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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, September 7, 1979
9:02 A.M.

President Grover presiding

PRESENT: Regents Barkla, Beckwith, DeBardeleben, Elliott, Erdman,
Fitzgerald, Fox, Gerrard, Grover, Lawton, McNamara, Majerus,
O'Harrow, Thompson and Veneman

ABSENT: Regent Walter

The Secretary requested that the minutes of the July 13, 1979, meeting be corrected to substitute the word "section" for the word "action" in line 7 from the bottom of the first page of the July 13, 1979, minutes.

Upon motion made by Regent Fitzgerald, seconded by Regent Fox, it was VOTED, That the minutes of the regular meeting of the Board of Regents of the University of Wisconsin System held on July 13, 1979, be approved as amended above.

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REPORT OF THE PRESIDENT OF THE BOARD

President Grover stated that the Legislative Joint Committee for Review of Administrative Rules had suggested that rules be adopted to provide a level of consistency while allowing autonomy in the development of institutional procedures for administration of the nonresident tuition law. The proposed rules are attached as EXHIBIT A. At the request of Regent DeBardeleben the words "of notice of hearing" were inserted in the proposed resolution after the word "Register".

Regent Beckwith inquired if there should not be a minimum as well as a maximum time in Section 20.01(d)1., as he would not want a campus to set a minimum limit of one day for filing notice of appeal. Senior Vice President Smith stated that it is the intention that this shall be the maximum requirement and that appeal can be filed anytime within fourteen days with no minimum stated. Regent DeBardeleben stated he felt it was intended that Section 20.01 deal solely with procedures and not at all with substance and Section 20.03 is purely substantive; otherwise they contradict each other because in Section 20.01 you say that each institution shall have autonomy and set up its own rules, and in Section 20.03 you say that each institution is bound by the determination of every other institution. He noted that sometimes procedures can get to be pretty close to being substantive. He continued that he could not see in the area of determination of residency why we have to have diversity in the System, and could not see why we should not have uniformity. He inquired if a

determination made that a person was turned down on an application for determination of residency because of alleged failure to comply with some procedural requirements would be binding on another institution. Senior Vice President Smith agreed that Section 20.01 is procedural and allows a sort of minimal latitude for institutional differences, including the designation of authorized personnel. He stated one of the problems that we get into in writing a single procedural rule is we inadvertently rename a whole set up of committees that are perfectly adequate and have been designated to handle these functions, but may have different titles, etc., and you get into an enormous amount of paper work which doesn't have any consequence. He stated that if a student has been granted or denied on nonprocedural grounds at one institution, then another institution could not make a different determination. If a student has been treated as a resident once, another institution cannot reclassify him or her as a non-resident.

Regent DeBardleben stated the very general language leaves open the possibility of a difficulty which some may say is procedural while others might say is substantive and that he did not believe there was a good case for not having uniformity throughout the System so far as establishment of eligibility as far as resident tuition is concerned. Senior Vice President Smith stated the criteria for residency are statutory and therefore apply to all institutions. He stated that in light of this discussion, we will have all of the attorneys in the System alerted to come and discuss their views prior to the November hearing date. Regent DeBardleben inquired if changes in the proposed rules are found to be advisable, if we could continue on the basis of the present notice or would we have to give notice again. Senior Vice President Smith stated that it was his understanding that you can re-write any passage in November because there is a required notice period now for anyone affected by this proposed order to make objections or recommendations for changes and those can be acted upon by the Board at that hearing.

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

Resolution 1966: That the Secretary of the Board be directed to file a notice of hearing with the Revisor of Statutes for inclusion in the next Wisconsin Administrative Register of notice of hearing to consider the adoption of Chapter UWS 20, Wisconsin Administrative Code, covering nonresident tuition determination procedures and appeals pursuant to Sec. 36.27(2, Wis. Stats., said hearing to be held in Room 1820, Van Hise Hall, 1220 Linden Drive, in the City of Madison, Wisconsin, on the 8th day of November, 1979, at 1:00 P.M. (EXHIBIT A, attached)

President Grover called upon Regent Beckwith for the report of the Higher Educational Aids Board meeting held on July 27, 1979. Regent Beckwith referred to the report of the meeting, attached as EXHIBIT B, and offered to respond to any inquiries. The report was ordered placed on file.

President Grover referred to the report of the July 24, 1979, meeting of the Wisconsin Board of Vocational, Technical and Adult Education, attached as EXHIBIT C.

Regent Erdman inquired if in light of the problems of the City of Madison on the proposed building of a new Vocational School, if adequate cooperation has existed and continues to exist between the University and the MATC. Regent Elliott respond that he could not speak for the local Board, but his best information is that this is true. Chancellor Shain, UW-Madison, said that at the administrative level we are in communication on all kinds of programs and our relationship and cooperation are cordial. He stated that in all areas where there is duplication between the two Systems, it is appropriate duplication, such as entry courses that are over-subscribed at UW-Madison. The report was ordered placed on file.

President Grover called upon Regent DeBardeleben for a report on his appearance before the Joint Finance Committee in opposition to the Collective Bargaining bill, Senate Bill 121, on behalf of the Board of Regents. Regent DeBardeleben stated that he appeared at the direction of the President of the Board and spoke to the Joint Finance Committee in opposition to Senate Bill 121 on behalf of the Board of Regents. He stated that also speaking at that time were Regent Emeritus John Lavine, Regent Vice President Joyce Erdman, and Regent Mary Walter, all in opposition. He said the significant thing about the hearing was the new issue that surfaced at the suggestion of certain members of the Joint Finance Committee, particularly the two co-chairmen, Senator Gerald Kleczka and Assemblyman Gary Johnson, as to the policy question of whether the Board of Regents should not be replaced as management bargaining agent if collective bargaining for higher education becomes law in Wisconsin. He stated the Board of Regents had taken a position on this matter because the model bill that the Board approved if collective bargaining went into effect, not advocating collective bargaining, but as something that should be done if the state decided it was going to have collective bargaining, specifically provided that the Board of Regents act as a management bargaining agent for the University of Wisconsin System. He said he felt it was within the instructions of President Grover that he speak in opposition to that concept and he did. He noted the question is a fundamental one, and one of great importance to the State of Wisconsin and the University of Wisconsin System. He continued that he opposed this suggestion made by the co-chairmen of the Joint Finance Committee on the basis that it would violate the principle of insulation of public higher education from political influences. He stated the two co-chairmen said that the Board should not act as bargaining agent because the Board would sell the shop--the Board would be too friendly with the people with whom they were bargaining. He said he attempted to point out the difference in the role of the Board as it is now, and the role of the Board as it would be if the Board were bargaining. We are now acting as people who conduct analysis and advocacy, whereas then we would be acting within parameters laid down by government and would be seeking commitment on something within those guidelines.

Regent DeBardeleben referred to the book entitled "Handbook of Collective Bargaining", by George Angell and George Kelly, Jr., two very highly qualified experts in this area, and quoted the following selected passages from pages 47, 48, and 49 of the above referenced book:

"There is considerable evidence that governors and legislators are using collective bargaining to gain control not only of university budgets but of university personnel policy and faculty supervision as well. There apparently has never been any question about the rights of legislators and governors to determine the level of funding for public education. But the American people

have historically expressed serious doubts about political control of faculty appointments, promotions, work assignments, and other conditions that affect the character and purpose of higher education. For example, many states have established state universities as a fourth branch of government with constitutional powers."

"In New York the faculty of the State University no longer officially discusses with trustees and administrators broad policies regarding such matters as salary increases, hours, teaching loads, appointment procedures, tenure policies, leaves of absence, holidays, promotion procedures, and teacher evaluation, except as a matter of interpreting a contract negotiated between faculty representatives and the governor's office. In addition, the governor's office reviews grievances between the faculty and administration. What happened to university self-governance? What happened to the fundamental concept of academic freedom from political interference? The same type of intervention is occurring in New Jersey, Pennsylvania, Minnesota, and other states where the state insists that it is the employer; it negotiates directly with faculty, leaving trustees and administrators a minor role, if any, in the determination of the conditions of faculty employment. What kinds of professional leaders are willing to be middle management deans and presidents, acting as branch managers for state politicians? Why should faculty members respect deans and campus presidents when they can 'go over their heads' in both negotiations and grievances? Why should trustees and presidents abdicate the authority delegated to them by education law simply because no one realized that a collective bargaining law could jeopardize their authority?"

"University spokespersons generally insist that faculty bargaining with the governor's office produces such debilitating effects as (1) the faculty union bypasses the trustees and administration thereby disrupting normal campus processes of cooperative self-government; (2) political officials bargain teaching loads, hours, calendars . . ." --this is in summary from portions;-- "(3) faculty can disregard the needs of students, alumni and administrators when they bargain outside the university; (4) grievances regarding internal campus decisions are adjudicated outside the control of the university; (5) the authority of trustees as stated in the state constitution or in education law is eroded without a corresponding change in responsibility; and (6) neither the state officials nor the faculty unions who bargain the contracts can be held responsible for the successful operation of the university."

Regent DeBardleben stated that it appeared to him that if the change as has been proposed by Co-Chairmen Kleczka and Johnson comes into being, the Board of Regents thereby becomes a ceremonial body. He said he did not feel it is in the interest of the State of Wisconsin and it certainly isn't in the interest of public higher education in Wisconsin and violates over one hundred years of tradition in this state.

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

Resolution 1967: That, if Senate Bill 121 is enacted into law, the Board of Regents of the University of Wisconsin System urges that it provide for naming the Board, or a bargaining instrumentality to be created by the Board, working in cooperation with the Department of Employment Relations (DER) as management bargaining agent for UW-System so as to preserve the wise tradition of insulating the educational process from external influences which could impinge upon academic independence and freedom.

In response to Regent Beckwith's question, Regent DeBardleben stated it was his understanding the proposal of Messrs. Johnson and Kleczka with respect to the scope of bargaining was wide open and without limitation and that if any such limitation were initially proposed, the history of collective bargaining shows that it would pass out of existence very rapidly. Regent DeBardleben stated that Mr. Muzik, and Professor Johnston, speaking for TAUWF, seemed to be a bit ambivalent about the matter, stating they would have to go back to their membership for a response. Senior Vice President Smith stated the bill drafted by TAUWF grew out of support of the designation of the Board of Regents as the bargaining agent so he did not feel there is any lack of clarity about TAUWF's position. He said the only lack of clarity is whether or not if this change is made, TAUWF would oppose passage of the bill. Regent Beckwith stated that he would be interested in knowing whether TAUWF would give away the Board of Regents to get collective bargaining. In response to Regent Majerus' inquiry as to when the Board went on record in opposition to Senate Bill 121, Regent DeBardleben stated the Board went on record in 1977, virtually unanimously in opposition to the concept of collective bargaining for public higher education. At that time the Board said, in effect, that if, notwithstanding our opposition, the Legislature decides to opt for collective bargaining, then this is the model bill we think should be adopted. That policy decision made by the Board has not been changed since that time.

The question was put on Resolution 1967, and it was voted unanimously.

President Grover suggested that the above resolution be sent to the members of the Joint Finance Committee and the other members of the Legislature.

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REPORT OF THE PRESIDENT OF THE SYSTEM

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

Resolution 1968: 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, attached)

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President Young introduced Chancellors attending their first Board meeting, Chancellor Noel Richards of La Crosse, and Chancellor Philip Marshall of Stevens Point.

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President Young referred to the UW System list of legislatively-mandated studies specified in the 1979-81 budget act (EXHIBIT E attached). President Young stated these reports will keep the staff very busy and in many instances we will have to involve the Board or committees of the Board for advice and support. He stated that like almost everything else they will be coordinated through Senior Vice President Smith's Office. With respect to the report dealing with enrollment decline, President Young noted that people keep talking about the decline in enrollment and problems arising therefrom, but he said he has a preliminary statement on enrollment this Fall and compared with last year we are up by almost 2,000 students, and we expect to have close to 150,000, which will be

another all-time record for the System. He noted we do not at present know what is happening on the FTE, but there seems some likelihood that the FTEs will go up in about the same proportion or a little more than the headcount proportion. He said nine of the campuses and the Center System had increases over last year with Madison having 529, LaCrosse 379, Whitewater with 323, and the Center System with 241 additional students. He stated we are urging the institutions to get us as quick as possible the fulltime equivalent for a more meaningful statistic, noting that our budget depends on the fulltime equivalent and the mix of students and the level of students.

