compatible with the "shared governance traditions and practices of higher education."
- (2) That the Regents therefore "do not endorse the extension of these forms (current forms applicable to industry and public employment) to the University of Wisconsin System."
- (3) That if the State Legislature considers some form of collective bargaining for the University of Wisconsin System, the Regents recommend legislation separate from state and municipal collective bargaining laws, with "limited scope of bargaining" and "recognition and protection of the traditions and practices of shared governance."

AB 900 from the 1975 sessions and SB 335 from the present legislative session develop these Regent positions as well as other recommendations in the Task Force report.

Specifically, these bills propose extending entitlement to collective bargaining to faculty and academic staff on the assumption that: (a) collective bargaining processes could be controlled to protect shared governance by strictly limiting them to bargaining economic matters, by making other aspects of shared governance non-bargainable, and by institutional autonomy that (b) could be protected by designating the institution as the basic collective bargaining unit.

B. 1975 and 1977 Legislation

Two bills were introduced extending collective bargaining rights to faculty and academic staff in 1975. AB 511 was introduced by TAUWF and AB 900 was based on the Regents' Task Force Report. Hearings were held by the Assembly Labor Committee, the Joint Education and the Joint Finance Committees. The Assembly Labor Committee recommended AB 511 for passage, but the Joint Committee on Finance recommended against it. Neither bill was acted on by either house of the Legislature.

Three bills have been introduced in the State Senate in the 1977 session which would extend collective bargaining rights to faculty and academic staff of the System:

- (1) SB 389 - Introduced at the request of the Association of the University of Wisconsin Faculties (TAUWF), the Wisconsin Federation of Teachers and the AFL-CIO. (Generally similar to AB 511 of the 1975 session.)
- (2) SB 335 - Based upon the report of the Regents' Task Force on Collective Bargaining. (Similar to AB 900 of the 1975 Session.)
- (3) SB 363 - Introduced at the request of the Wisconsin Education Association Council (WEAC).

The bills are presently in the Senate Agriculture, Aging and Labor Committee which has held a public hearing and Executive Session discussion on them, but has not yet taken action.

C. Lack of Consensus

Widespread divergence of opinion also exists within the faculties of the University of Wisconsin System on nearly all of the fundamental questions which can be asked about collective bargaining for faculty and academic staff in higher education.

Is "shared governance" as developed in the UW System working? Opinion varies, although predominant opinion affirms that it is either working so well that collective bargaining should be avoided, or that it is at least so valuable that any collective bargaining bill should stipulate as a beginning point of bargaining all of the protections now provided by shared governance.

Should entitlement to bargain be given? In the System it would appear as if predominant faculty opinion says "yes" to this question on purely philosophical grounds. At the same time, substantial segments of the faculty believe that the form is fundamentally antiethical to the structure and mission of universities and therefore unwise public policy. Further, few faculty seem to favor a form of entitlement which does not simultaneously guarantee in law all of the rights and protections achieved through shared governance. There is also serious doubt whether the philosophical question of entitlement to bargain and bargaining itself can be separated in reality.

What would happen to the quality and effectiveness of universities under collective bargaining? Opinion varies widely, and the question itself reveals an additional perplexity.

Student representatives have also expressed great concern about the adoption of a collective bargaining bill. Many do not see the necessity for collective bargaining, but are concerned about its impact on student costs and their participation in university governance. Consequently, students have testified that if collective bargaining is adopted they want protection of their role in administering student segregated fees and want to be at least observers at negotiating sessions with rights to receive and present information. They also raise serious questions about what role bargaining would have on their participation in general university governance and what impact it would have on their fees.

Discussion in the last three years of collective bargaining bills before the Legislature has raised serious doubts as to whether either of the two major assumptions incorporated in the bills introduced as the basis of the Regents' Task Force report could, in fact, be sustained.

With three bills before the Legislature, each with differing positions on the key issues, it seems likely that many of the basic positions will be compromised in the legislative process if a bill is to pass. Therefore, doubt has developed over whether or not it is plausible to believe that a bill entitling collective bargaining can be passed and implemented which will, in fact, protect fully the forms of shared governance and institutional autonomy in the UW System, based on Chapter 36, Wis. Stats. (the Merger Bill), and on Regents' policies and rules.

Concern has also been expressed that even if these two minimum requirements of the Regents were recognized in enabling legislation, they could be eroded through interpretation and changes in the future. For example, one analysis of collective bargaining contracts in postsecondary education revealed the fact that a very broad range of issues turned up in contracts which were actually non-negotiable in the statutes under which the contracts were negotiated.

II. THE UNCERTAIN EVIDENCE ON THE EFFECTS OF COLLECTIVE BARGAINING

Presumably the best way of judging what would happen is that of studying what has happened as collective bargaining has been undertaken in other colleges and universities. But the record of "experience" at the present time is limited, ambiguous, and subject to an almost infinite range of interpretation--with interpretation varying in terms of the predispositions of the interpreter.

The fact is that collective bargaining by higher education faculties is a recent development. It is particularly recent and scattered in institutions of the stature of those in the UW System, or in institutions with well developed forms of shared governance. Most of the bargaining contracts now in place were developed in community colleges which lacked any tradition of development of shared governance. Few of the limited number of four year colleges or multi-purpose universities with collective bargaining have yet

negotiated their second contract. Therefore, while there is information available about the structure of collective bargaining in various institutions, the actual impact of contracts on shared governance, tenure, institutional autonomy in a multi-campus system, the cost of administration, job security, merit pay, and institutional quality cannot yet be effectively judged.

Some studies on the real effects of bargaining in higher education are beginning to emerge, but most of the reports at this stage are as diverse in their implications as the institutions studied.

Some of these studies do show some gains for faculty particularly in institutions with a history of limited faculty participation in governance. On the other hand, some of the reports counsel caution because of the tendency of contracts to promote centralization, to produce conflicts in governance roles of senates and unions, to introduce extra-university review of peer judgments on faculty personnel matters, and to affect substantially the factor of "merit" as a basis for compensation awards. While in no way attempting to be exhaustive in listing the reports presently available, a few of the reports which raised issues of particular concern are considered here. The concerns are listed next. These concerns are then referenced to a listing at the end of this paper which cites and summarizes the reports:

- (1) Faculty at the lower levels--instructor and assistant professor--benefited less from collective bargaining than did those at the same level who were not unionized. However, faculty at the upper levels, associate and full professors, did better if they were in a union than if they weren't. (II-1)
- (2) There appears to be a pattern of turning away from collegiality with faculty and administrators more as adversaries than colleagues. (II-2)
- (3) Faculty unions may have power at the expense of those faculty not in unions. (II-2)
- (4) Centralization is increased. Local autonomy is decreased. (II-2,3,4)
- (5) Standardization instead of diversity occurs. (II-2)
- (6) Bureaucracy increases and this limits peer judgment and institutional change. (II-2)
- (7) The broader and more comprehensive the bargaining unit, the greater the degree of leveling and/or homogenizing associated with collective bargaining. (II-3,4)
- (8) Collective bargaining brings the specific issues of faculty salaries, fringe benefits and personnel policies to the attention of state executive officials and legislatures. (II-3)

- (9) The inclusion of non-faculty titles in faculty units is associated with demands to extend faculty benefits to other members of the unit. The broader the scope of the contract, the greater the centralizing tendencies of collective bargaining. (II-3)
- (10) The state executive branch's authority over higher education is enhanced. (II-5)
- (11) State government intrudes directly into the universities operations. (II-6)

III. THE REGENTS' POSITION ON COLLECTIVE BARGAINING AT THIS TIME

- A. A Regents' position on the key question: Would it be wise public policy for the State of Wisconsin at this time to pass legislation enabling faculty and academic staff to bargain collectively?
- B. The implications of experience to date with faculty collective bargaining in higher education: An analysis.

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A. The Regents' Position

In earlier consideration of the question of collective bargaining, the Regents have not taken a direct position on whether or not the enactment of enabling legislation, regardless of its form, would be wise public policy for the State of Wisconsin and the University System.

For three reasons it now seems both wise and necessary that the Regents address this question directly, and provide their best judgment for state government, the people of Wisconsin, and the University community. These reasons are:

- (1) The Regents have an obligation to speak out on public policy considerations which may affect in fundamental ways the quality and effectiveness of public higher education in the State of Wisconsin.
- (2) While it is possible philosophically to separate the question of legislation "entitling collective bargaining," and the question of an actual decision on the part of a particular faculty to organize and engage in bargaining--these questions are not separable in the present Wisconsin context. That is, enactment of entitling legislation at this time will almost certainly lead to a move by some faculties at some University of Wisconsin institutions to enter into collective bargaining. Hence, the question of entitlement is moot. And the question that faces the Regents, the System and the State is whether bargaining by faculty and academic staff in the UW System is good public policy. If it is not wise public policy that bargaining take place, then it is certainly not wise public policy that an entitlement which will be implemented should be enacted into law.