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REPORT OF THE SECRETARY

The Secretary reminded the members of the Board that the October meeting will be held at UW-Stout and that the Regents should make their travel arrangements in advance. The UW-Stout Chancellor will be furnishing members of the Board with hotel reservation information, etc.

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REPORT OF THE EXECUTIVE COMMITTEE

President Grover reported that the Executive Committee met on August 22, 1979, in Room 1720, Van Hise Hall, Madison, Wisconsin, and approved the following resolutions:

Resolution 1964: That, upon the recommendation of the UW-Stevens Point Acting Chancellor and the President of the University of Wisconsin System, authority be granted to acquire the following property, at the cost and from the funding source indicated:

E. 10 acres of NW $\frac{1}{2}$ -NW $\frac{1}{2}$, Section 28, Town of Hull, Portage County, Wisconsin, \$112,500 from LAWCON Funds-Non-GPR and Land Acquisition Funds-GPR

Resolution 1965: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to award bids for the 1975-77 Bacteriology Remodeling and Addition/Electrical Substation Project, increased by \$54,000 to a revised total project cost of \$2,395,200 from General Purpose Revenue General Obligation Bonding.

Regent McNamara moved adoption of the following resolution, the motion was seconded by Regent Fitzgerald, with Regent DeBardeleben voting "No":

That Resolutions 1964 and 1965 approved by the Executive Committee on August 22, 1979, be ratified and confirmed.

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REPORT OF THE EDUCATION COMMITTEE

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

Regent Lawton reported that Senior Vice President Donald Smith reviewed the July recommendation of the Education Committee that there be a discussion of the general considerations affecting the development of policies and procedures on credit for prior service in appointments to probationary faculty positions,

prior to consideration of proposed UW-Whitewater and UW-Milwaukee policies and procedures. Regent Lawton reported that Senior Vice President Smith stated that the prior service credit policy intended by UWS Rules is a straightforward concept which does not present problems other than seeing to it that institutional policies and procedures are not ambiguous. Other points mentioned by Vice President Smith were:

- (1) The practice of granting credit for prior service is not universal, but has been most common in traditional four-year universities.
- (2) When prior service credit is granted, it is usually limited to 3 years, leaving 3-4 years for evaluating the individual prior to making the mandatory tenure decision.
- (3) That each decision should be specific to the particular case, i.e., there should be no automatic formula-based credit for prior service.
- (4) That tenure can be awarded at any time during the probationary period; so granting of credit for prior service does not necessarily speed up this decision. The sole consequence of granting credit for prior service is that it does shorten, by a stipulated number of years, the time period in which the decision to award tenure, or nonrenew, must be made.

Regent Lawton reported representatives from UW-Whitewater and UW-Milwaukee indicated that their previously proposed policies and procedures will be withdrawn and will be replaced by new proposals which will be brought for Regent consideration.

Regent Lawton noted that in the Committee meeting on the previous day Vice President Smith noted that it is appropriate that the Regents enter directly into the review of mission statements in view of their direct responsibility for the development of mission statements in 1973. It is not anticipated that in preparing its report the Board would undertake the re-writing of the missions of any of the institutions, and it is assumed that any Regent inquiry into mission modification would proceed with full opportunity for institutional and community testimony prior to the final Regent action. Regent Lawton stated it is expected that the Education Committee review will entail two or three full-day meetings. Staff support and relevant information will be furnished the committee by the President of the UW System.

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

Resolution 1969:

That, pursuant to the legislative charge in Section 2054 (4) (a) 1. of the biennial budget bill, the Education Committee of the Board of Regents shall undertake promptly a review of the mission statements of the Universities and Center System, examined in light of current enrollment projections for these institutions through the year 1995, fiscal projections, current and estimated staffing requirements for the instructional mission, and consideration as may be appropriate of the System mission of providing access to quality higher educational opportunity for Wisconsin citizens seeking and able to benefit from such opportunity.

All Regents shall be invited to participate in any special meetings of the Education Committee as may be called in implementing the purpose of this resolution.

(Continued)

The Education Committee shall report to the Board in November its recommendations on (a) confirmation of such institutional missions as it deems currently appropriate in the context of the System's four-year planning and longer-range planning for the 1980's and 1990's as these conditions can now be estimated; and (b) procedures for further examination and possible modification of missions for any institutions which may be indicated as a result of this review or as a result of the charge to the Board stipulated in Section 2054 (4) (b).

The President of the UW System will provide appropriate staff support for the review. Section 2054 (4), Chapter 34, Laws of 1979, is attached, and includes the paragraphs referenced in this resolution. (EXHIBIT F)

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

Resolution 1970: That, upon recommendation of the President of the UW System, the Chancellor of UW-Madison, and the Chancellor of UW-Extension, the Board of Regents assigns direct administrative responsibility for the Pharmacy Internship Program to the School of Pharmacy, UW-Madison.

It is the intent of this placement that the Dean of the School of Pharmacy assumes responsibility for maintaining effective relationships with the State Pharmacy Internship Board and for continued effective coordination of the Internship Program jointly with Extension Services in Pharmacy, as well as other educational and service programs linked to the school. The program shall be administered in the spirit of the current high level of integration achieved between the missions of the School of Pharmacy and the pharmacy program in UW-Extension, and the steady maintenance and further development of such integration sought by both units.

Regent Lawton stated that the policy presently in effect for Residence Halls Visitation, adopted October 24, 1975, for a three-year trial period has been recommended for renewal by all of the institutions having University-operated Residence Halls and by the President of the United Residence Hall Association and the United Council of Student Governments. He stated Tim Fleming, United Council President stated that he would favor a policy which would ensure an open visitation opportunity to those desiring it, even though the majority of the students do not favor it. He was supported in this view by Regent DeBardeleben.

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

Resolution 1971: That, upon recommendation of the President of the UW System, (**Policy-Revised**) the institutional representatives involved in housing and student affairs, the President of United Residence Hall Association, and the President of United Council, the following resolution be approved:

Resolved, that the Regents' Policy on Residence Hall Visitation, adopted October 24, 1975 and placed in effect no later than the beginning of the first semester, 1976-77, for a three-year trial period, be adopted as permanent Regents' policy, with the exception of point 8. which shall be dropped. (EXHIBIT G, attached)

Regent Erdman inquired if it had cost more to administer, have there been thefts, and are there difficulties with unauthorized entries, etc. Chancellor Penson responded that he did not believe it is more costly except for the minor cost of adding a desk at the front door. As far as thefts were concerned, he said he would suspect the amount of thefts has actually decreased due to open visitation because there are a lot of people in the rooms during open periods and this has a tendency to reduce thefts. He said there is some problem that does come about in terms of unauthorized people wandering around, but the students that man the desk have become rather sophisticated in determining who belongs and who doesn't. He said that even if there were an increased cost, it would be very much worth it as there is an education involved in living in residence halls.

The question was put on Resolution 1971, and it was voted:

Regent Lawton stated that the purpose of the next resolution is to effect a technical amendment to make ACPS #3.3 consistent with Wisconsin Statute 36.11(17), as amended in the 1978 Annual Review Bill.

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

Resolution 1972: That upon recommendation of the President of the UW System, (Policy-Revised) Section E.2.(b) of Academic Planning Statement #3.3 (ACPS #3.3) be changed to read as follows:

- (b) certification by the chancellor or a designee that the eligibility requirements, compensation arrangements and related conditions of the appointment, and the guidelines for sabbatical award selection, as outlined in Sections B, C, D, and E of this document, have been observed in the determination and granting of the awards.

Regent Lawton reported that the Committee received for a first reading the following seven requests for authorizations to plan and implement new academic programs:

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|------------------|-------------------------------------|
| 1) UW Eau Claire | BBA Management Information Systems |
| 2) UW Green Bay | BA/BS Environmental Planning |
| 3) UW Madison | MA Afro-American Studies |
| | PhD Hebrew and Semitic Studies |
| 4) UW Milwaukee | BS Allied Health |
| | MS Computer Science |
| 5) UW Whitewater | BS Public Policy and Administration |

Regent Lawton stated questions seeking clarification regarding program content, need and anticipated student clientele were responded to by representatives of the institutions involved. Regent Beckwith inquired as to the difference between a baccalaureate in public administration and a baccalaureate degree in public policy administration. Vice Pres. Smith responded that the basis of the degree is interdisciplinary and it does not effect the establishment of a school or department per se of public administration. He said it does build very heavily upon the present course offerings and contributions to

business that exist at Whitewater, plus the Social Science Department; so the title really reflects the interdisciplinary structure of the curriculum created for the program. Regent Beckwith stated that may be the intent, but the title reflects the need, and he felt it might mean to a lot of people that one can get a baccalaureate degree in determining public policy. He said that he assumed that a person with a degree is qualified to administer public policy, but other things are required to make the policy.

Regent Lawton reported that Senior Vice President Smith made reports as follows:

The review of student disciplinary guidelines implementation plans for the institutions of the System is nearly completed. The guidelines from UW-Platteville and UW-Superior were approved August 31, and when the UW-Stevens Point plan is in final form and approved, all the student disciplinary guideline implementation plans for the System will be in place.

Dr. Smith announced the appointment of Dr. Elmer Sundby, currently an administrator on the UW-Eau Claire staff, as the new Executive Director (on a part-time basis) of the System Undergraduate Teaching Improvement Council.

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

Resolution 1973: That, upon recommendation of the President of the UW System and the Chancellor of the University of Wisconsin-Milwaukee, the appointment of Ernest Spaight to the Leon Howard Sullivan Professorship in Manpower and Community Development, School of Social Welfare, UW-Milwaukee, be approved.

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

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

Regent Fox stated the report of unclassified salary adjustments relating to the 1979-80 budget was reviewed for the Committee by Associate Vice President Gene Arnn who indicated this was the second part of the review by the Regents of personnel actions, the first being a listing of promotions and tenure designations in May. He stated the schedules contained within the report reflect the substantial attitude in state and system policies as to the manner in which the institutions could implement the mix between the across-the-board and discretionary portion of 9% salary adjustments. The report reflects a fairly broad spread from high to low in percentage adjustments at institutions granted within the latitude they were given.

Regent Fox reported that the total receipts for Gifts, Grants, and U.S. Government Contracts to date are slightly less than \$80 million compared to \$65 million one year ago. The reported increase of \$12.5 million in student aids reflects a more expeditious flow of federal paper work and not an actual increase of 60%; however by year end receipts may be six to seven

million dollars ahead of last year. Regent DeBardeleben stated that he continued to be disturbed at what he considered to be the inexcusably poor showing that we are making in the unrestricted gifts, noting that there is none reported in this report, and only \$500 so far this year compared with \$1,550 last year. He said he was concerned about what efforts are being made to get unrestricted money, noting that in the 1960s there was substantial effort, and it was fairly successful and he felt it could be successful again. President Young stated that most of the unrestricted gifts made by individuals and alumni go to the UW Foundation, which in turn gives them to us for such things as professorships, etc. He stated that some of the funds result from agreements between the Foundation and individuals, with the person giving the money taking a life income, and at the completion of the agreement, the funds come to the University for specific purposes.

President Young stated that during the past year at Madison, the total giving to the Foundation was about \$7 million in the annual drive. He stated the unrestricted portion was probably not more than a million dollars or so, but the choices we suggest people can give for, such as professorships, scholarships, and building programs, are things that we want. Regent DeBardeleben inquired if merger had the effect of inhibiting unrestricted giving to the System--if there are people who want to make unrestricted gifts to Madison, they would give it to the Foundation rather than to the System because of the fear that it would not be used unrestricted at Madison or Eau Claire--does it have that effect? President Young responded that if somebody came to him and said, "I would like to give \$100,000 for Madison or Eau Claire, should I give it to the Regents or should I give it to the Foundation?" I would say, "Give it to the Foundation".

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

Resolution 1974: 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 Fox reported that the late Janette Ricker Gaus, the widow of the late Professor John M. Gaus, a distinguished member of the UW-Madison Department of Political Science, bequeathed \$1,000 to the University of Wisconsin-Madison. The Madison Chancellor has recommended that the bequest be assigned to the Department of Political Science for use upon the recommendation of the Department Chairman and the Dean of the College of Letters and Science.

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

Resolution 1975: That the bequest of the late Janette Ricker Gaus, Prospect, New York, to the University of Wisconsin be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the Last Will and Testament of Janette Ricker Gaus, Deceased; and that the Secretary or Assistant Secretary be authorized to sign a receipt on behalf of the Board of Regents of the University of Wisconsin System for this bequest, and to do all things necessary to effect the transfer of this bequest to the University of Wisconsin-Madison.

Regent Fox reported that the late Alex R. Schoonover bequeathed \$2,000 to the UW-Madison Building Fund. Upon the recommendation of the UW-Madison Chancellor a trust fund will be established, known as the UW-Madison Building Fund, with principal and income to be available for capital purchases and improvements, as needs are identified by the Chancellor.

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

Resolution 1976: That the bequest of the late Alex R. Schoonover, Marengo, Illinois, to the University of Wisconsin be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the Last Will and Testament of Alex R. Schoonover, Deceased; and that the Secretary or Assistant Secretary be authorized to sign a receipt on behalf of the Board of Regents of the University of Wisconsin System for this bequest, and to do all things necessary to effect the transfer of this bequest to the University of Wisconsin-Madison.

Regent Fox stated the current depository authorization for Capital Marine Bank for the deposit of Master Charge and Visa Credit Card transactions processed by its bookstore and Student Union operations expires at the end of this month. Bids were solicited from twelve Milwaukee area banks, with two responding.

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

Resolution 1977:

That, upon recommendation of the Chancellor of UW-Milwaukee and the Vice President and Controller, University of Wisconsin System, Board of Regent Resolution 1338, dated October 18, 1976, be rescinded, and

That the Continental Bank & Trust Company, 735 West Wisconsin Avenue, Milwaukee, Wisconsin, qualified as a public depository under Chapter 34 of the Wisconsin Statutes, shall be and is hereby designated, effective September 7, 1979 until further action, a public depository for certain moneys coming into the hands of employees of the Board of Regents of the University of Wisconsin System for deposit to the appropriate account, and

That withdrawal or disbursement from said depository shall be only by check, as provided in Section 66.042(6) of the Wisconsin Statutes, and that all checks be signed by one of the persons certified by the Secretary of the Board of Regents of the University of Wisconsin System as having been authorized by the Vice President and Controller to make deposits to or sign checks drawn on the University of Wisconsin-Milwaukee account held by the above bank.

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Regent Fox reported that at his request, a listing of fourteen concepts and University policies and procedures was developed by Vice President Lorenz to serve as possible discussion items for the Committee throughout the year. The first of these topics was presented at the meeting by Associate Vice President Gene Arnn and Assistant Vice President Glenn Jensen, who discussed details of the System's fee-setting methodology. He stated that a period of time will be reserved for a separate topic at future meetings and opportunity provided for questions and discussion between members of the Board and staff. All members of the Board are invited to enter into the discussion. He reported that a special meeting has been tentatively set for Tuesday, September 25, to consider establishment of a series of goals and objectives for 1979-80, one of which will involve completion of a special assignment relating to the academic fee policy of the System.

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Regent Fox stated that the monthly report of the Vice President and Controller relating to year-end balances was distributed, reflecting the final fiscal year status. A carry-forward balance of \$1,252,957 is reflected, which is slightly higher than anticipated but less than the \$1.5 million which is desired as an offset to possible revenue shortfalls.

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REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

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

Regent Gerrard stated the next resolution requests authority to purchase a parcel of land at UW-LaCrosse, representing a continuation of the acquisition in the two-block area as authorized by the Regents and the State Building Commission.

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

Resolution 1978: That, upon the recommendation of the UW-La Crosse Chancellor and the President of the University of Wisconsin System, authority be granted to acquire the following property, at the cost and from the funding sources indicated:

621 East Avenue North, La Crosse, also known as Boyd's Subdivision, Block 8 of Ustick's Addition, Lot 15, Block 1, William Jung's Subdivision of Lots 1-5 of Boyd's Subdivision, Block 8 of Ustick's Addition, South 6 feet of Lot 4, City of La Crosse, at a cost of \$40,500, State Building Trust Funds-GPR

At the request of Regent DeBardeleben, the following words were added at the end of the resolution: "at a cost of \$40,500, State Building Trust Funds-GPR." Regent Gerrard stated that we have already approved purchase of property in these two blocks, and the State Building Commission has already approved the principle. Regent DeBardeleben said that is exactly the point he made last time--we approve some of these things in principle, then when the time comes to pay some exorbitant price for them, we are told we really don't have any discretion, that we have already approved it. He said he voted against it then and was going to vote against it now. Regent Gerrard stated that we are only buying these parcels when the owners come to us looking for a buyer.

The question was put on Resolution 1978, and it was voted, with Regent DeBardeleben voting "No".

Regent Gerrard reported there was extensive discussion by the Committee relating to the value assessed to the 12.6 acre parcel for the UW-Madison Arboretum. It was the conclusion of the Committee that additional negotiation and review of the appraisals should take place prior to approving the action to acquire at the estimated cost of \$124,000. He said he felt that it is difficult to justify \$10,000 per acre for land that appears to be unusable for development purposes, but there is agreement that this parcel should be added to the land holdings of the UW-Madison Arboretum.

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

Resolution 1979: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, approval be granted to the concept of acquiring a 12.6 acre parcel of land in the City of Madison, adjacent to, and separating existing holdings of, the UW-Madison Arboretum, with the cost to be supported by approximately one quarter from State Building Trust Funds-GPR, one-quarter from Arboretum Funds-Non-GPR, and one-half from federal LAWCON funds-Non-GPR, with the actual purchase price to be negotiated, subject to the approval of the Executive Committee of the Board of Regents.

In response to Regent Fox's question, Chancellor Shain stated that the purpose of the Arboretum is primarily a research and instructional facility. However, it is located in an urban area and automatically exposed to the public and also used rather extensively for recreation by the City of Madison. He stated the Directors of the Arboretum have been reasonably successful in separating research from the recreational portion. They work together to develop cross-country ski trails in such a way that research projects in the Arboretum would not be damaged as long as people stay on the trails. Volunteers have been recruited to actually patrol the Arboretum during the winter to make sure people stay on the designated trails, thereby protecting research and instructional areas. Chancellor Shain said at the moment the biggest conflict is not between research and recreational functions of the Arboretum, but on the use of the roads, which is one of the major thoroughfares in that part of the city. He said we are wrestling with a very difficult problem to provide access to the Arboretum and at the same time provide for the bike riders, joggers, and people who just want to come in and look at the flowers. He said closure of the road is proposed for next summer, but we have not yet decided to accept that recommendation. He said the use of the land for park purposes is strictly secondary to research and instructional uses of the property.

Regent Beckwith inquired as to the reasons for action by the Executive Committee rather than the full Board. Regent Gerrard responded that the option of the property expires at the end of the month, prior to the next Board meeting. He stated the Committee had one appraisal yesterday and the other became available today. He said that he wanted to physically walk the property under consideration and also walk all the comparable properties. Then he intended to have a visit with the two appraisers and perhaps hire a third appraiser because he wanted to make certain we are getting value for our money. He stated that it was hoped the option could be extended, but if not, it would be necessary to go to the Executive Committee for consideration of the price to be paid. Regent DeBardeleben inquired of Regent Gerrard if when he was looking for comparables, was he looking for comparables in terms of land that is for development, or for lands going to be used for something comparable to the use we propose to put this land to. Regent Gerrard responded that when an M.A.I. appraisal is handed in, the appraiser has to justify how he comes up with his figures and he justifies that by using comparables for the situation. He said he was going to have a visit with the appraisers to see how they come up with their values because in this state if you can't build anything, how can it be so valuable? Regent DeBardeleben stated that he was disturbed as to whether or not Regent Gerrard is going to say it's worthless because you cannot build, and if that is the criterion.

Regent Barkla stated that it was her understanding that there is an adjacent parcel of land that has been developed for commercial purposes. Regent Gerrard noted that it was developed in 1970 and that he did not know if you could do that in 1979 considering the stance of the DNR. He said he wanted to get the land for the Arboretum, but wanted to be certain that we are paying an honest price for the land. Regent DeBardeleben inquired as to the prospect for getting the option extended so it could be considered at the next meeting of the Board. Regent Gerrard stated that the matter was being pursued, but the option is held by Nature Conservancy, and they have been asked to try to get it extended so that it could be considered at the next meeting. Chancellor Shain stated that it was his suggestion, as a result of the discussion at the Committee meeting on the previous day, that the resolution be approved in the present form. He said Regent Gerrard's concern about voting approval of \$124,000 cost without having appraisals in hand was entirely justified and the mechanism was developed whereby if we could not get the option extended, we would at least have a chance to buy it through action of the Executive Committee. If the option can be extended, it will come back to the October Regent meeting. Regent Gerrard agreed that if the option is extended, the matter will not go to the Executive Committee, but will come before the full Board.

Regent DeBardeleben suggested that this be viewed in terms of the purposes of the Arboretum and not be viewed for purposes of developmental purposes, as he would not like to see us lose a piece of land that joins two separated parts of the Arboretum because of a concept with which he was in basic disagreement and had not had a chance to vote on. He agreed that we should know what the value is, but was disturbed about viewing it in terms of criteria that a developer would apply to the land rather than criteria that ought to be applied when you are purchasing land for an Arboretum. Regent Beckwith stated he understood Regent DeBardeleben's concern to be that the Committee might turn down the opportunity for this piece of land if it comes only to the Executive Committee and does not come to the full Board. He said he was prepared to vote for the resolution as it stands with the understanding that the final consideration will come to the Executive Committee if necessary or the full Board if possible. Regent McNamara stated he had no objection to the resolution as submitted to the Board and was prepared to vote for it, but in so doing he wished to make it

clear that he agreed completely with the position taken by Regent DeBardleben, and if it comes before the Executive Committee, of which he happens to be a member, he wanted it known in advance that he would strongly support the position expressed by Regent DeBardleben today. He said he felt we ought to have the land. He said it is for the Arboretum and it is for University research, and whether or not somebody should build a house or a condominium on it is of no concern. He stated he was not saying in advance that he was going to vote for approval. Regent Erdman stated our position as Regents is to establish priorities, and many of these priorities are financial priorities. She said she is as enthusiastic a supporter of the Arboretum as anyone, but we cannot say that we commit ourselves to buying a piece of land that might be over-priced by fifty thousand dollars. She said she supported the Chairman of the Committee when he said he wants to look into the question more thoroughly.

Regent Gerrard stated he felt some of the statements made had questioned his credibility, which he did not like. He moved to amend the motion to provide that the property be bought at the option price, and stated he was going to vote against the resolution. The proposed amendment failed for lack of a second.

Regent Beckwith moved the previous question and it was voted on a roll call vote with Regents Barkla, Beckwith, DeBardleben, Elliott, Erdman, Fitzgerald, McNamara, O'Harrow, Thompson and Veneman voting "Aye" (10), and with Regents Fox, Gerrard, Grover, Lawton, and Majerus voting "No" (5), and with Regent Walter absent. (1). (The Secretary, having announced that the vote failed for lack of a two-thirds vote, was encouraged to up-date his basic skills.)

The question was put on Resolution 1979, and it was voted on a roll call vote, with Regents Barkla, Beckwith, DeBardleben, Elliott, Erdman, Fitzgerald, Fox, Grover, Lawton, Majerus, McNamara, O'Harrow, Thompson, and Veneman voting "Aye" (14), with Regent Gerrard voting "No" (1), and with Regent Walter absent (1).

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Regent Gerrard stated three private citizens of the City of Eau Claire and a fourth unnamed donor have indicated their willingness to donate 60,000 square feet of land contiguous to Putnam Park to the UW-Eau Claire Campus. He noted Chancellor Haas indicated his strong support for acceptance of this gift including the two restrictions--one relating to the naming of the property and the other that public access be permitted.

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

Resolution 1980: That, upon the recommendation of the UW-Eau Claire Chancellor and the President of the University of Wisconsin System, the Board of Regents indicate their willingness to accept a "gift-in-kind" of approximately 60,000 square feet of land contiguous to Putnam Park on the UW-Eau Claire campus, with the property to be named the Jean Grudem Bird Sanctuary and be accessible to the public.

Regent DeBardleben commended the Administration at UW-Eau Claire for obtaining this parcel, and stated the University of Wisconsin System should be grateful to have this addition.