- (3) The philosophic considerations which have led to entitlement to bargain collectively in sectors of public employment, other than those affecting higher education faculty and academic staff, assuredly do not apply in the case of faculty and academic staff in the State of Wisconsin. By tradition, state law, and Regent policy, UW faculty are already full participants in the governance of their institutions. They serve simultaneously as employees, professionals, and officers of their institution. They now have extensive and legally guaranteed rights and responsibilities for managing those institutions. By state law and Regent policy faculty and academic staff participate in the formulation of due process protections for employment conditions affecting them, and these due process protections are not only considerable--extending well beyond the level ordinarily achieved through bargaining by other sectors of public employment--but are fully codified in the state administrative code. No urgent claim of injustice which might conceivably be remedied through collective bargaining can be sustained in the University of Wisconsin System. Nor can any claim of isolation from participation in decisions affecting compensation and working conditions be currently sustained. Certainly, UW faculty now possess unique rights to participate in the selection of not only their colleagues but their "bosses." These rights far surpass those given to any other group of organized or unorganized Wisconsin employees.

Given these circumstances, the Regents on the basis of their study of conditions currently in the University of Wisconsin System, and their study of the effects of collective bargaining where it has been undertaken, by faculty elsewhere in the nation take this position:

The Regents do not support enactment at this time of legislation enabling the faculty and academic staff of Institutions of the University of Wisconsin System to bargain collectively.

The Regents affirm their intention to maintain study of experience with collective bargaining in higher education in other states, to undertake such analysis of the implications of this experience as might support continuation or modification of this position, and to advise the Governor and the Legislature on additional findings as these occur.

B. The Implications of Experience to Date With Faculty Collective Bargaining in Higher Education: An Analysis

Since various bills for enabling collective bargaining for faculty and academic staff are now before the Legislature, the best way of judging whether or not any such legislation would be wise public policy is to examine candidly the implications of such bargaining. These implications can be derived from an examination of experience with bargaining in other colleges and universities.

(1) Effect on Administrative Costs

The additional cost of administering collective bargaining for faculty and academic staff of the UW System could reach beyond \$2 million annually or \$4 million in each biennium. This is a heavy cost to be borne

by the people of Wisconsin for an activity which would not provide any additional services for teaching students, or for research, or for public service. It must be assumed that at the very least, these costs will eliminate other educational priorities for the UW System that might conceivably be funded. It is also possible that some or all of these costs would be charged against gross current state support for higher education, and have to be funded by reductions in current programs and services. (III-1)

(2) Effect on Salaries and Fringe Benefits for Faculty and Academic Staff

There is no evidence from experience with collective bargaining for faculty elsewhere in the country to indicate that it brings improved compensation levels. Equally and perhaps even more important, there is no evidence in the present approach of Wisconsin State Government to UW faculty and academic staff compensation to support the idea that collective bargaining will result in better treatment by the state.

The latest summary of studies of collective bargaining to date from elsewhere finds that faculty in unions have not benefited more than non-unionized faculties. Most surprising, to date faculty in lower ranks have tended to benefit less in terms of compensation than faculty in the highest ranks. (II-1)

In Wisconsin, the Governor and State Legislature have publicly committed to provide equitable treatment for all state employees. They have affirmed that they will not provide greater benefits to unioned employees than to non-unionized employees, or vice versa. Further, state government has changed the process of considering compensation adjustments for faculty and academic staff so that it follows the same process of review and approval as that followed for all other state employees unionized or non-unionized. The reality is that the same state agency, and the same legislative committee, and the same legislature will be making decisions on faculty and academic staff compensation under collective bargaining as under the present system. It is politically unrealistic to believe that these decisions will be changed for the better by collective bargaining.

(3) Effect on Shared Governance

Most of the faculty supporting entitlement to bargain collectively do not wish to abandon their current entitlement in state law to participate through their senate and committees in the governance of their universities. They wish to have the protections now afforded by state law and Regent policy protected by law from being bargained to impasse. They wish to bargain collectively for additions to present legal rights, responsibilities and protections. But is this really possible?

At present under state law the faculty serve as employees, as professionals, and also as managers of their university. For example, they have a major voice in deciding who shall be selected as the administrative heads of their universities, colleges, and departments. But under collective bargaining they work through a bargaining agent representing them as employees, much like employees in other sectors of public employment.

Consequently, it would no longer be appropriate if there were collective bargaining to continue in law a role for the faculty in overall management of their universities, colleges, and perhaps departments. Normal "managerial rights" under collective bargaining include management not faculty having final authority on employeworkload assignments, supervision of work performance, administration of disciplinary actions, and initiating removal or suspension actions. These management rights are not bargainable. Only the procedures which lead up to implementation of these rights are bargainable. Hence, faculty choosing to bargain should not hold the illusion that present forms of participation in the management of their institutions will be unaffected by bargaining, or that the legal necessity of collective bargaining to distinguish sharply between who are the managers and who are the employes will not remove those acting as employes from participation in a significant proportion of their current management activity.

(4) Effect on Senates and Senate Committees

Surely any collective bargaining bill for faculty and academic staff would necessarily avoid confusion as to who represented the faculty on governance matters: the faculty senate or the faculty union. Confusion over such questions has developed in universities outside Wisconsin undertaking collective bargaining as an "overlay" on faculty or shared governance.

The general practice in collective bargaining law in Wisconsin is that the bargaining contract, when approved by state government, takes precedence over all prior law affecting the matters bargained. The implication is clear that collective bargaining for faculty would place the union, as the primary representative of the faculty and relegate the senate only to those responsibilities the union agreed to give to the senate in the contract.

It would not be wise public policy for the Regents who would represent the public and the state as management under collective bargaining, to agree to a collective bargaining statute which would provide, as is now the case in SB 289 and SB 363 that the union could introduce for bargaining aspects of governance now operated by senates and faculty committees in cooperation with UW administration, but that the Regents for the state could not introduce such matters and bargain them to impasse as could the union.

Such a law would also inevitably produce continuous confusion, following each contract as to what responsibilities had shifted from the senate to the union, and what matters could be placed before senates which would not become an "unfair labor practice."

It would be wholly unwise for the state to pass a law which would permit broad scope bargaining for the union but prohibit management for the state from such bargaining, and which would produce confusion over such fundamental questions as "who represents the faculty?" or "what takes precedence, the contract or other laws and policies?"

Since it is not acceptable that a law give disproportionate bargaining rights to one of the parties, nor that it produce confusion on matters of governance, a law enabling bargaining would need to follow the practices usual to broad scope bargaining in Wisconsin and elsewhere in the country:

- All matters affecting compensation, hours, or working conditions, including such matters as tenure, workload, seniority, merit, promotion, fair share, and checkoff should be bargainable.
- The contract should supersede all other state laws covering matters which were bargained.
- The union would become the primary representative of the faculty and senates and faculty committees would assume only those roles specified in the contract.

The implication of such broad scope bargaining from the experience of other states is that the roles of senates and senate committees will be diminished in institutions previously having a strong system of faculty or shared governance. (II-2)

(5) Effect on Institutional Autonomy

One of the overall purposes of the UW System as stated in Chapter 36, Wisconsin Statutes, is to "foster diversity of educational opportunity." Concurrently, the Statutes charge the Board of Regents to "promote the widest degree of institutional autonomy..." The Board has given the highest priority to establishment of separate missions and distinct programs with a high degree of local autonomy and flexibility for each institution within Wisconsin's multi-campus system. This institutional autonomy is constantly under pressure through interference from a variety of external forces. The Board has considered itself a protector of institutional autonomy and has worked hard to minimize external restraints on the institutions. Now comes collective bargaining with its reported tendencies to promote further centralization and bureaucratization. Most reports on this question, particularly in regard to System operations such as ours, are pretty clear in their findings that collective bargaining inevitably leads to greater central controls, further standardization of practices, greater state agency involvement in decision making and a shift in decision making authority away from the campus and toward the statewide board and state agencies. Such an impact would, of course, be completely detrimental to the purposes and goals of the present UW System. (II-3)

(6) Effect on State Government Relations

The experience with collective bargaining in public higher education to date gives clear evidence that collective bargaining promotes a move toward greater centralization of decision making in state government agencies outside the University System. Collective bargaining also promotes the intrusion into university affairs by executive and legislative agencies which must approve contracts involving such matters as workload, tenure, range of services, etc., to a degree they have not been involved previously. (II-4,5,6)

(7) Effect on the Role of Students

At the present time the students of the University of Wisconsin System not only have statutory power with respect to UW System segregated fees which are paid by students. They also have a role on literally hundreds of university and faculty committees in the varying institutions across the UW System. These committees make the major management decisions of the UW System. If these decisions are to be made not on a shared governance basis but across a two-sided collective bargaining table, then the students, who are not party to either side of that table, will lose their right to be a vital part of the making of university decisions.