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

Resolution 1981: That, upon the recommendation of the UW-Eau Claire, La Crosse, Madison, Milwaukee, Platteville, River Falls, Stevens Point, Stout, Superior and Extension Chancellors and the President of the University of Wisconsin System, authorization be granted to plan, bid and construct:

Insulation projects at UW-La Crosse, \$22,000; UW-Madison, \$74,100; UW-Platteville, \$38,500; UW-Stevens Point, \$25,100 - SBTF Energy Conservation Funds-GPR	\$159,700
Fine Arts Center Power Factor Correction Project, UW-Eau Claire, SBTF - Energy Conservation Funds-GPR	23,000
Roof Repair Projects, UW-Madison, SBTF Unprogrammed Surplus-GPR	54,000
Roof Repair Project, UW-Milwaukee, Program Revenue Bonding-Unexpended Bond Proceeds-Program Revenue-Non-GPR	41,500
and further, that authorization be granted to seek the release of Advance Planning Funds-SBTF-GPR for the preparation of concept and budget reports and final plans and specifications for forty roof repair/replacement projects, totaling an estimated \$1,625,200 at UW-Eau Claire, \$34,100; UW Extension, \$15,100; UW-La Crosse, \$92,000; UW-Madison, \$807,200; UW-Milwaukee, \$160,900; UW-River Falls, \$51,600; UW-Stevens Point, \$228,300; UW-Stout, \$107,900; and UW-Superior, \$128,400	118,000

\$396,200

Regent Gerrard noted the next resolution relating to the Biochemistry Building Remodeling Project at UW-Madison provides for a reduction in scope from that previously approved by the Board as part of the 1977-79 Capital Budget. It excludes 4,000 assignable square feet of animal quarter space which will be included in the next phase of remodeling for this building. It also excludes installation of an in-house chilling/cooling tower distribution system due to the approval of a 1979-81 major project which will extend the central chilled water system to the Biochemistry Building.

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

Resolution 1982: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, the concept and budget report for the Biochemistry Building Remodeling Project, UW-Madison, be approved and authority be granted to plan, bid and construct the project at a total cost of \$750,000 from General Obligation Bonding.

Regent Gerrard reported that at the Committee meeting on the previous day Wayne McGown, representing UW-Madison and the Center for Health Sciences, reported that Corporation representatives contacted him that morning to request modification in the terms of the lease for the proposed clinic facility for the Appleton Family Practice Residency that would increase the purchase option to the estimated cost of the project of \$1,172,000 through the fourth year and to the fair market value after the fourth year. Regent Gerrard stated that Chancellor Shain recommended that the Regents approve the resolution as presented. Regent Lawton stated that he had reviewed the matter with Mr. McGown and Dean Brown and concluded that the resolution as it stands represents all the Regents should pass on and that the proposed modification of the purchase agreement was totally unsatisfactory.

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

Resolution 1983: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to enter into a lease/purchase-option contract with the Fox Valley Family Practice Residency, Inc., Appleton (a non-profit corporation) for the purpose of constructing a clinic facility for the Appleton Family Practice Residency for UW-Madison, in accordance with the following terms:

- (1) A ten-year lease with two five-year renewal options at \$6,644.75 per month (or \$79,737 per year)
- (2) A purchase option following the fourth year of occupancy at \$750,000

with rental costs to be paid from the operating budget of the clinic (State GPR funds, patient fees-Non-GPR, and hospital payments-Non-GPR) and the purchase option (if exercised) to be paid from Program Revenue Supported state bonding.

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

Resolution 1984: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to request the release of \$5,000 of Advance Planning Funds from the State Building Commission to conduct site studies for the UW-Madison's 1979-81 Wausau Family Practice Clinic project, to be developed at Wausau, Wisconsin.

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

Resolution 1985: That, upon the recommendation of System Administration staff and the President of the University of Wisconsin System, the policies for prorating costs for construction and operation of heating/chilling plants serving GPR and Program Revenue funded facilities, as reflected in the attached document, be adopted for the UW System, in accordance with the resolution adopted by the State Building Commission on May 22, 1979. (EXHIBIT H, attached)

Regent Gerrard noted the statement on UW Center System Physical Facilities Planning (EXHIBIT I attached) is intended to alert the counties and the cities currently planning construction of additions to existing Centers that the UW System, by legislative mandate, is involved in a series of studies for state government relative to projected enrollment decline in the 1980s and that the Regents will consider proposals currently in process for new facility construction in the Center System after completion of these special studies. The statement also urges these units of government to continue planning, particularly for those Centers with incomplete facilities. Regent Gerrard reported Mr. Herman Ripp, Chairman of the Outagamie Board of Supervisors, appeared to indicate his concern for direction by the Regents relating to facility needs at the Fox Valley Center. He agreed that this statement on UW Center Physical Facilities Planning did provide some direction and looks forward to the recommendation to be included in the studies mandated by the Legislature to be completed in November.

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

Resolution 1986: That, upon the recommendation of the President of the University of Wisconsin System, the document entitled A Statement on UW Center System Physical Facilities Planning be approved as a statement of the Board's position. (EXHIBIT I, attached)

Regent Erdman stated that it appeared to her there is one large omission in the presentation relative to additional Center construction and the cost of funding possible new staff members, either classified or unclassified, who will be involved after the new construction is completed, and while we should know the equipping costs and that kind of thing, if we require new faculty members, the cost of the new staff is substantial, and requested that this be a part of our analysis when we give approval to an additional Center building. Senior Vice President Smith responded that if a project involves a physical plant expansion based upon additional faculty and academic staff, it would not then under our policy be recommended. He said there may, in particular instances, be some marginal addition of maintenance staff, and agreed that when the progress report is brought forward, we should discuss any implications in a very definitive way for additional costs involved.

Regent Beckwith stated that when he received Mr. Ripp's letter, he wrote to the President of the Board and told him that he felt that the question posed by Mr. Ripp in the last paragraph of his letter was completely legitimate. He said that he felt that before the Board goes forward, before they spend money to do the work that is required, he questioned if the Board of Regents is prepared to recommend support of these facilities, noting that

you cannot build \$5 million worth of facilities without its costing something for maintaining them. Senior Vice President Smith stated that Mr. Ripp was appreciative of the statement in that we had told him that the Regents are not in a position to act upon any proposal that comes before them prior to the time that they have looked at the November 30th studies. He stated that in the past on the basis of rather carefully drawn planning principles it was possible in advance of the completion and development of the county's and the Center's work to give relatively clear signals as to whether all of the qualifications had been met, but we are now in a period of a massive re-examination, starting with a look at enrollment and fiscal projections and looking against any modifications in management procedures which we think are necessary in addition to those we are already using, and consequently this does signal a kind of relationship at the moment which is slightly different from the one that was historically possible before.

The question was put on Resolution 1986, and it was voted.

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

Resolution 1987: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to seek the release of \$60,000 of Advance Planning Funds from State Building Trust Funds for modification of the Charter Street Heating Plant, UW-Madison to assure compliance with the 1977 Clean Air Act Amendments (ACT) adopted by the U.S. Congress.

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

Resolution 1988: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to plan, bid and construct the Birge Hall Remodeling Project-- Phase I at an increased project cost of \$1,700,000 (increase of \$180,000) from General Obligation Bonding--GPR.

Regent Gerrard referred to the UW System Report on Energy Management for the fiscal year 1978-79, attached as EXHIBIT J, which reports the progress that the UW System has made in its overall energy management program due to the combined efforts of the entire University community and the commitment of significant staff and financial resources.

REPORT OF SPECIAL COMMITTEE

Regent Fox referred to the Report of the Regent Committee on Delegation of Authority Related to Tenure Decisions, attached as EXHIBIT K, noting that essentially the Committee concluded that the participation of the Chancellors

in the tenure decisions as is set forth in the rules at UW-Parkside, Green Bay, Madison and Milwaukee does not violate State statutes and does not violate the rules of the Board of Regents, and, in fact, is in conformance with both of them.

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

Resolution 1989: That the Report of the Regent Committee on Delegation of Authority Related to Tenure Decisions, attached as EXHIBIT K, be accepted and approved.

Regent DeBardleben moved adoption of the following resolution, the motion was seconded by Regent Fox, and it was voted, with Regents Barkla, Beckwith, DeBardleben, Elliott, Erdman, Fitzgerald, Fox, Gerrard, Grover, Lawton, Majerus, McNamara, O'Harrow, Thompson and Veneman voting "Aye":

Resolution 1990: That the meeting recess into closed session to consider personnel matters as permitted by S. 19.85(1)(c), and S. 19.85(1)(f), Wis. Stats.

The meeting recessed into closed session at 11:25 A.M.

The Board arose from closed session at 11:50 A.M.

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

Resolution 1991: That, upon recommendation of the President of the UW System and the Chancellor of the University of Wisconsin-Madison, the status of Leo M. Walsh be changed to Dean and Director, College of Agricultural and Life Sciences, and Professor, Department of Soils, College of Agricultural and Life Sciences, UW-Madison, beginning September 10, 1979, at an annual salary of \$57,500.

Resolution 1992: That, upon recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Bernard C. Easterday be changed to Dean, School of Veterinary Medicine, and Professor, Department of Veterinary Science, College of Agricultural and Life Sciences, University of Wisconsin-Madison, beginning September 10, 1979 at an annual salary of \$50,000.

The meeting adjourned at 11:51 A.M.

August 1979

No Meeting

September 1979

Appendix "A"

*J. copy to T. Alank
8/23/79
ms*

- (1) An agreement between Wisconsin Gas and UW Washington Center for provision of natural gas has been signed by the Assistant Secretary of the Board 6/29/79.
- (2) An agree- ment Access to UW-Madison and/Independence, Inc., for lease by Access of 1,070 NASF square feet of space located at 1954 East Washington Avenue has been signed by the Vice Chancellor for Administration June 29, 1979. The term of the agreement is from June 30, 1979 through June 30, 1980 at the annual rate of \$5,885.
- (3) An agreement between the Red Cedar Clinic, Menomonie and the Board of Regents for provision of student health services at UW-Stout has been signed by the Assistant Secretary May 14, 1979. The term of this agreement are for the 1979-80 academic year.
- (4) The existing Child Care Center contract between the Catholic Charities Bureau and UW-River Falls has been extended through June 30, 1980. This is the final year of the current contract and, if continued, a new contract will be renegotiated for the period beyond 6/30/80.
- (5) An agreement between Mr. Lyman Larson and the UW-Madison College of Agricultural and Life Sciences for research to determine the effects of fertilizer treatment on the yeild and composition of alfalfa grown in the soils of western Wisconsin has been signed by the Vice Chancellor for Administration. This agreement allows for the use of 2.0 acres of land.
- (6) An agreement between Roger H. Helson and UW-Madison for the razing of obsolete structures located at the Physical Sciences Laboratory site has been signed. They are in poor condition and constitute a hazard. Their current value is nominal and considerable expense would be required to make them safe and usable. Mr. Nelson's sole consideration for the work to be done shall be the materials he may salvage. Signed by Vice Chancellor for Administration 7/24/79
- (7) An agreement between the River Falls Medical Clinic, River Falls, WI and the Board of Regents for provision of student health services at UW-River Falls has been signed by the Vice President for General Services. The term of this agreement is the one year, effective August 1, 1979.
- (8) An agreement between the Board and Tom and Robin Kimmerer relating to the Arboretum security residence has been signed by the Vice Chancellor for Administration, UW-Madison 8-1-79. The term of the agreement is August 1, 1979 through July 31, 1981.
- (9) An agreement between the City of Madison and UW-Madison on behalf of the Board for lease of approximately 1,549 net assignable square feet of space for use as a public health office and clinic facilities has been signed by the Vice Chancellor for Administration. The term of the agreemtn is from July 16, 1979 through May 31, 1984.