The students will also have to pay the increased costs--or at least 25 percent of the costs--that result from bargaining.

All of these factors combine to result in the lessening of the student role in the UW System and to an increased cost to the student pocketbook.
(II-2)

(8) Effect on Faculty Productivity

Under "shared governance," UW institutions presently administer assignment of workload among professionals largely at the departmental or school level. The faculty in a particular department have distributed workload in ways designed to make the best use of every faculty member's talents in each semester or term. Since faculty are professionals engaged in multiple kinds of work (teaching, research, public service, university service, advising, curriculum and course development, etc.), this method of managing workload has been efficient.

Some union contracts have featured provisions on workload for faculty which both constrain the faculty member who wishes to work overtime (a common aspect of the present practice), as well as setting minimum requirements. So one of the implications of the bargaining process could be to move responsibility for work assignments from faculty departments to managers.

Another serious question with great implications for the UW System is what happens to faculty decisions regarding promotions and tenure and other personnel actions. One reliable report about the CUNY System reveals that these matters were essentially faculty decisions before unionization, as is now the case in the UW System. In CUNY almost all decisions in which the faculty committee has made a negative recommendation are now grieved and the union accepts and presses the grievance. This not only increases litigation, but increases intervention into faculty personnel decisions by outside agencies. If this is the result to be expected, it would mean a weakening of faculty decision making in our System. It is an important potential consequence of collective bargaining that should be examined before proceeding with legislation.

(9) Summary

The foregoing comments on various aspects of university costs, governance, and practice as these might be affected by collective bargaining provides ample reason for the Regents to oppose at this time, as unwise public policy, any new law enabling collective bargaining by faculty and academic staff in the UW System.

Further experience in other states with collective bargaining may demonstrate that some of the implications of bargaining derived from experience to date will not, in fact materialize or continue. It may also become true that further changes in the environment in which universities must operate will introduce new reasons to consider bargaining by faculty and academic staff, or reason to expect that such movement would not erode the scope and quality of higher education services in Wisconsin.

IV. THE WISDOM OF FURTHER STUDY

The concerns and questions about collective bargaining discussed so far seem to counsel in the strongest way that for educational, fiscal, and personnel reasons the Regents and Legislature should at this time defer final judgment on the issue of whether or not enactment of collective bargaining legislation for higher education would be wise public policy for the state of Wisconsin. At the same time, as the discussion of the issues and questions in the preceding indicates, the Regents should vigorously pursue the study of the consequence of collective bargaining in institutions analogous to some of those in the University of Wisconsin System.

Particular attention should be given to gathering current information on the effects of bargaining in such institutions on such matters as compensation, tenure, job security, merit rewards, peer judgments on personnel matters, faculty or shared governance, student participation in governance, costs of administration, costs of education, and institutional quality. Particular attention should be given also to trends discernible as four-year colleges move from their first to their second contracts, and on the experience of faculty, administrators, students, staff, and governing boards with both the process and changes in their environment produced by the process. Then, the results of this should be reported to the UW System and the Legislature.

There is no crisis requiring immediate action by the Regents or state government. In areas of public employment bargaining, apart from university faculty, the impetus for legalizing bargaining has been a sense of deprivation on the part of employees of any influence over their conditions of employment. Lacking mechanisms for participating in the governance of their agencies, many employee groups have wished the right to bargain in order to secure definitions of employee rights and protections, and due process in the administration of such rights and protections.

This situation does not apply to faculty and academic staff in the University of Wisconsin System. The rights and protections of faculty are established in state law, the Regents' policies, rules, and procedures are provided at a level exceeding the rights and protections ordinarily achieved under collective bargaining contracts.

The rights and protections of academic staff are now similarly secured through the administrative code and Regents' and institutional policies and procedures even though the academic staff, unlike the faculty, are not legally defined as direct participants in the governance of their institutions.

Since neither faculty nor academic staff in the UW System are now significantly deprived in terms of their rights and protections; and since very few universities in the nation whose faculties and academic staff enjoy such well-defined rights and protections have opted for collective bargaining, it is difficult to picture the entitlement for collective bargaining without also seeing the clear need to answer some of the questions noted in the preceding. Surely this is an area in which Wisconsin can well afford to await the near at hand and better information from the experience of other states before taking a step which will affect, in irrevocable ways, the character and cost of its public universities. Wisconsin can wait because Wisconsin has already acted, more generously and completely than other states to establish rights and protections for its public university system employees.

The Regents should make known to the Legislature their judgment that in both the UW System and Legislature's best interests, further study is the most prudent course possible for Wisconsin at this point in time. They should also make known to the Legislature that at this point in time the Board of Regents does not believe it is in the best interests of the public to enact a collective bargaining law.

There is every reason to believe that continuing experience of faculty in colleges and universities across the nation will provide additional insight into the probable consequences of collective bargaining in higher education, and thus given the faculty, the Regents, and state government an improved basis for judging whether or not it is wise public policy. There is full willingness on the part of the Regents to pursue study of experience nationally with utmost vigor; to do this in concert with the faculties; and to share information and findings as developed within the System and with state government.

V. LEGISLATIVE CONSIDERATIONS FOR 1977-79

Finally, if despite the serious problems noted in Roman Numerals II-IV of the preceding, general public policy considerations cause the Legislature to move toward enabling legislation for higher education prior to the availability of more definite information on the consequences of such a step, then the Regents express their willingness and appropriateness as a body to advise the Legislature on the particular elements which should be incorporated in any such legislation. It is particularly important that the Regents be heard on such matters since:

(a) They are the policy-making body of state government responsible for effective management of the University System in the public interest. They must assure that the interests of state government and the public are properly guarded in any enabling legislation and that there is carry-through from that legislation after it becomes law.

(b) They have direct and continuing experience with the purposes and structure of the university enterprise. They will assure that the purposes and efficiency of the universities are not adversely affected and the highest public value is maintained.

(c) They are the agency which would be expected to exercise the employer role on behalf of the state under the collective bargaining bills.

If the Legislature determines to move ahead with legislation prior to further study by the Regents, the Regents then advise at this time that legislation should provide for a clear choice between the present system of faculty governance or collective bargaining and not add collective bargaining rights on top of those already provided under Wisconsin Statutes and Regents' rules. In that vein, the Regents advocate the following on the critical issues on legislation:

A. Scope of Bargaining

The enabling law should provide for collective bargaining on all issues that affect compensation, hours, and conditions of employment with no limitations except for a standard management rights clause which recognizes the rights and responsibilities of the Board of Regents as the employer. Bargainable items should include all matters of shared governance, including tenure and questions of dues checkoff and fair share arrangements. Nothing should be included (as it is in several of the bills) in the prohibited practices section to limit the bargainability by the Regents for the state of any item.

B. Primacy of Agreement

Language should be included that extends the primacy of any agreements over provisions of Chapter 36, Wis. Stats., and any existing rules or regulations or policies of the Board of Regents as these affect the individual members of the bargaining unit.

C. Existing Rights and Benefits

Language should be included which makes it clear that all existing rights, responsibilities, protections, and benefits will be continued for any employe who is not in a bargaining unit.

D. Bargaining Units

The bargaining unit should be related to institutions as defined in Chapter 36, Wis. Stats. There should be one unit for faculty and one unit for academic staff in each institution within the System. There should be appropriate provisions for the combining of units upon approval of the majority of each of the units.

E. Employer

Any collective bargaining bill for faculty and academic staff should make the Board of Regents responsible for negotiating and administering collective bargaining agreements. The bill should make the Board responsible for initially establishing guidelines with the Governor, Department of Administration, and Joint Committee on Employment Relations, and subsequently, for maintaining close liaison in the negotiation of agreements, particularly on the fiscal ramifications.

F. Election Ballot

There should be provision for a two-step election ballot which allows the employees to vote on two questions: First, do you favor or oppose collective bargaining; and second, if a majority vote is cast for collective bargaining, which of the following agents would you prefer? The votes on the second question, would be counted only if a majority of those voting voted in favor of collective bargaining.