GIFTS, GRANTS AND CONTRACTS
AUG 10, 1979

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) FOREIGN LANGUAGE AND AREA STUDIES FELLOWSHIP PROGRAM - EAST ASIAN AREA STUDIES PROGRAM FOR THE PERIOD 08-15-79 THROUGH 08-14-80
AWARD # G007901923
MSN L&S E ASIAN LANG&LIT (144-N337) 22,350.00
 - 2) FOREIGN LANGUAGE AND AREA STUDIES FELLOWSHIP PROGRAM - EAST EUROPEAN AREA STUDIES PROGRAM FOR THE PERIOD 08-15-79 THROUGH 08-14-80
AWARD # G007901927
MSN L&S SLAVIC LANGUAGES (144-N338) 47,840.00
 - 3) FOREIGN LANGUAGE AND AREA STUDIES FELLOWSHIPS SOUTHEAST ASIAN AREA STUDIES FOR THE PERIOD 08-15-79 THROUGH 08-14-80
AWARD # G007901911
MSN L&S SPECIAL PROJECTS SE ASIA ST (144-N344) 23,350.00
2. DHEW, OFFICE OF HUMAN DEVELOPMENT
CHICAGO, IL
TEACHING AND TRAINEESHIPS IN REHABILITATION COUNSELING FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 44-P-25142/5-18
MSN EDUC STU IN BEHAV DIS (144-N331) 74,273.00
3. MADISON OPPORTUNITY CENTER
MADISON, WI
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE UW SYSTEM UNDER AGREEMENT FROM DHEW OHD REHABILITATION RESEARCH AND TRAINING CENTER IN MENTAL RETARDATION FOR THE PERIOD 04-01-79 THROUGH 12-31-79
AT A TOTAL COST OF \$37,440.00
AWARD # AGR DTD 07-02-79
MSN EDUC STU IN BEHAV DIS (144-M826)
4. DHEW, OFFICE OF HUMAN DEVELOPMENT
WASHINGTON, DC
EXPANSION OF INTERDISCIPLINARY COMPONENTS OF TRAINING IN GERONTOLOGY FOR THE PERIOD 07-01-78 THROUGH 08-31-79
AT A TOTAL COST OF \$185,966.00
AWARD # 90-A-1398 (01), MOD. 1
MSN GRAD INST AGING&ADULT (144-M097) 12,959.00
5. DHEW, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
 - 1) SOCIAL SCIENCE RESEARCH TRAINING FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 T32 MH14641-04
MSN HS-PSY PSYCHIATRIC INST (144-N223) 98,288.00

GIFTS, GRANTS AND CONTRACTS
AUG 10, 1979

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

- | | | | |
|-----|---|------------|------------|
| 2) | CLINICAL PSYCHOLOGY TRAINING PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 T01 MH06933-20
MSN HS-MED PSYCHIATRY | (144-N224) | 25,088.00 |
| 3) | MODELS FOR MANPOWER ASSESSMENT AND DEVELOPMENT
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 T23 MH15017-03
MSN HS-MED PREVENTIVE MED | (144-N245) | 226,299.00 |
| 4) | ADVANCED TRAINING IN FAMILY SYSTEMS PSYCHIATRY
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 2 T01 MH14971-03
MSN HS-MED PSYCHIATRY | (144-N254) | 30,132.00 |
| 5) | BASIC RESIDENCY PROGRAM IN GENERAL PSYCHIATRY
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 2 T01 MH06290-24
MSN HS-MED PSYCHIATRY | (144-N255) | 60,264.00 |
| 6) | PREDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 F31 MH07172-02
MSN GRAD L&S PRIM RES C | (144-N268) | 6,900.00 |
| 7) | SOCIAL WORK TRAINING IN COMMUNITY MENTAL HEALTH
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 2 T01 MH13620-06
MSN L&S SOCIAL WORK | (144-N290) | 59,847.00 |
| 8) | PSYCHIATRIC MENTAL HEALTH NURSING
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 2 T01 MH10990-12
MSN HS-NUR | (144-N297) | 156,441.00 |
| 9) | ECONOMICS OF MENTAL HEALTH
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 1 T32 MH15872-01
MSN L&S ECONOMICS | (144-N315) | 94,368.00 |
| 10) | RESEARCH TRAINING IN METROPOLITAN PROBLEMS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 1 T32 MH15727-01
MSN L&S INST-RES ON POV | (144-N319) | 52,184.00 |
| 6. | DHEW, PHS, HEALTH RESOURCES ADMIN.
HYATTSVILLE, MD
IN SUPPORT OF THE FOLLOWING: | | |
| 1) | NURSE PRACTITIONER TRAINING IN DEGREE PROGRAMS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 D24 NU00078-03
MSN HS-NUR | (144-N226) | 191,960.00 |
| 2) | FACULTY DEVELOPMENT IN FAMILY MEDICINE
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 D15 PE55001-02
MSN HS-MED FAM MED & PRACT | (144-N292) | 64,760.00 |

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UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

7. DHEW, PHS, HEALTH SERVICES ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) GRADUATE TRAINING PROJECT IN PARENT-CHILD NURSING
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # MCT-000134-16-0
MSN HS-NUR (144-N136) 229,644.00
 - 2) UNIVERSITY AFFILIATED FACILITY
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # MCT-000915-12-0
MSN GRAD WAISMN RETARD CT (144-N173) 810,380.00
8. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) SENSORY PHYSIOLOGY AND BIOPHYSICS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AT A TOTAL COST OF \$80,353.00
AWARD # 5 T32 NS07026-04, MOD. 1
MSN HS-MED NEUROPHYSIOLOGY (144-N140) 58,860.00
 - 2) NEPHROLOGY
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 T32 AM07238-03
MSN HS-MED MEDICINE NEPHROLOGY (144-N219) 23,810.00
 - 3) CONTINUING EDUCATION: DIAGNOSIS AND
PSYCHOPHARMACOLOGY
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 T01 MH14876-03
MSN HS-MED PSYCHIATRY (144-N222) 38,461.00
 - 4) TRAINING PROGRAM IN DEVELOPMENTAL BIOLOGY
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 T32 HD07118-02
MSN L&S ZOOLOGY (144-N291) 123,985.00
 - 5) TUMOR BIOLOGY
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 5 T32 CA09230-04
MSN HS-MED ONCOLOGY (144-N378) 37,456.00
9. VETERANS ADMINISTRATION
WASHINGTON, DC
THE EDUCATION AND TRAINING OF PROFESSIONAL AND
TECHNICAL HEALTH MANPOWER IN THE AREA OF
GERIATRICS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 2C (75) IV 50 0406-05
MSN HS-MED (144-N259) 261,492.00
10. STATE OF WISCONSIN
DEPARTMENT OF HEALTH AND SOCIAL SERVICES
DIVISION OF CORRECTIONS
MADISON, WI
DIVISION OF CORRECTIONS CLASSROOM AND FIELD
INSTRUCTION FOR THE PERIOD 08-01-79 THRU 06-30-82
MSN L&S SOCIAL WORK (133-D188) 83,372.00

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INSTRUCTION

11. AMSTED INDUSTRIES FOUNDATION
CHICAGO, IL
PROMOTE EDUCATION AND DEVELOPMENT OF YOUNG PERSONS
INTERESTED IN ENGINEERING
MSN ENGR MET & MIN ENGR (133-1081) 3,500.00

LIBRARIES

1. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
SUMMER MEMORIAL LIBRARY FUND
MSN/AG&LSC JOURNALISM (AGR) (133-D145) 600.00
2. MULTIPLE DONORS
SUPPORT LITHIUM LIBRARY IN THE DEPARTMENT OF
PSYCHIATRY
MSN HS-MED PSYCHIATRY (133-9651) 196.00

MISCELLANEOUS

1. DOD, AIR FORCE
BEDFORD, MA
FABRICATE AND INSTALL TWO VIDEO CASSETTE (GOES)
ARCHIVE SYSTEMS AND ONE DATA PREPROCESSOR
FOR THE PERIOD 06-01-79 THROUGH 09-30-79
AWARD # F19628-79-C-0127
MSN GRAD SPACE SCI&ENG CT (144-N367) 46,881.00
2. 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) 800.00
3. MULTIPLE DONORS
DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND
SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR
ALGEBRA AND ITS APPLICATIONS JOURNAL"
MSN L&S MATHEMATICS (133-A751) 100.00
4. UW-STUDENT ORGANIZATIONS ACCOUNT
MADISON, WI
DEAN OF STUDENTS DISCRETIONARY FUND
MSN G E A DEAN OF STUDENTS ADMIN (133-A912) 4,520.00
5. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
MECHANICAL ENGINEERING UNRESTRICTED GRANT
MSN ENGR MECHANICAL ENGR (133-B430) 4,000.00
6. STANFIELD HOUSE
SANTA MONICA, CA
DEINSTITUTIONALIZATION PROJECT FUND
MSN GRAD WAISMN RETARD CT (133-B695) 965.90

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

- | | | | |
|-----|--|------------|-----------|
| 7. | AMERICAN SOCIETY OF AGRONOMY, INC
MADISON, WI
SUPPORT GENERAL SOIL SCIENCE PROGRAMS
MSN AG&LSC SOILS | (133-C233) | 1,942.30 |
| 8. | AMERICAN MARKETING ASSOCIATION
CHICAGO, IL
DEFRAY COST OF EDITORIAL OFFICE FOR THE JOURNAL OF
MARKETING RESEARCH TEMPORARILY LOCATED ON THE
MADISON CAMPUS
MSN BUS BUSINESS, SCH OF | (133-C283) | 9,000.00 |
| 9. | LAW AND SOCIETY ASSOCIATION
DENVER, CO
DEFRAY COST OF PUBLICATION OF THE "LAW AND SOCIETY
REVIEW" FOR THE PERIOD 07-01-79 THRU 06-30-80
MSN L&S SOCIOLOGY | (133-C304) | 6,800.00 |
| 10. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
PERIPHERAL EQUIPMENT TO PDP-11 FOR TYPING AND
PROCESSING OF MANUSCRIPTS AND PAPERS
MSN HS-MED ANESTHESIOLOGY | (133-C460) | 4,400.00 |
| 11. | UNIVERSITY RADIOTHERAPY ASSOCIATES
MADISON, WI
CLERICAL PERSONNEL SUPPORT
MSN HS-MED HUMAN ONCOLOGY RAD THERAP | (133-C796) | 1,788.00 |
| 12. | LILLY (ELI) & COMPANY
INDIANAPOLIS, IN
LILLY PREDOCTORAL FELLOWSHIP IN BIOLOGY
MSN HS-PHR PHARMACY | (133-D101) | 6,000.00 |
| 13. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
GENERAL MOTORS UNRESTRICTED GRANT FOR
COLLEGE OF ENGINEERING
MSN ENGR ADMINISTRATION | (133-D136) | 10,000.00 |
| 14. | STATE OF WISCONSIN
DEPARTMENT OF HEALTH AND SOCIAL SERVICES
DIVISION OF HEALTH
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR
THE PERIOD 07-01-79 THRU 06-30-80
MSN ENGR ENGR EXPER STA INDUS ENGR | (133-D143) | 32,000.00 |
| 15. | AMERICAN HEART ASSOCIATION
WISCONSIN AFFILIATE, INC
MILWAUKEE, WI
PRE-DOCTORAL FELLOWSHIP FOR THE
PERIOD 07-01-79 THRU 06-30-80
MSN AG&LSC MEAT&ANIMAL SCI | (133-D148) | 4,400.00 |

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UNIVERSITY OF WISCONSIN - MADISON

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16. STATE OF WISCONSIN
DEPARTMENT OF PUBLIC INSTRUCTION
MADISON, WI
COMMUNITY EDUCATION CENTER SUPPORT
FOR THE PERIOD 07-01-79 THRU 06-30-80
AWARD # P.O.# PAJ 00073
MSN EDUC EDUC ADMIN (133-D153) 21,700.00
17. STATE OF WISCONSIN
DEPARTMENT OF HEALTH AND SOCIAL SERVICES
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR
THE PERIOD 06-15-79 THRU 08-31-79
MSN HS-MED PREVENTIVE MED (133-D174) 2,572.13
18. STATE OF WISCONSIN
DEPARTMENT OF HEALTH AND SOCIAL SERVICES
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR
THE PERIOD 06-28-79 THRU 08-26-79
MSN HS-MED PREVENTIVE MED (133-D175) 2,199.76
19. STATE OF WISCONSIN
DEPARTMENT OF HEALTH AND SOCIAL SERVICES
DIVISION OF HEALTH
MADISON, WI
EMPLOYEE INTERCHANGE AGREEMENT FOR
THE PERIOD 07-01-79 THRU 06-30-80
AWARD # P.O.# GA J 76527 P
MSN ENGR ENGR EXPER STA INDUS ENGR (133-D181) 14,050.00
20. SAINT LOUIS UNIVERSITY
ST. LOUIS, MO
DISCRETIONARY FUND IN THE DEPARTMENT OF NEUROLOGY
MSN HS-MED NEUROLOGY (133-D184) 9,922.52
21. AMERICAN CANCER SOCIETY
WISCONSIN DIVISION, INC
MADISON, WI
HOSPITAL CANCER EDUCATION PROGRAM
MSN HS-MED HUMAN ONCOLOGY (133-D187) 15,000.00
22. STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
MADISON, WI
UNIVERSITY INTERNSHIP AGREEMENT FOR
THE PERIOD 01-01-79 THRU 05-25-79
AWARD # 9-79-MAD-ICE
MSN AG&LSC NAT RESOURCES ADMIN (133-D207) 500.00
23. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT
MSN BUS BUSINESS, SCH OF (133-0179) 17,518.00

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MISCELLANEOUS

24. MULTIPLE DONORS IN MEMORY OF
WILLIAM MARLING
TO ASSIST CHILDREN IN CHILDREN'S HOSPITAL
MSN HS-HSP ADMINISTRATION ADMIN (133-0206) 15.00
25. WISCONSIN LAW ALUMNI ASSOCIATION
MADISON, WI
LAW SCHOOL DEAN'S UNRESTRICTED FUND
MSN LAW LAW SCHOOL (133-2128) 769.44
26. MULTIPLE DONORS
DEPARTMENT OF SOILS CHAIRMAN'S DISCRETIONARY
GRANT TO BE USED WITH THE APPROVAL OF THE DEAN
OF THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES
MSN AG&LSC SOILS (133-4885) 424.99
27. CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT
MSN BUS BUSINESS, SCH OF (133-5984)
- | | | |
|----------|--|----------|
| 3,000.00 | ALLIS-CHALMERS FOUNDATION
MILWAUKEE, WI | |
| 5,000.00 | JOS. SCHLITZ BREWING CO.
MILWAUKEE, WI | |
| 325.00 | MULTIPLE DONORS | |
| | | 8,325.00 |
28. UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS
MSN HS-MED HUMAN ONCOLOGY (133-6225)
- | | | |
|--------|---|--------|
| 542.00 | MULTIPLE DONORS IN MEMORY OF
OLE DRAGESET, ISABEL, SD | |
| 10.00 | MULTIPLE DONORS IN MEMORY OF
DR. WILLIAM CALDWELL, MADISON, WI | |
| | | 552.00 |
29. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND
MSN ENGR ADMINISTRATION (133-6370) 500.00
30. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
ROYALTIES ON THE SALE OF LABORATORY MANUALS FOR
UNRESTRICTED USE OF THE DEPARTMENT OF ZOOLOGY IN
CONNECTION WITH TEACHING AND RESEARCH IN BIOLOGY
MSN L&S ZOOLOGY (133-6997) 2,600.00
31. MULTIPLE DONORS
MARIA E. GUNDERSON FUND TO PROVIDE FINANCIAL
SUPPORT CONNECTED WITH HOME AND BEAUTIFICATION
PROJECT
MSN AG&LSC NAT RESOURCES LAND ARCH (133-7400) 260.00

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32. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
UNRESTRICTED GRANT IN THE DEPARTMENT OF MEDICINE
MSN HS-MED MEDICINE (133-7640) 23,338.19
33. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
DEFRAY COST OF PLANTINGS IN THE LONGENECKER
HORTICULTURAL GARDENS AT THE UW-MADISON ARBORETUM
MSN ARBOR ARBORETUM (133-7854) 85.00
34. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON,
REPRESENTING A TRANSFER OF FUNDS FOR
COOPERS & LYBRAND, MILWAUKEE, WI
MILWAUKEE, WI
SUPPORT ACCOUNTING PROGRAMS AT MADISON CAMPUS
MSN BUS BUSINESS, SCH OF (133-7881) 200.00
35. MULTIPLE DONORS
SENSORY RESEARCH ANALYSIS
MSN AG&LSC FOOD SCIENCE (133-8343) 1,000.00
36. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S
DISCRETIONARY GRANT
MSN ENGR CHEMICAL ENGR (133-8366) 4,000.00
37. FRIENDS OF BLUE BUS
MADISON, WI
BLUE BUS CLINIC OPERATION
MSN HS-UHS UNIV HEALTH SERV U HLTH SVC (133-8650) 475.00
38. EXXON EDUCATION FOUNDATION
NEW YORK, NY
UNRESTRICTED GRANT FOR THE DEPARTMENT OF
CHEMICAL ENGINEERING
MSN ENGR CHEMICAL ENGR (133-9011) 7,000.00
39. GIFTS FOR THE SCHOOL OF JOURNALISM AND MASS
COMMUNICATIONS UW-MADISON, TO BE USED AT THE
DISCRETION OF THE DIRECTOR OF THE SCHOOL FOR THE
BENEFIT OF THE SCHOOL
MSN L&S JOURN&MASS COMM (133-9465)
- 225.00 MULTIPLE DONORS
500.00 UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI 725.00
40. MULTIPLE DONORS
WAISMAN CENTER ON MENTAL RETARDATION AND HUMAN
DEVELOPMENT FUND
MSN GRAD WAISMN RETARD CT (133-9545) 50.00

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RESEARCH

1. AGRIC, ANIMAL AND PLANT HEALTH INSPECTION SERVICE
HYATTSVILLE, MD
REVIEW THE BACKGROUND AND CURRENT STATUS OF THE
APHIS BRUCELLOSIS PROGRAM
FOR THE PERIOD 06-30-76 THROUGH 12-31-79
AT A TOTAL COST OF \$210,357.00
AWARD # 12-16-4-231, MOD. 4
MSN AG&LSC VETERINARY SCI (144-H944) 11,000.00
2. AGRIC, SCIENCE & EDUCATION ADM
ARLINGTON, VA
BIOPHYSICAL STUDIES OF THE STRUCTURE AND
MECHANISM OF NITROGENASE
FOR THE PERIOD 06-19-79 THROUGH 06-30-81
AWARD # 5901-0410-9-0226-0
MSN AG&LSC BIOCHEMISTRY (144-N242) 125,000.00
3. AGRIC, SCIENCE & EDUCATION ADM
MADISON, WI
IN SUPPORT OF THE FOLLOWING:
 - 1) COOPERATIVE AGRICULTURAL RESEARCH IN WISCONSIN
FOR THE PERIOD 07-01-74 THROUGH 06-30-79
AT A TOTAL COST OF \$420,000.00
AWARD # 12-14-3001-258
MSN AG&LSC PLANT PATHOLOGY (144-F063) 60,000.00
 - 2) COOPERATIVE AGRICULTURAL RESEARCH IN WISCONSIN
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 12-14-3001-258
MSN AG&LSC PLANT PATHOLOGY (144-N196) 480,000.00
4. DHEW, NATIONAL INSTITUTE OF EDUCATION
WASHINGTON, DC
CHILDREN'S UNDERSTANDING OF WRITTEN AND SPOKEN
DISCOURSE; ANALYSIS OF COMPONENT PROCESSES
FOR THE PERIOD 07-01-78 THROUGH 06-30-80
AT A TOTAL COST OF \$53,028.00
AWARD # NIE-G-78-0052, MOD. 1
MSN L&S PSYCHOLOGY (144-L811) 26,514.00
5. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) ELECTROENCEPHALIC AUDIOMETRY ON NORMAL AND
HIGH-RISK NEONATES
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # G007902002
MSN L&S COMMUN DISORDERS (144-N327) 11,010.00
 - 2) FULBRIGHT-HAYS FACULTY RESEARCH ABROAD PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 12-31-80
AWARD # G007901897
MSN GRAD ADMINISTRATION ADMIN (144-N343) 6,340.00

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RESEARCH

- 3) PUBLIC SERVICE EDUCATION PROGRAM
FOR THE PERIOD 08-28-79 THROUGH 05-29-80
AWARD # G007900294
MSN L&S PUBL POL&ADM RES (144-N371) 9,100.00
- 4) DOMESTIC MINING & MINERAL & MINERAL FUEL
CONSERVATION FELLOWSHIPS
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # G007900453
MSN ENGR ENGR EXPER STA MET & MIN (144-N372) 92,950.00
6. DHEW, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) SPINAL AND SUPRASPINAL SITES OF NARCOTIC ACTION
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 RO1 DA02030-02
MSN HS-PHR PHARMACY (144-N172) 36,275.00
- 2) EVOLUTION AND DEVELOPMENT OF PRIMATE SPEECH
ANALOGUES
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 RO1 MH29775-03
MSN L&S PSYCHOLOGY (144-N181) 39,382.00
- 3) RESEARCH SCIENTIST DEVELOPMENT AWARD
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 2 K02 MH70903-06
MSN HS-PSY PSYCHIATRIC INST (144-N316) 39,852.00
- 4) RESEARCH SCIENTIST AWARD
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 2 K05 MH21762-11
MSN HS-MED PEDIATRICS (144-N317) 38,880.00
7. DHEW, PHS, FOOD AND DRUG ADMINISTRATION
ROCKVILLE, MD
DETECTION OF MYCOTOXIN BY IMMUNOLOGICAL TECHNIQUES
PREPARATION OF THREE HYDROXYLATED AFLATOXIN-
PROTEIN CONJUGATES
FOR THE PERIOD 08-01-79 THROUGH 07-31-81
AWARD # 223-79-2270
MSN AG&LSC FOOD MICRO&TOXIC (144-N288) 88,722.00
8. AKRON GENERAL MEDICAL CENTER
AKRON, OH
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE
UW SYSTEM UNDER AGREEMENT FROM DHEW PHS NIH
EASTERN COOPERATIVE ONCOLOGY GROUP OPERATIONS
OFFICE
FOR THE PERIOD 10-01-78 THROUGH 05-31-79
AT A TOTAL COST OF \$1,750.00
AWARD # 531K204
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-L539)

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RESEARCH

9. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) CANCER CONTROL RADIOLOGIC PHYSICS CENTER
FOR THE PERIOD 06-28-74 THROUGH 12-31-79
AT A TOTAL COST OF \$775,548.00
AWARD # NO1-CN-45152, MOD. 9
MSN HS-MED HUMAN ONCOLOGY (144-F399) 76,327.00
 - 2) COMPREHENSIVE CANCER CENTER COMMUNICATIONS
NETWORK
FOR THE PERIOD 06-01-75 THROUGH 05-31-81
AT A TOTAL COST OF \$721,059.00
AWARD # NO1 CN 55228, MOD. 9
MSN HS-MED HUMAN ONCOLOGY (144-G392) 248,177.00
 - 3) LONG-TERM STUDIES OF PREVENTION OF EPITHELIAL
CANCER BY RETINOIDS
FOR THE PERIOD 09-30-77 THROUGH 09-29-80
AT A TOTAL COST OF \$488,000.00
AWARD # NO1 CP 75905, MOD. 5
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-K753) 146,000.00
 - 4) MULTIDISCIPLINARY PROGRAM IN RADIATION ONCOLOGY
FOR THE PERIOD 06-01-78 THROUGH 07-31-79
AT A TOTAL COST OF \$855,407.00
AWARD # 3 PO1 CA19278-03S1
MSN HS-MED HUMAN ONCOLOGY RAD THERAP (144-L469) 127,354.00
 - 5) NEUROPILE RECONSTRUCTION BY HVEM AND OTHER METHODS
FOR THE PERIOD 06-01-78 THROUGH 10-31-79
AT A TOTAL COST OF \$71,494.00
AWARD # 3 RO1 EY01686-03S1
MSN AG&LSC ENTOMOLOGY (144-L530) 25,212.00
 - 6) TOTAL BODY ABSORPTIOMETRY
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AT A TOTAL COST OF \$46,445.00
AWARD # 5 RO1 AM17892-04, MOD. 1
MSN HS-MED RADIOLOGY (144-L817) 481.00
 - 7) BIOMEDICAL RESEARCH SUPPORT GRANT
FOR THE PERIOD 04-01-79 THROUGH 03-31-80
AT A TOTAL COST OF \$201,413.00
AWARD # 5 S07 RR07098-14, MOD. 1
MSN GRAD (144-M117) 5,319.00
 - 8) POSTDOCTORAL FELLOWSHIP AWARD
(REDUCED DUE TO EARLY TERMINATION OF FELLOW)
FOR THE PERIOD 10-17-78 THROUGH 04-30-79
AT A TOTAL COST OF \$8,604.00
AWARD # 5 F32 GM06036-02, MOD. 1
MSN HS-MED MEDICINE LAB-COMPUT (144-M414) 4,796.00-