G. Impasse Resolution

The Regents feel that it would be better at this time to provide procedures of mediation and fact-finding as in the State Employment Labor Relations Act and are opposed to adopting the process of mediation-arbitration which could end in final and binding arbitration. Since a state employe can always withdraw or withhold his or her services from the marketplace if he or she desires, extending the right to strike and lockout, with limitations for the protection of health and safety, would seem more appropriate than any form of compulsory arbitration.

REFERENCES

Sec. II - Reference 1

Leslie, Larry and Teh-Wei-Hu. "The Financial Implications of Collective Bargaining," Journal of Education Finance, pp. 37-53, Summer, 1977. This recent report summarizes the studies to date on the differences in compensation in union and non-union institutions and finds that while an early study showed higher salaries in unionized institutions, later studies show that these gains tend to stabilize and even diminish on a longer-term basis. However, the authors point out that the differences in these studies may be attributable to the differences in research designs, so it is difficult to draw valid conclusions.

Sec. II - Reference 2

Kemerer, Frank and Baldrige, J. V. Unions on Campus: A Natural Study of the Consequences of Faculty Bargaining, San Francisco: Jossey-Bass, 1975. This book reports on studies of the impact of collective bargaining on governance and decision making in higher education. It identifies a number of serious potential problems including: a general pattern of turning away from collegiality toward a polarizing of administrators and faculty; disproportionate power may be given to unions at the expense of non-unionized groups; centralization is promoted, and local autonomy is eroded; collective bargaining contracts promote standardization of campus operations; and bureaucratization is increased which limits peer judgments and institutional changes, etc.

Sec. II - Reference 3

Mortimer, K. D., Faculty Bargaining, State Government and Campus Autonomy: The Experience in Eight States. A joint publication by the Pennsylvania State University and Education Commission of the States, Denver, Colorado, April, 1976. This publication examines faculty collective bargaining experiences in eight states. It concludes that there is a persistent theme running throughout seven of the eight states--the centralization of decision making in either systemwide or state-level agencies that accompanies unionization. The report summarizes the factors that are associated with the degree of centralization and/or homogenization that occurs under collective bargaining, some of which include:

The broader and more comprehensive the bargaining unit, the greater the degree of leveling and/or homogenizing associated with collective bargaining.

The inclusion of non-faculty titles in faculty units is associated with demands to extend faculty benefits to other members of the unit.

The broader the scope of the contract, the greater the centralizing tendencies of collective bargaining.

Collective bargaining brings the specific issues of faculty salaries, fringe benefits, and personnel policies to the attention of state executive officials and legislatures.

Sec. II - Reference 4

Mortimer, K. P. and Johnson, Mark D. "Faculty Collective Bargaining in Higher Education," Educational Record, pp. 34-44, Winter, 1976. This report provides a comprehensive analysis of relationships between state governments and public institutions of higher education that have adopted collective bargaining. It concludes that, "One can draw two major conclusions from the early experience with faculty collective bargaining in the public sector. There is considerable variability among the states in the legal and structural frameworks for state-institutional relations under collective bargaining. Within this variability, however, collective bargaining appears to be part of a larger social, political trend toward centralized decision making and homogenization of policies and procedures affecting faculty with those affecting other public employees."

Sec. II - Reference 5

Law, K. K. and Mortimer, P. K. Faculty Bargaining at the University of Hawaii, Faculty Bargaining, State Government and Campus Autonomy: The Experience in Eight States. A joint publication of the Pennsylvania State University and Education Commission of the States, Denver, Colorado, April, 1976. This assessment of the University of Hawaii's experience concludes that, "The collective bargaining law has increased the authority of the state executive branch in all matters subject to negotiation."

Sec. II - Reference 6

Duryea, E. D. and Fisk, Robert. Collective Bargaining, the State University, and State Government of New York, Faculty Bargaining, State Government and Campus Autonomy: The Experience in Eight States. A joint publication of the Pennsylvania State University and Education Commission of the States, Denver, Colorado, April, 1976. This paper reviews the experience of SUNY with five years of collective bargaining and finds that by the means of collective bargaining the state government has intruded directly into very significant aspects of the university's operations and makes the following observations: "One cannot avoid speculating that if the scope of matters negotiated at the bargaining table expands, the authority of the board (University Board of Trustees) as a corporate body will decrease. Future developments will tell the tale, of course. But one can say with assurance that as the corporate authority of the governing board diminishes, this university--and other public universities in a similar context--will become increasingly less an institution with a unique position and more another agency of the state government."

Sec. III - Reference 1

Bucklew, Neil S. Controlling the Costs of Bargaining, Handbook of Faculty Bargaining, George Angell, Edward Kelly and Associates, pp. 520-538, Jossey-Bass Publishers, 1977. Mr. Bucklew in writing on the subject of the costs of bargaining estimates that a moderately sized single campus will incur on-going costs of between \$100,000 to \$185,000 to organize, develop information, negotiate and administer contracts. These estimates include only the so-called processing costs. They do not include the prior costs of preparing for collective bargaining or the additional indirect costs. Even assuming that the 15 institutions of the UW System are only moderately sized, using this estimate would project an additional cost of from \$1.5 to \$2.7 million to implement collective bargaining in the UW System without taking into account potential System costs.

Fiscal Notes

The fiscal notes for Bills SB 289 and 363 estimate that either will require an additional cost of \$822,300 annually. The cost of SB 335 is estimated at \$435,572 annually. The estimates were based on the cost of providing additional personnel at both the System and campus level for negotiating and administering the contracts. In testimony at the 1977 hearings, it was estimated that more recent experience may reveal that these estimates are very conservative. The real cost may be two or three times the fiscal note figures or from \$1.6 to \$2.5 million annually. These costs do also not take into account the additional workload that would be involved at the departmental and college level, but only at the campus and System level. The costs of SB 335 are anticipated to be less than the other bills because of the much greater restricted scope of bargaining and therefore the anticipated lower workload related to the handling of grievances. The fiscal note estimates were considered to be conservative estimates of the initial costs which will increase in time.

PROPOSED 1978 SUMMER SESSION INSTRUCTION FEE
AND TUITION SCHEDULE(1)

Using the methodology employed in the past, the summer session rates are established at one-half of the semester fee for the previous academic year.

Credits	DOCTORAL CLUSTER				UNIVERSITY CLUSTER			
	Resident		Non-Resident		Resident		Non-Resident	
	Under-graduate	Graduate	Under-graduate	Graduate	Under-graduate	Graduate	Under-graduate	Graduate
1	\$ 26	\$ 58	\$108	\$198	\$ 24	\$ 40	\$ 96	\$135
2	52	116	216	396	48	80	192	270
3	78	174	324	594	72	120	288	405
4	104	232	432	792	96	160	384	540
5	130	232	540	792	120	200	480	675
6	156	232	648	792	144	200	576	675
7	156	232	648	792	144	200	576	675
8	156	290	648	990	144	200	576	675
9	156	348	648	1,188	144	240	576	810
10	182	" (2)	756	" (2)	168	280	672	945
11	208	"	864	"	192	" (2)	768	" (2)
12	234	"	972	"	216	"	864	"

- (1) These rates also apply to off-campus credit courses. The rates do not include segregated fees which vary by institution.
- (2) No additional charge for graduate students taking over 9 credits in Doctoral Cluster and over 10 credits in University Cluster.

COMPARISON OF 1977 AND 1978 SUMMER SESSION FEES
(Excludes Segregated Fees)

DOCTORAL CLUSTER

Credits	Resident						Non-Resident					
	Undergraduate			Graduate			Undergraduate			Graduate		
	1977	1978	Incr.	1977	1978	Incr.	1977	1978	Incr.	1977	1978	Incr.
1	\$ 24	\$ 26	\$ 2	\$ 54	\$ 58	\$ 4	\$ 97	\$108	\$ 11	\$181	\$198	\$ 17
2	48	52	4	108	116	8	194	216	22	362	396	34
3	72	78	6	162	174	12	291	324	33	543	594	51
4	96	104	8	216	232	16	388	432	44	724	792	68
5	120	130	10	216	232	16	485	540	55	724	792	68
6	144	156	12	216	232	16	582	648	66	724	792	68
7	144	156	12	216	232	16	582	648	66	724	792	68
8	144	156	12	270	290	20	582	648	66	724	792	68
9	144	156	12	324	348	24	582	648	66	905	990	85
10	168	182	14				582	648	66	1,086	1,188	102
11	192	208	16				679	756	77			
12	216	234	18				776	864	88			
							873	972	99			

UNIVERSITY CLUSTER

Credits	Resident						Non-Resident					
	Undergraduate			Graduate			Undergraduate			Graduate		
	1977	1978	Incr.	1977	1978	Incr.	1977	1978	Incr.	1977	1978	Incr.
1	\$ 23	\$ 24	\$ 1	\$ 37	\$ 40	\$ 3	\$ 90	\$ 96	\$ 6	\$123	\$135	\$ 12
2	46	48	2	74	80	6	180	192	12	246	270	24
3	69	72	3	111	120	9	270	288	18	369	405	36
4	92	96	4	148	160	12	360	384	24	492	540	48
5	115	120	5	185	200	15	450	480	30	615	675	60
6	138	144	6	185	200	15	540	576	36	615	675	60
7	138	144	6	185	200	15	540	576	36	615	675	60
8	138	144	6	185	200	15	540	576	36	615	675	60
9	138	144	6	222	240	18	540	576	36	615	675	60
10	161	168	7	259	280	21	540	576	36	738	810	72
11	184	192	8				630	672	42	861	945	84
12	207	216	9				720	768	48			
							810	864	54			

CENTER SYSTEM

Credits	Resident						Non-Resident					
	Undergraduate			Graduate			Undergraduate			Graduate		
	1977	1978	Incr.	1977	1978	Incr.	1977	1978	Incr.	1977	1978	Incr.
1	\$ 22	\$ 23	\$ 1				\$ 87	\$ 93	\$ 6			
2	44	46	2				174	186	12			
3	66	69	3				261	279	18			
4	88	92	4				348	372	24			
5	110	115	5				435	465	30			
6	132	138	6				522	558	36			
7	132	138	6				522	558	36			
8	132	138	6				522	558	36			
9	132	138	6				522	558	36			
10	154	161	7				522	558	36			
11	176	184	8				609	651	42			
12	198	207	9				696	744	48			
							783	837	54			

PROPOSED 1978 SUMMER SESSION¹
SEGREGATED FEE SCHEDULE

No. of Cred- its	Eau Claire	Green Bay	La Crosse	Madison	Mil- waukee	Oshkosh		Park- side	Platte- ville	River Falls	Stevens ² Point		Stout	Superior	White- water
						Oshkosh	Oshkosh				Stevens	Stevens			
<u>UNDERGRADUATE STUDENTS</u>															
1	\$ 6.00	\$ 6.00	\$ 7.00	\$ 4.25	\$10.75	\$ 5.90	\$11.00	\$ 6.80	\$ 8.84	\$ 6.35	\$ 6.75	\$ 7.50	\$ 7.50	\$ 5.05	
2	12.00	12.00	14.00	8.50	14.45	11.80	15.00	13.60	16.18	12.70	11.00	14.50	14.50	10.10	
3	18.00	18.00	21.00	12.75	18.15	17.70	19.00	20.40	23.52	19.05	17.25	21.50	21.50	15.15	
4	24.00	24.00	28.00	17.00	21.80	23.60	23.00	27.20	30.86	25.40	23.50	28.50	28.50	20.20	
5	30.00	30.00	35.00	21.25	25.50	29.50	27.00	34.00	38.20	31.75	29.75	35.50	35.50	25.25	
6	36.00	30.00	39.00	25.75	29.25	35.50	31.00	36.50	45.54	38.10	36.00	42.00	42.00	40.50	
7	36.00	30.00	39.00	25.75	29.25	35.50	31.00	36.50	45.54	39.25	36.00	42.00	42.00	40.50	
8	36.00	30.00	39.00	25.75	29.25	35.50	31.00	36.50	45.54	40.40	36.00	42.00	42.00	40.50	
9	36.00	30.00	39.00	25.75	29.25	35.50	31.00	36.50	45.54	41.30	36.00	42.00	42.00	40.50	
10 & Over	36.00	30.00	39.00	25.75	29.25	35.50	31.00	38.50	45.54	42.20	36.00	42.00	42.00	40.50	
<u>GRADUATE STUDENTS</u>															
1	\$ 5.70	\$ 6.00	\$ 7.00	\$ 6.25	\$10.75	\$ 7.10	\$ 5.65	\$ 7.88	\$ 5.45	\$ 5.25	\$ 9.50	\$ 4.15			
2	11.40	12.00	14.00	12.50	14.45	14.20	11.30	14.26	10.90	8.50	17.50	8.30			
3	17.10	18.00	21.00	18.75	18.15	21.30	16.95	20.64	16.35	12.75	25.50	12.45			
4	22.80	24.00	28.00	25.75	21.80	28.40	22.60	27.02	21.80	17.00	34.50	16.60			
5	28.50	30.00	35.00	25.75	25.50	35.50	28.25	33.40	27.25	21.25	42.00	20.75			
6	28.50	30.00	39.00	25.75	29.25	35.50	29.50	39.78	32.70	25.50	42.00	33.50			
7	28.50	30.00	39.00	25.75	29.25	35.50	29.50	39.78	32.95	25.50	42.00	33.50			
8	28.50	30.00	39.00	25.75	29.25	35.50	29.50	39.78	33.20	25.50	42.00	33.50			
9	28.50	30.00	39.00	25.75	29.25	35.50	29.50	39.78	33.20	25.50	42.00	33.50			
10 & Over	28.50	30.00	39.00	25.75	29.25	35.50	30.50	39.78	33.20	25.50	42.00	33.50			

NOTES:

1. The guideline for maximum summer session segregated fee was 1/2 the regular semester segregated fee. Determination of charge per credit and level of maximum '78 summer session segregated fee was set by the individual campus.
2. 90¢ for undergraduate textbook rental is added for every credit over 10 credits.

In the UW-Center System, two Centers charge summer session segregated fees up to a maximum charge for 6 credits. (Fond du Lac \$1.25/cr.; Richland \$1.50/cr.)

The University of Wisconsin System



OFFICE OF THE PRESIDENT

November 1, 1977

1700 Van Hise Hall
Madison, Wisconsin 53706
(608) 262-2321

TO: MEMBERS OF THE BOARD OF REGENTS
FROM: Edwin Young, President *EY*
SUBJECT: Status Report on the 1978 Annual Review

Central Administration and the institutions have been proceeding as rapidly as possible in the past few weeks to prepare for the Annual Review in accordance with the Department of Administration budget instructions and timetable. Before commenting on the proposals we have begun to formulate, I want to briefly explain the current process.

In the last week in September, we received policy guidelines and instructions calling for submission by October 14 of a preliminary identification of System re-estimates and priorities for the Annual Review; final decision item narratives and other materials are due November 18. The preliminary listing of priorities allows the Department of Administration to indicate early which items should not be given further consideration for the Annual Review. Despite having only three weeks to consult with the institutions on priorities, we met the October 14 deadline for all except two major items which required more precise definition the following week.

In the absence of any opportunity to consult formally with the Board, we have proceeded in our discussions with the Department of Administration within the framework of established Regent policies and goals expressed in past annual and biennial reviews and actions. The state's timetable leaves us only one procedural alternative at this point. We are informing you of the nature of our recent Annual Review planning in order to obtain a clearer sense of direction. We will proceed to meet the Department's November 18 deadline as best we can with documentation subject to your review and formal action at the December meeting. I believe the Department of Administration will accept this condition and that it will have time to adjust to any modifications you might want to adopt in December. As I understand the timetable, the Governor's recommendations will not be submitted to the Legislature until mid-February.

Turning now to the substance of our Annual Review planning, I am most distressed by the impact of current state budget policies on the educational costs borne by our students. Since the Board has demonstrated a similar concern about the growing financial burden currently placed on students, I know we share the conviction that it should be the state's responsibility to assume more of the cost

EXHIBIT G

of investing in its own future. We had an extensive discussion on these points as recently as July when the Board had no alternative except to approve a fee schedule requiring an average 8.6% increase, with some students required to pay increases as high as 11%. Examples of both undergraduate and graduate students getting a degree or otherwise leaving the university with heavy debts are common. The most important policy recommendations we have identified for the 1978 Annual Review attempt again to address this problem in effective, equitable ways.

Consideration of policy changes to help hold down the educational costs borne by the students appears to be possible from a budgetary standpoint because we will be returning some state funding currently appropriated to the UW System. Our state-funded energy costs will be \$3.2 million less than projected in the biennial budget. Secondly, our enrollment funding requirements will be revised downward, although the exact amount cannot be determined at this time.

Our annual review items and preliminary fiscal estimates are summarized below and in the attachment. The program and fiscal details might change as our analyses are completed, but our submission for your review in December is expected to take this general shape:

1. Reducing the Students' Financial Burden

Three proposals would help to contain the growing debt burden placed on students. The first two represent major policy recommendations, and we will need additional discussions with the institutions, the Governor, the Department of Administration and others before reaching a final decision on the form in which they might be advanced in the annual review, or whether consideration should be given to other ways of proceeding on matters of student costs and work opportunities.