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RESEARCH

- 9) CELLULAR IMMUNITY TO TUMORS AND HERPES INFECTIONS
(REDUCED DUE TO TRANSFER OF PRINCIPAL INVESTIGATOR
TO ANOTHER UNIVERSITY)
FOR THE PERIOD 12-01-78 THROUGH 07-31-79
AT A TOTAL COST OF \$48,613.00
AWARD # 5 R01 CA20409-03, MOD. 1
MSN HS-MED LYMPHOBIOL PROG (144-M465) 19,296.00-
- 10) ELECTRON MICROSCOPE FACILITY FOR BIOMEDICAL
RESEARCH (REDUCED TO CONFORM WITH ACTUAL
UNOBLIGATED BALANCE FROM PRIOR YEAR)
FOR THE PERIOD 12-01-78 THROUGH 11-30-79
AT A TOTAL COST OF \$144,522.00
AWARD # 5 P41 RR00570-09, MOD. 1
MSN L&S ZOOLOGY (144-M472) 3,024.00-
- 11) CENTER FOR POPULATION RESEARCH
(REDUCED TO REFLECT ACTUAL UNOBLIGATED BALANCE)
FOR THE PERIOD 01-01-79 THROUGH 12-31-79
AT A TOTAL COST OF \$384,612.00
AWARD # 5 P30 HD05876-08, MOD. 1
MSN L&S SOCIOLOGY (144-M563) 962.00-
- 12) BIOMEDICAL RESEARCH SUPPORT GRANT
FOR THE PERIOD 04-01-79 THROUGH 03-31-80
AT A TOTAL COST OF \$201,413.00
AWARD # 5 S07 RR05435-18, MOD. 1
MSN HS-MED (144-M798) 5,319.00
- 13) BIOMEDICAL RESEARCH SUPPORT GRANT
FOR THE PERIOD 04-01-79 THROUGH 03-31-80
AT A TOTAL COST OF \$39,047.00
AWARD # 5 S07 RR05456-17, MOD. 1
MSN HS-PHR PHARMACY (144-M808) 1,032.00
- 14) GENETIC STUDIES WITH CULTIVATED MAMMALIAN CELLS
FOR THE PERIOD 05-01-79 THROUGH 04-30-80
AWARD # 5 R01 GM06983-20
MSN HS-MED GENETICS (144-M865) 163,425.00
- 15) EASTERN COOPERATIVE ONCOLOGY GROUP-OPERATIONS
OFFICE
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AWARD # 5 R10 CA21115-04
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-M890) 764,317.00
- 16) EASTERN COOPERATIVE ONCOLOGY - WISCONSIN STUDIES
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AWARD # 5 R10 CA21076-04
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-N018) 296,669.00
- 17) ESTIMATORS AND TESTS FOR CENSORED SURVIVAL DATA
(REDUCED TO CONFORM TO ACTUAL AMOUNT OF AWARD)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AT A TOTAL COST OF \$17,680.00
AWARD # 5 R01 GM23129-04
MSN L&S STATISTICS (144-N075) 9,044.00-

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- 18) PROLACTIN SYNTHESIS IN NORMAL AND NEOPLASTIC
PITUITARY TISSUE
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 R01 CA18110-05
MSN AG&LSC BIOCHEMISTRY (144-N111) 68,072.00
- 19) SHORT-TIME AND ORIENTING SYSTEMS IN INFANCY
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 2 R01 HD01490-12
MSN HS-MED PEDIATRICS (144-N152) 49,986.00
- 20) EPR AND X-RAY STUDIES OF ELECTRON TRANSFER ENZYMES
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 2 R01 GM17170-08
MSN AG&LSC BIOCHEMISTRY (144-N206) 134,049.00
- 21) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 F32 EY05256-02
MSN L&S PSYCHOLOGY (144-N210) 13,400.00
- 22) CHANGES IN THE REPRODUCTIVE SYSTEM OF AGED MONKEYS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 1 R01 AG01612-01
MSN L&S PRIMATE RES CTR (144-N211) 62,457.00
- 23) INDUCTION OF PROTEIN SYNTHESIS IN HUMAN
ENDOMETRIUM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 R01 HD11726-02
MSN HS-MED GYNECOL & OBSTET (144-N212) 31,642.00
- 24) SYNAPTIC STRUCTURE AND FUNCTION DURING SENESCENCE
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 1 R01 AG01572-01
MSN HS-MED PHYSIOLOGY (144-N225) 16,634.00
- 25) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 F32 HL05741-02
MSN HS-MED PREVENTIVE MED (144-N227) 13,400.00
- 26) TOTAL BODY ABSORPTIOMETRY
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 R01 AM17892-05
MSN HS-MED RADIOLOGY (144-N229) 43,126.00
- 27) CYTOTOXIC MACROCYCLES; CYTOCHALASIN ANALOGS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 R01 CA17918-05
MSN L&S CHEMISTRY (144-N234) 72,752.00
- 28) THE EYE IN MALIGNANT HYPERTENSION
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 R01 EY01007-06
MSN HS-MED OPHTHALMOLOGY (144-N235) 46,132.00

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29)	PRIMATE RETINA AND CHOROID IN MALIGNANT HYPERTENSION FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 5 R01 EY02034-03 MSN HS-MED OPHTHALMOLOGY	(144-N236)	65,408.00
30)	CELLULAR POTENTIAL CHANGES CAUSING CARDIAC ARRHYTHMIA FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 5 R01 HL13375-10 MSN HS-MED PHYSIOLOGY	(144-N238)	17,319.00
31)	NEURAL INTEGRATION OF THE CARDIOVASCULAR REFLEXES FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 5 R01 HL22715-02 MSN HS-MED PHYSIOLOGY	(144-N239)	34,779.00
32)	POSTDOCTORAL FELLOWSHIP AWARD FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 1 F32 AM06263-01 MSN AG&LSC BIOCHEMISTRY	(144-N241)	13,000.00
33)	AUTONOMIC RECEPTORS OF THE PULMONARY VASCULATURE FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 5 R01 HL23209-02 MSN HS-PHR PHARMACY	(144-N243)	45,823.00
34)	RESEARCH CAREER DEVELOPMENT AWARD FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 5 K04 ES00039-05 MSN HS-MED ONCOLOGY	(144-N256)	33,379.00
35)	MOLECULAR CHARACTERIZATION OF BETA-ADRENERGIC RECEPTORS FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 5 R01 NS12392-05 MSN HS-MED PHARMACOLOGY	(144-N257)	66,777.00
36)	EFFECT OF ALUMINUM & TIN ON HUMAN MINERAL METABOLISM FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 1 R01 AM25666-01 MSN AG&LSC NUTRIT SCIENCES	(144-N258)	43,788.00
37)	IMMOBILIZED ENZYMES TO ALTER AND ANALYZE METABOLISM FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 2 R01 GM16133-12 MSN HS-MED MEDICINE	LAB-COMPUT (144-N261)	67,280.00
38)	COMPUTER AIDED MEDICAL DIAGNOSIS PROJECT FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 1 R23 LM03376-01 MSN HS-MED PREVENTIVE MED	(144-N269)	29,252.00

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| 39) | EFFECTS OF INSULIN ON HEXOSE TRANSPORT IN SARCOLEMMA
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 1 R23 AM26093-01
MSN HS-MED PHYSIOLOGY | (144-N270) | 41,180.00 |
| 40) | PROTEIN AND THROMBUS DEPOSITION ON VASCULAR GRAFTS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 RO1 HL21001-02
MSN ENGR ENGR EXPER STA CHEM ENGR | (144-N274) | 66,886.00 |
| 41) | KINETIC MECHANISMS OF ANTIBIOTIC INACTIVATING ENZYMES
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 2 RO1 AI11603-04
MSN HS-PHR PHARMACY | (144-N275) | 53,455.00 |
| 42) | POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 F32 HD05484-02
MSN HS-MED PEDIATRICS | (144-N276) | 14,900.00 |
| 43) | PHOTOCHEMISTRY OF ORGANIC MOLECULES
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 5 RO1 GM07487-19
MSN L&S CHEMISTRY | (144-N281) | 109,861.00 |
| 44) | A PRACTICAL SYNTHESIS OF DAUNOMYCIN
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 5 RO1 CA23837-02
MSN L&S CHEMISTRY | (144-N282) | 50,381.00 |
| 45) | J. ABEL AND THE DEVELOPMENT OF AMERICAN PHARMACOLOGY
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 1 RO1 LM03300-01
MSN HS-PHR PHARMACY | (144-N283) | 26,085.00 |
| 46) | HORMONAL REGULATION OF URIDINE UPTAKE IN ANIMAL CELLS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 1 RO1 AM25861-01
MSN L&S ZOOLOGY | (144-N284) | 51,441.00 |
| 47) | CHEMICAL SYNTHESIS OF OLIGOSACCHARIDES
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 2 RO1 AM10588-14
MSN AG&LSC BIOCHEMISTRY | (144-N285) | 65,295.00 |
| 48) | EFFECT OF AGE ON SULFUR AMINO ACID METABOLISM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 RO1 AM15227-08
MSN AG&LSC MEAT&ANIMAL SCI | (144-N286) | 42,026.00 |
| 49) | PROTON-TRANSLOCATING SECTOR OF E. COLI ATPASE COMPLEX
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 2 RO1 GM23105-04
MSN HS-MED PHYSIOLOG CHEM | (144-N287) | 60,781.00 |

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50)	INTESTINAL MUSCULAR FUNCTION IN DIABETES FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 2 R01 AM13927-10 MSN HS-MED MEDICINE	GASTROENT	(144-N289)	24,806.00
51)	STUDIES ON IMPROVING EFFICACY OF CLINICAL DECISION FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 5 R21 HS02112-02 MSN HS-MED PREVENTIVE MED		(144-N294)	35,811.00
52)	DEVELOPING COMMITMENT TO ALTRUISTIC BLOOD DONATION FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 1 R01 HL24425-01 MSN L&S SOCIOLOGY		(144-N296)	78,033.00
53)	NEUROGENETICS OF TS-PARALYTIC MUTANTS FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 1 R01 NS15390-01 MSN AG&LSC GENETICS		(144-N298)	69,941.00
54)	T LYMPHOCYTE-SPECIFIC IA ANTIGENS IN THE MOUSE FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 1 R01 AI15728-01 MSN AG&LSC BIOCHEMISTRY		(144-N299)	41,240.00
55)	CHEMISTRY/METABOLISM OF NATURAL ANTITUMOR COMPOUNDS FOR THE PERIOD 09-01-79 THROUGH 06-30-80 AWARD # 2 R01 CA17127-06 MSN HS-PHR PHARMACY		(144-N300)	42,638.00
56)	REGULATION OF PROLACTIN AND GROWTH HORMONE SYNTHESIS FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 1 R01 AM25694-01 MSN AG&LSC MEAT&ANIMAL SCI		(144-N301)	69,031.00
57)	PATHOGENESIS AND THERAPY OF BACTERIAL PROSTATITIS FOR THE PERIOD 08-01-79 THROUGH 07-31-80 AWARD # 5 R01 AM20474-03 MSN HS-MED SURGERY	UROLOGY	(144-N302)	56,053.00
58)	AUTONOMIC AND NEURAL CORRELATES OF OLFACTORY STIMULI FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 1 R01 NS15591-01 MSN HS-MED NEUROPHYSIOLOGY		(144-N318)	71,460.00
59)	URINARY BLADDER CARCINOGENESIS BY BRACKEN FERN FOR THE PERIOD 08-01-79 THROUGH 07-31-80 AWARD # 2 R26 CA14523-06A1 MSN HS-MED HUMAN ONCOLOGY	CLIN ONCOL	(144-N320)	141,889.00
60)	POSTDOCTORAL FELLOWSHIP AWARD FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # 1 F32 HD05873-01 MSN HS-MED PEDIATRICS		(144-N356)	15,200.00

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- 61) THE STRUCTURE AND ASSEMBLY OF THE 30S RIBOSOME
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 5 R01 GM24109-03
MSN GRAD MOLECULAR BIOL (144-N357) 129,124.00
- 62) EXERCISE, A MODALITY FOR BONE ACCRETION IN THE
AGED
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 1 R01 AG01029-01A1
MSN HS-MED PREVENTIVE MED (144-N359) 69,531.00
- 63) NEUROPHYSIOLOGY OF CHEMORECEPTORS IN CHRONIC
HYPOXIA
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 1 R01 HL24429-01
MSN HS-MED PREVENTIVE MED (144-N360) 49,871.00
- 64) THALAMIC CONNECTIONS
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 5 R01 NS13453-03
MSN HS-MED ANATOMY (144-N361) 34,765.00
- 65) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 F32 GM06491-02
MSN GRAD MOLECULAR BIOL (144-N362) 13,400.00
- 66) IMMUNOCHEMICAL STUDIES ON CARCINOGENIC MYCOTOXINS
FOR THE PERIOD 09-01-79 THROUGH 06-30-80
AWARD # 2 R01 CA15064-07
MSN AG&LSC FOOD MICRO&TOXIC (144-N373) 47,833.00
- 67) REGULATION OF LIPOGENESIS BY INSULIN AND GLUCAGON
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 5 R01 AM21148-03
MSN HS-MED PHYSIOLOG CHEM (144-N374) 57,407.00
- 68) MEASURING DIETARY FIBER
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 5 R01 AM21712-02
MSN AG&LSC NUTRIT SCIENCES (144-N375) 38,657.00
- 69) MECHANISM OF ACTION OF INTERFERON
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 1 R01 AI16356-01
MSN GRAD BIOPHYSICS (144-N376) 60,644.00
- 70) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 05-01-79 THROUGH 04-30-80
AWARD # 1 F32 GM06768-01
MSN AG&LSC GENETICS (144-N380) 13,800.00
- 71) ISOLATION OF FIBRONECTIN FOR THERAPEUTIC USE
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 1 R01 HL24885-01
MSN HS-MED MEDICINE HEMATOLOGY (144-N381) 86,137.00