The third item, related to the federal minimum wage, is a technical adjustment in the 1977-79 budget decision on student wages.

a. State Sharing (50/50) in Student Fee Increases in 1978-79 (\$4.5 million GPR)

Fiscal estimates indicate the average fee increase for UW System students will be between 9.2% and 9.6% next year under current policy. This increase will vary by cluster and student category. Although most System employees will receive a substantially lower salary increase, averaging 7.5%, there are several factors that drive the fee increase beyond that level: energy costs increasing more rapidly than savings in consumption; health insurance premium costs; negotiated wage agreements; and various small budget increases (federal funding replacement, faculty development, services and projects for minority & disadvantaged students, and physical plant workload).

Such fee increases, coupled with a steady shift in state policy to reliance on loans, are creating student debt burdens and resultant academic hardship of serious proportions. An interim step can be taken in the Annual Review. The state should consider assuming 50% of the cost of the 1978-79 fee increase that would otherwise have to be paid by the students; the GPR share of the increment would be about 4.8% or \$4.5 million.

If the fee sharing proposal applied to residents only, the cost would be \$3.2 million GPR. However, our charges to nonresidents are very high relative to other midwestern states, justifying inclusion of these students in the scope of the proposal.

b. Wisconsin Students Serving Wisconsin Program (\$2.5 million GPR in 1978-79)

Another option that would help hold down student debt is expansion of the students' opportunities for meaningful part-time work. This would serve two other goals simultaneously: to provide students work experience relevant to their education and, secondly, to augment the services currently available to the universities and to non-profit agencies meeting social and cultural needs in the communities and surrounding areas.

A program to be known as "Wisconsin Students Serving Wisconsin," similar to the federal VISTA program, has been conceived as possibly the most effective way to meet these goals. It is conceivable that other approaches to the same problem area will surface in our discussions in the next few weeks but we believe the approach now envisioned has great merit. A program that would provide 2100 to 2300 jobs at the federal minimum wage for 10 hours per week during the academic year would cost approximately \$2.5 million annually. This budget would include administrative costs of 4% to 8%.

The program would provide earned gross income of approximately \$1,100 per academic year to each student employed.

c. Increase in Wages for Students Now Employed by the UW System (\$552,500 GPR for the biennium)

Although not required by federal legislation to conform to the minimum wage, the UW System should continue to raise student wages in relation to increases in the federal minimum. Part of the increase, above that already authorized in the biennial review, would be effective January 1, 1978 (to \$2.65) and the bulk of the adjustment (to \$2.90) would apply in 1979. The annual review request is for GPR-funded services only, but the wage policy would apply throughout the System.

2. Other Policy Considerations: Changes in Programs and Statutes

Enrollment experience and projections are one of the most important considerations for the Annual Review. We will be unable to translate our fall, 1977 registrations into revised enrollment projections and budget adjustments before early December. You will receive at least a preliminary report at the December meeting. We believe there will be a modest GPR refund to the state for 1978-79, but the amount cannot be estimated at this time.

There are several other policy considerations, three of which involve simple amendments to refine existing statutory language.

a. Faculty Development (\$171,100 GPR over escrowed amount of \$256,700)

Preliminary indications from the Department of Administration are that the Annual Review ground rules would rule out consideration of a restoration to the original recommendation in the 1977-79 executive budget. However, Central Administration is asking the Governor and Department of Administration to consider the possibility that the institutions' faculty development plans, due in November, will show new evidence of the urgent need for additional funds to prepare for the more difficult conditions of the 1980's.

b. Extended Degree Program Pilot Projects (\$500,000 GPR in 1978-79)

After several years of detailed planning, some campuses are ready to begin offering degrees off-campus through the Extended Degree Program format. Many adults are ready to enroll in this program. Although the program was authorized by the Legislature, no funding was provided. Our intention is to address general funding needs in the 1979-81 biennial review. However, Annual Review funding to offer extended degrees in 1978 at UW-Superior, UW-Stout, UW-Green Bay and UW-Platteville would promise two advantages: an unnecessary one-year delay in implementation would be avoided by these universities and, secondly, their experience as pilots during 1978-79 would contribute to more realistic preparations for 1979-81 at other institutions. UW-Superior would offer an individualized major. A degree in vocational education would be offered at UW-Stout. UW-Green Bay would offer a degree in General Studies. UW-Platteville would offer a business administration degree.

c. Engineering Survey Team for Energy Conservation (\$117,800 GPR in 1978-79)

The energy conservation team currently working on the dorms and other auxiliary facilities will complete its work by July 1, 1978. We are seeking funding to allow this team of four engineers to shift its focus to GPR funded buildings because the five energy conservation positions authorized in the biennial budget can cover only a few institutions. The two efforts combined would continue to be small in relation to the amount of technical surveys required in GPR-funded buildings. These efforts can produce savings quickly in amounts greatly exceeding the cost of the staff.

d. Adjusting Assumptions About Inflation (\$971,500 GPR in 1978-79)

We have advised the Department of Administration that the biennial budget assumptions about the rate of inflation seem to be underestimated by 2% to 3%. We think the assumption should be raised to about 7% on items meeting the biennial guidelines. Our hope is that adequate funding to continue the present rate of library acquisitions, equipment replacement and other purchases can be appropriated. We have been informed that this question will be decided on a statewide basis for all agencies and that a specific request is unnecessary.

e. Statutory Amendments (Involves no GPR requests)

1. As proposed in the biennial budget submitted by the Regents, the outdated, fixed dollar ceiling on tuition remissions should be converted to a limit that rises with tuition increases. By no later than 1979-80, and probably in 1978-79, the decline in the number of possible remissions within the fixed dollar amount will have an undesirable impact on teaching and affirmative action goals.
2. As recommended by Governor Lucey before he became Ambassador, the new law instituting the graduate application fee should be amended to allow for waivers in hardship cases. Some form of waiver is general practice in the Big 10. Typically, the number of waivers is a small proportion of the applications. We estimate we will need authority to waive up to 8% of the application fees on a systemwide basis, but some universities will need more latitude.

3. We have under consideration the possible need to seek an amendment clarifying the law authorizing sabbaticals. The law controls the cost of "replacement" faculty in relation to the savings generated from the salaries of faculty on sabbaticals; leaves typically are for one semester at full salary or an academic year at half the salary. A determination that an amendment is needed will depend on additional discussion with legislators, the Department of Administration and the Legislative Fiscal Bureau on the interpretation of the present law. If narrowly interpreted, the law would not permit, in an operational sense, effective use of the sabbatical authorization in the Center System and other institutions with small departments where colleague coverage is most difficult to provide. If legislative intent is to allow participation across the System, a clarifying amendment is unnecessary.

Technical, Cost-to-Continue Adjustments

There are several adjustments to be made in sum sufficient projections for utilities and debt service and in other appropriation lines such as program revenue estimates. Among the GPR-related items, which are listed in the attachment, the most important to note is a \$3.2 million reduction in the initial 1977-79 biennial projections for energy costs. Although there is a substantial lowering of these biennial projections, there will be a significant increase in 1978-79 over the level for the current year. This will have an impact on fees as I explained earlier.

Continuing evaluations of the budget requirements and schedule for occupying the new Clinical Sciences Center at UW-Madison indicate that current appropriations will probably have to be redistributed between years, shifting more to 1978-79. The total for the biennium for the Center appears adequate but moving and start-up costs cannot be identified precisely at this time.

System officers and staff will attempt to answer any questions you might have at the next Board meeting and throughout the Annual Review.

Attachment

Attachment

UW System Planning Efforts for the 1978 Annual Review
 Summary of Preliminary Fiscal Estimates
GPR Only

	<u>1977-78</u>	<u>1978-79</u>	<u>Biennial Increase</u>
1. <u>Reducing the Students' Financial Burden</u>			
a. State Sharing (50/50) in Student Fee Increases for 1978-79		\$4,499,700	\$4,499,700
b. Wisconsin Students Serving Wisconsin Program		2,500,000	2,500,000
c. Student Wage Increases	\$175,100	477,400	652,500
	(175,100)	(7,477,100)	(7,652,200)
2. <u>Changes in Programs and Statutes</u>			
a. Faculty Development(Non-Add Item at this time)*		171,100 NA	171,100 NA
b. Extended Degree Program		500,000	500,000
c. Engineering Survey Team for Energy Conservation		117,800	117,800
d. Additional GPR Inflation Offset(Non-Add Item)**		971,500 NA	971,500 NA
e. Statutory Amendments (No GPR effect)			
1. Tuition Remission Ceiling Escalator			
2. Graduate Application Fee Waiver			
3. Possible Clarification of Control Features in Sabbatical Statute			
		(617,800)	(617,800)
3. <u>Technical Cost-to-Continue Adjustments</u>			
a. Sum Sufficient - Heat and Utilities Adjustments***	-1,810,800	-1,387,600	-3,198,400
b. Sum Sufficient - Debt Service Adjustments	-304,500	757,500	453,000
c. Space Rental - 1815 University Avenue		64,000	64,000
	(-2,115,300)	(-566,100)	(-2,681,400)
Total	\$-1,940,200	\$7,528,800	\$5,588,600****

* Final decision on preparation of our proposal must await evaluation of institutions' plans due in November.

** To be considered on a statewide basis.

*** Despite these savings, the cost of utilities will increase significantly in 1978-79 over the current year.

**** This figure will be revised downward when reestimates for enrollment funding have been completed.

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

Madison, Wisconsin

November 11, 1977

This is a summary of the major actions taken by the Board of Regents on the above date. Full minutes of the meeting will be available within a month at the main library or archives on each campus of the University System and the Legislative Reference Bureau of the State Capitol.

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	4. Report on Meeting of Joint Legislative Audit Committee	2 & Exh. B
	5. Report on VTAE Board Meeting	2 & Exh. C
B.	REPORT OF THE PRESIDENT OF THE SYSTEM	
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SUMMARY 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 11, 1977
9:02 A.M.

President Hales presiding

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

ABSENT: Regent Lavine

Upon motion by Regent Neshek, seconded by Regent Gerrard, it was VOTED, That the minutes of the Regular Meeting of the Board of Regents of the University of Wisconsin System held on October 7, 1977, be approved as sent out to the Regents.

A. REPORT OF THE PRESIDENT OF THE BOARD

1. President Hales recognized Regent DeBardleben, who made the following statement:

"I wish to comment briefly and introduce a resolution relating to the death of A. Matt. Werner in Sheboygan on November 3, at the age of 83.

"It was in this room on March 14, 1969, that Regent Werner announced to the other members of the Board that he had submitted his resignation to Governor Knowles after serving for 30 years on the Board of Regents.

"Later the same day his fellow members adopted a resolution commending him for his service. You will recognize the names: Regents Gelatt, Kahl, Nellen, Pasch, Sandin and Ziegler. The resolution noted that: 'A. Matt. Werner has served the University of Wisconsin as a member of the Board of Regents for an unparalleled thirty consecutive years under appointment from four Wisconsin governors and has been president and vice president of the Board for nearly half of that span of years; his sound judgment and perceptive leadership have advanced this institution and its ideals in a manner which has enriched the state's tradition of citizen guidance of the University. He has won the respect of scholars in the University community with his commitment to free inquiry . . . he has been one of Wisconsin's outstanding newspaper publishers and one of its leading examples of service to community, state and nation during a long and fruitful career . . .'"

Regent DeBardleben, noting that he had had the privilege of serving for nine years on the Board with A. Matt. Werner, moved adoption of the following resolution, the motion was seconded by Regent Neshek, and it was voted:

Resolution 1550: That the members of this Board affirm and acknowledge the great contributions of A. Matt. Werner to the University and State of Wisconsin, and extend our sympathy to his widow, Dorothy, his four sons and his daughter, his twenty-five grandchildren and one great grandchild.

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2. President Hales recognized Mr. John Rury, a member of the International Committee Against Racism, for the purpose of making a statement. Mr. Rury's remarks relative to University investments in corporations with holdings in South Africa will be found in the full minutes on file in each campus library.

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3. Regent Neshek moved that Chapter I, Section 6, of the By-Laws be amended to read as follows:

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

and that Chapter V of the present By-Laws be rescinded and a new Chapter V (attached as EXHIBIT A) be created, and the motion was seconded by Regent Fitzgerald. Regent DeBardleben's motion to amend Chapter I, Section 6, to change the letter capital E in "Edition" to lower case and the letter capital C in the word "Current" to lower case and that the italics not appear in the version as published was accepted by the maker of the motion and by the seconder.

The question was put on the proposed amendments, and they were voted.

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4. President Hales referred to the report of the meeting of the Joint Legislative Audit Committee, attached as EXHIBIT B. The short discussion which followed will be found in the full minutes on file in each campus library.

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5. President Hales stated that the practice of reporting on the activities of the Vocational, Technical and Adult Education Board meetings would be continued in the future. The report of the meeting held on September 20, 1977, is attached as EXHIBIT C.

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B. REPORT OF THE PRESIDENT OF THE SYSTEM

1. President Young stated it was the opinion of Central Administration that the meeting scheduled for January 6, 1978, was not necessary.

Regent Neshek moved that the January 6, 1978, meeting of the Board be cancelled, the motion was seconded by Regent McNamara, and it was voted. President Young noted that the December meeting will be held in Milwaukee, and the Secretary reminded the Regents that they should make hotel reservations.

2. Regent DeBardleben moved adoption of the following resolution, the motion was seconded by Regent McNamara, and it was voted:

Resolution 1551: 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 D, on file)

C. REPORT OF THE EDUCATION COMMITTEE

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

1. Regent Lawton reported that all Regents had been invited to attend the meeting of the Education Committee on the previous day to consider the November 1, 1977, paper entitled A Report and Recommendations by the Board of Regents (attached as EXHIBIT E) prepared by Regent Lavine following the discussion of collective bargaining that took place during the October meeting of the committee.

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

Resolution 1552: That the Board of Regents of the University of Wisconsin System adopt the position paper dated November 1, 1977, on Collective Bargaining and instruct the President of the Board and the President of the System to implement it. (EXHIBIT E, attached)

The extended discussion which followed will be found in the full minutes on file in each campus library.

Regent DeBardleben moved that paragraph V, Legislative Considerations for 1977-79, B. Primacy of Agreement, be deleted, and the motion was seconded by Regent Barkla. The paragraph referred to reads as follows: "Language should be included that extends the primacy of any agreements over provisions of Chapter 36, Wis. Stats., and any existing rules or regulations or policies of the Board of Regents as these affect the individual members of the bargaining unit".

The question was put on the amendment, and it failed, with Regents Barkla and DeBardleben voting "Aye".

After further discussion the question was put on the resolution, and it was voted, with Regent Barkla voting "No", Regent McNamara abstaining, and with Regent Lavine absent.

2. Regent Lawton reported that in the committee meeting on the previous day there had been a presentation by Dean W. Robert Marshall, College of Engineering, UW-Madison, entitled "Review of College of Engineering Programs".

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3. Regent Lawton reported that the committee received the Annual Report on Women's Studies. He noted that in the future the Board will continue to be brought news of new developments and/or problems, but the practice of annual reporting will be discontinued.

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4. Regent Lawton reported that the report of the Senior Vice President to the committee covered the following items:

- (1) Progress Report on the Performing Arts Study
- (2) Appointment of Television Production Coordinator

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

Resolution 1553: That the Regents receive the Report of the Cooperative Plan for Personnel Preparation in Handicapped Education (1977) and refer it to the University of Wisconsin System Education Professions Advisory Council for review, analysis, and recommendations.

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6. Regent Lawton stated that Vice President Smith announced a change in procedure in the future to allow for more discussion and inquiry on personnel policies; they will be brought forward for information at a first reading with action scheduled for the succeeding meeting of the Board.

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

Resolution 1554: That, upon recommendation of the President of the UW System and the Chancellor and Faculty Senate of UW-River Falls, the UW-River Falls faculty personnel policies and procedures document be approved, as required under UWS 2.02.

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

Resolution 1555: That, upon recommendation of the President of the UW System and the Chancellor and Faculty of UW-La Crosse, the Master of Science program in Adult Fitness-Cardiac Rehabilitation be approved with an effective implementation date of Fall, 1978. Also, that the program be subject to a joint System/campus review during the 1981-82 academic year.

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

Resolution 1556: That, upon recommendation of the President of the UW System, (Policy-Revised) Resolution 1326, dated October 15, 1976, be amended to read as follows (amended portion underlined):

That the Regents recognize the responsibility of the individual instructor to determine policy concerning recording of lectures in his or her classroom.

Prohibitions of tape recorders in classrooms may not be imposed upon qualified handicapped students who must utilize tape recorders because of the nature of their handicaps to effectively participate in a class provided such students have signed agreements that they will not release the tape recording or transcription to others.

Notwithstanding the above, a teacher may, on certain occasions, for reasons concerning pedagogical practice or academic freedom, interdict the taking of notes. At such times, he/she may also forbid the use of tape recorders.

9. Regent Lawton reported that the committee next considered the first reading on institutional entitlements to plan. He reported that committee members asked questions for clarification concerning seven of the proposed entitlements, and responses were provided by institutional representatives present in the audience and by Senior Vice President Donald Smith. Action on these proposals is scheduled to be taken at the December meeting. The discussion which followed will be found in the full minutes on file in each campus library.

10. Regent Lawton stated that UW-Madison Chancellor Shain informed the committee of the appointment of Bernard W. Nelson as Acting Dean, UW-Madison, Medical School.

D. REPORT OF THE BUSINESS AND FINANCE COMMITTEE

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

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

Resolution 1557: 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.

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

Resolution 1558: That, upon recommendation of the President of the University of Wisconsin System, the 1978 Summer Session Instruction Fee/Tuition Schedule and the Segregated Fee Schedule be approved. (EXHIBIT F, attached)

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3. Regent Grover reported that President Young provided an informational status report to the members of the committee on the previous day on the 1978 Annual Review, using as the basis for his discussion his November 1, 1977, letter on the subject. (Attached as EXHIBIT G)

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4. Regent Grover reported that the following informational reports were provided to the committee by Vice President and Controller Lorenz:

- (1) Report of Auxiliary Operations for 1976-77
- (2) Report of 1977-78 General Operations Projections
- (3) Report of Unrestricted Extramural Support

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5. Regent Grover reported that the committee received signed petitions and a letter relating to System investments in South Africa.

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E. REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

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

1. Regent Gerrard reported that there had been a presentation to the committee on the previous day regarding the UW System roof repair needs, and there was considerable discussion of the problem. He reported that the committee requested that both the Bureau of Facilities Management and the UW System staff take further action through the use of special consultants to determine if the responsibility could be determined for the roof failures at the three buildings at Green Bay and the Fine Arts Building at Superior and report back to the committee as soon as possible. The discussion which followed will be found in the full minutes on file in each campus library.

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2. Regent Gerrard moved adoption of the following resolution, and the motion was seconded by Regent Lawton:

Resolution 1559: That, upon the recommendation of the UW-Madison Arboretum Committee, the UW-Madison Chancellor, and the President of the University of Wisconsin System, authorization be

(Continued)

granted to sell one 0.47 acre parcel of land located in the Town of Madison for \$32,200 and that the President or Vice President and Secretary or Assistant Secretary be authorized to sign the appropriate documents. Proceeds from the sale of the property are to be deposited in the UW-Madison Arboretum Trust Account.

This parcel is described as follows:

A triangular shaped parcel fronting on the Beltline Frontage Road containing 0.47 acres on a frontage of 219 feet along the north side of the Beltline, part of the NE 1/4, SW 1/4, Sec. 34, T7N, R9E

Regent DeBardeleben requested that a report on the implementation of the long-range plan adopted in 1974 relative to the Arboretum be furnished to the members of the Board.

The question was put on Resolution 1559, and it was voted.

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

Resolution 1560: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to lease the following new space and amend an existing lease of the following property:

- (1) 9,500 square feet of space located at 901 Watson Avenue (Wolff Kubly Warehouse), Madison, Wisconsin for the period December 1, 1977 to November 30, 1980

Mr. David Heilman, Lessor
Industrial Investment Corporation
6402 Odana Road
Madison, Wisconsin

This space will be used for UW-Madison Food Service Storage

- (2) An additional 380 square feet of space located at 905 University Avenue for the period November 1, 1977 to June 30, 1978

The University of Wisconsin Foundation, Lessor
702 Langdon Street
Madison, Wisconsin 53706

(Continued)

The 1,948 square feet of space presently leased is used by the UW-Madison Department of Agricultural Economics (College of Agriculture) to house a 5-year national research grant to examine the organization and control of the United States' food. This amendment to the lease for 380 additional square feet is to provide needed office space. The additional monthly rental of \$174.17 will be added to the current rental payment for a total of \$1,067.46.

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

Resolution 1561: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the concept and budget report for 1975-77 McArdle Cancer Laboratory Improvements project be approved, an additional \$26,000 of State Building Trust Funds be requested to complete final plans and specifications, and authority be granted to bid and construct the project at a total cost of \$506,700.

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

Resolution 1562: That, upon the recommendation of the UW-Madison and Oshkosh Chancellors and the President of the University of Wisconsin System, authority be granted to plan, bid and construct the following minor projects, at the cost and from the funding sources indicated:

UW-Madison

Cole and Sullivan Dormitories Roof Replacement Project, at a cost of \$67,800 from Program Revenues

UW-Oshkosh

Parking Area Project, north of the Kolf building, at a cost of \$68,000 from Program Revenues

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

Resolution 1563: That, upon the recommendation of the UW-Oshkosh Chancellor and the President of the University of Wisconsin System, authority be granted to forward to the City of Oshkosh, Wisconsin, a

(Continued)

letter of intent containing the following information, in order the the City may know that the University of Wisconsin System will grant an easement to the City for the purpose of extending Warren Road to Osceola Street. Such easement will be required to allow City of Oshkosh development of an alternative vehicular traffic carrier if the City agrees to a UW System request to vacate Pearl Avenue from Rockwell Avenue to Wisconsin Street, Upon said vacation of Pearl Street, the President or Vice President and Secretary or Assistant Secretary of the Board are authorized to execute the necessary instruments.

It is the intent of the University of Wisconsin System to grant an easement to the City of Oshkosh for the purpose of providing and developing an extension of Warren Road from Rockwell Avenue to the intersection of Warren Road and Osceola Street, informally described as follows:

A strip of land 50' wide commencing at the intersection of Warren Road and Osceola Street, thence north and westerly abutting the east side of the railroad right of way to its intersection with the existing Pearl Avenue at the railroad crossing approximately 200' south of the Rockwell Avenue right-of-way. Also a strip of land 25' wide abutting the northwest right-of-way line of Pearl Avenue approximately 175' in length from the Pearl Street railroad crossing to Rockwell Avenue.

This easement will provide access for vehicles presently served by portions of Pearl and Blackhawk Streets to be vacated by the City.

A more accurate description of these strips of land is to be provided in a registered-land-surveyor-prepared legal description included in the easement to be granted.

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

Resolution 1564: That, upon the recommendation of the UW-Stevens Point Chancellor and the President of the University of Wisconsin System, the structure presently known as the Communication Building be named The Communication Arts Center.

8. Regent Gerrard stated that he reported to the committee that he had visited the UW-River Falls campus on September 6, 1977, and toured the South Hall facility. He stated that it was his opinion that the existing Regent action to continue the use of South Hall to serve temporary office and classroom needs and then be razed should be sustained.

9. Regent Gerrard stated that the committee received the report on UW System energy consumption for 1976-77. The System reduced its level of energy consumption in its central heating and chilling plants by 6.6% from 1975-76 and 12.3% since 1972-73, and the level of consumption of electrical power per gross square foot was reduced 1.5% from 1975-76, and 8.6% from 1972-73.

Regent Gerrard stated that the committee was alerted that several major items will be included in the December agenda of the committee, including the 1978 annual budget review session projects and the 1979-81 capital budget policy paper.

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

Resolution 1565: That, upon the recommendation of the UW-La Crosse and UW-Parkside Chancellors and the President of the University of Wisconsin System, authority be granted to plan, bid and construct the following minor projects, at the cost and from the funding sources indicated:

UW-La Crosse

Nine Building Masonry Repairs Project, at a cost of \$81,600 from State Building Trust Funds/1977-79 Minor Projects Funds

UW-Parkside

Miscellaneous Energy Conservation Improvements Project, at a cost of \$18,500 from State Building Trust Funds/Energy Conservation Allocation

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F. UNFINISHED AND MISCELLANEOUS BUSINESS

Regent Erdman moved adoption of the following resolution, and the motion was properly seconded:

Resolution 1566: That the Board recess into closed session to consider personnel matters as permitted by Section 19.85(1)(c) of the Wisconsin Statutes.

The resolution was voted on a roll call vote, with Regents Barkla, Beckwith, DeBardleben, Erdman, Fish, Fitzgerald, Gerrard, Grover, Hales, Johnson, Lawton, McNamara, Neshek, Thompson and Walter voting "Aye" (15), and with Regent Lavine absent.

The meeting recessed into closed session at 11:00 A.M.

The meeting resumed in open session at 11:14 A.M., and President Hales announced adoption of the following resolution:

Resolution 1567: That, upon recommendation of the President of the UW System and the Chancellor of UW-Madison, Len Van Ess, who is currently Associate Vice Chancellor, UW-Madison, be promoted to the position of Vice Chancellor for Administration, UW-Madison, effective immediately, at an annual rate of \$42,000.

The meeting adjourned at 11:15 A.M.

J. S. Holt, Secretary

11-17-77