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- 72) CONVERSION OF CHLORINE TO PHOSPHATIDYLCHLOLINE IN
PERFUSED LUNG
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 5 R01 HL22500-02
MSN HS-MED PEDIATRICS (144-N382) 31,024.00
10. HEALTH RESEARCH INC. AND NEW YORK STATE
DEPARTMENT OF HEALTH
BUFFALO, NY
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE
UW SYSTEM UNDER AGREEMENT FROM DHEW PHS NIH
EASTERN COOPERATIVE ONCOLOGY GROUP-OPERATIONS
OFFICE
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AT A TOTAL COST OF \$1,122.00
AWARD # 428M050
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-M890)
11. NORTHWESTERN MEMORIAL HOSPITAL
CHICAGO, IL
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE
UW SYSTEM UNDER AGREEMENT FROM DHEW PHS NIH
EASTERN COOPERATIVE ONCOLOGY GROUP OPERATIONS
OFFICE
FOR THE PERIOD 10-01-78 THROUGH 05-31-79
AT A TOTAL COST OF \$4,480.00
AWARD # 531K177
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-L539)
12. UNIVERSITY OF CHICAGO
CHICAGO, IL
PRIME CONTRACTOR WITH DHEW PHS NIH
ROLE OF SEX HORMONES IN MOUSE HEPATOCARCINOGENESIS
FOR THE PERIOD 04-01-79 THROUGH 03-31-80
AWARD # AGR DTD 07-18-79
MSN HS-MED PATHOLOGY (144-N383) 59,003.00
13. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHEW PHS NIH
CAPITAL MAINTENANCE OF NURSING HOMES
FOR THE PERIOD 06-01-79 THROUGH 06-30-80
AWARD # PO GAI 56192
MSN BUS BUSINESS, SCH OF (144-N303) 18,149.00
14. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHEW PHS NIH
INDEPENDENT MOBILITY TRAINING TO INCREASE THE
ACTIVITIES OF INDEPENDENT LIVING FOR DISABLED
INDIVIDUALS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # GAJ 86675
MSN EDUC STU IN BEHAV DIS (144-N366) 24,350.00



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15. UNIVERSITY OF ROCHESTER
ROCHESTER, NY
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE
UW SYSTEM UNDER AGREEMENT FROM DHEW PHS NIH
EASTERN COOPERATIVE ONCOLOGY GROUP-OPERATIONS
OFFICE
FOR THE PERIOD 06-01-79 THROUGH 08-31-79
AT A TOTAL COST OF \$22,808.00
AWARD # 428M072
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-M890)
16. MAYO FOUNDATION
ROCHESTER, MN
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE
UW SYSTEM UNDER AGREEMENT FROM DHEW PHS NIH
EASTERN COOPERATIVE ONCOLOGY GROUP-OPERATIONS
OFFICE
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AT A TOTAL COST OF \$8,424.00
AWARD # 531K915
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-M890)
17. HARRIS CORPORATION
MELBOURNE, FL
PRIME CONTRACTOR WITH DOD AF
PARTICIPATION IN THE DEVELOPMENT OF A SATELLITE
DATA HANDLING SYSTEM
FOR THE PERIOD 06-01-79 THROUGH 05-31-81
AWARD # 9017835
MSN GRAD SPACE SCI&ENG CT (144-N272) 97,367.00
18. DOD, ARMY
CHICAGO, IL
COMPUTER SERVICES IN CONNECTION WITH CONDUCTING A
STATISTICAL ANALYSIS OF DATA TAPES FROM A 1977
UPPER MISSISSIPPI RECREATION SURVEY
FOR THE PERIOD 06-11-79 THROUGH 09-30-79
AWARD # DACW23-79-M-0572
MSN AG&LSC NAT RESOURCES FORESTRY (144-N350) 5,210.71
19. DOD, ARMY
RESEARCH TRIANGLE PARK, NC
IN SUPPORT OF THE FOLLOWING:
- 1) TRANSFER OF INFRARED AND VISIBLE RADIATION THROUGH
CLOUDS OF FINITE HORIZONTAL AND VERTICAL EXTENT
FOR THE PERIOD 06-01-78 THROUGH 08-31-80
AT A TOTAL COST OF \$76,759.00
AWARD # DAAG29-78-G-0109, MOD. 3
MSN L&S METEOROLOGY (144-L549) 42,744.00
 - 2) DIESEL COMBUSTION ANALYSIS USING RAPID SAMPLING
TECHNIQUES
FOR THE PERIOD 07-01-78 THROUGH 06-30-80
AT A TOTAL COST OF \$103,930.00
AWARD # DAAG29-78-G-0146, MOD. 1
MSN ENGR ENGR EXPR STA MECH ENGR (144-L786) 41,328.00

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20. DOD, NAVY
ARLINGTON, VA
IN SUPPORT OF THE FOLLOWING:
- 1) A PHOTOIONIZATION STUDY BY CLUSTER SPECIES PRESENT
IN GAS VAPORS AND THOSE CREATED BY CONDENSATION
IN A SUPERSONIC MOLECULAR BEAM
FOR THE PERIOD 05-01-75 THROUGH 07-31-80
AT A TOTAL COST OF \$166,047.00
AWARD # N00014-75-C-0943, MOD. 5
MSN L&S CHEMISTRY (144-G263) 21,370.00
 - 2) ELECTRON SPECTROSCOPY STUDIES OF HETEROJUNCTION
INTERFACES
FOR THE PERIOD 06-01-77 THROUGH 05-31-80
AT A TOTAL COST OF \$97,000.00
AWARD # N00014-77-C-0474, MOD. 2
MSN ENGR ENGR EXPER STA MET & MIN (144-K284) 37,000.00
 - 3) CREATE AND DEVELOP IMPROVED STATISTICAL &
PROBABILISTIC METHODOLOGY INCLUDING, BUT NOT
LIMITED TO, METHODS OF PARAMETER ESTIMATION
FOR THE PERIOD 08-15-77 THROUGH 09-30-80
AT A TOTAL COST OF \$70,000.00
AWARD # N00014-77-C-0675, MOD. 2
MSN L&S STATISTICS (144-K556) 25,000.00
21. DEPARTMENT OF ENERGY
ARGONNE, IL
IN SUPPORT OF THE FOLLOWING:
- 1) INVESTIGATION OF RF HEATING FOR TANDEM MIRROR
EXPERIMENTS AND REACTORS
FOR THE PERIOD 10-01-77 THROUGH 09-30-80
AT A TOTAL COST OF \$1,612,000.00
AWARD # ET-78-C-02-4710, MOD. 4
MSN ENGR ENGR EXPER STA NUCL ENGR (144-K783) 30,000.00
 - 2) ALCOHOL AS A FUEL FOR FARM AND CONSTRUCTION
EQUIPMENT
FOR THE PERIOD 05-01-79 THROUGH 04-30-82
AWARD # DE-AC02-79CS50025
MSN ENGR ENGR EXPER STA MECH ENGR (144-N030) 100,000.00
22. ARGONNE NATIONAL LABORATORY
ARGONNE, IL
PRIME CONTRACTOR WITH DOE
LIDAR SYSTEM OPERATION IN CONJUNCTION WITH
CENTRAL ILLINOIS RAINFALL CHEMISTRY EXPERIMENT
FOR THE PERIOD 06-19-79 THROUGH 09-30-79
AWARD # 982716
MSN L&S METEOROLOGY (144-N230) 10,000.00
23. DEPARTMENT OF ENERGY
ARGONNE, IL
PREDICTION OF THE BEHAVIOR OF STRUCTURAL MATERIALS
UNDER IRRADIATION THROUGH MODELLING OF THE MICRO-
STRUCTURE
FOR THE PERIOD 04-01-79 THROUGH 10-31-79
AWARD # ER-78-S-02-4861
MSN ENGR ENGR EXPER STA NUCL ENGR (144-N323) 5,800.00

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24. UNIVERSITY OF CALIFORNIA, LAWRENCE LIVERMORE
LABORATORY
LIVERMORE, CA
PRIME CONTRACTOR WITH DOE
AUTOMOTIVE DATA ACQUISITION SYSTEM FREQUENCY DATA-
COLLECTION METHOD
FOR THE PERIOD 08-21-78 THROUGH 08-30-79
AT A TOTAL COST OF \$17,768.00
AWARD # 3167509, MOD. 3
MSN ENGR ENGR EXPER STA EL&COMPUT (144-M224) 2,168.00
25. ENVIRONMENTAL PROTECTION AGENCY
CINCINNATI, OH
EPIDEMIOLOGICAL STUDY OF KLEBSIELLA PNEUMONIAE
AMONG PAPER MILL WORKERS
FOR THE PERIOD 06-21-79 THROUGH 06-30-80
AWARD # C3043NAEX
MSN HS-MED PREVENTIVE MED (144-N264) 9,827.00
26. WI DEPT OF NATURAL RESOURCES
MADISON, WI
PRIME CONTRACTOR WITH EPA
FOX RIVER FLOW
FOR THE PERIOD 11-15-78 THROUGH 09-01-79
AT A TOTAL COST OF \$15,003.00
AWARD # AGR DTD 12-13-78, MOD. 2
MSN L&S STATISTICS (144-M529) 5,000.00
27. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
COAL FIRED STEAM PLANTS: HUMAN AND ENVIRONMENTAL
EXPOSURE TO AIR AND WATER POLLUTANTS
(ADMINISTRATION)
FOR THE PERIOD 07-21-78 THROUGH 07-20-79
AT A TOTAL COST OF \$579,697.00
AWARD # CR806878-01-1, MOD. 1
MSN GRAD WATER RESOURCES (144-L791) 550,000.00
28. INTERIOR DEPT. OF
RESTON, VA
BALTIMORE-WASHINGTON AREA LAND USE AND LAND
FOR THE PERIOD 05-01-79 THROUGH 09-30-79
AWARD # AGR DTD 05-01-79
MSN L&S GEOGRAPHY (144-N392) 3,000.00
29. JUSTICE LAW ENFORCEMENT ASSISTANCE ADM
WASHINGTON, DC
DOCTORAL DISSERTATION RESEARCH
FOR THE PERIOD 03-01-79 THROUGH 11-30-79
AWARD # 79-NT-AX-0012
MSN L&S SOCIAL WORK (144-M797) 7,345.00
30. GOVERNOR'S MANPOWER PLANNING OFFICE
MADISON, WI
PRIME CONTRACTOR WITH LABOR
PLANNING CONTRACT FOR STUDY OF PROGRAMS FOR
POTENTIAL DROPOUTS
FOR THE PERIOD 05-01-79 THROUGH 09-30-79
AWARD # GLAD-79-968
MSN EDUC WIS VOC STUDIES (144-N031) 55,734.00

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31. GOVERNOR'S EMPLOYMENT AND TRAINING OFFICE
MADISON, WI
PRIME CONTRACTOR WITH LABOR
TRAINING PACKAGE TO ENHANCE TRANSITION OF CETA-
ELIGIBLE WOMEN TO NON-TRADITIONAL EMPLOYMENT
FOR THE PERIOD 07-01-79 THROUGH 09-30-79
AWARD # GLAD-79-940
MSN EDUC WIS VOC STUDIES (144-N334) 17,853.00
32. LABOR, DEPT. OF
WASHINGTON, DC
RESEARCH ON THE LABOR MARKETS IMPACTS OF THE
EMPLOYMENT OPPORTUNITY PILOT PROJECTS
FOR THE PERIOD 04-27-79 THROUGH 11-14-79
AWARD # 20-55-79-30
MSN L&S INST-RES ON POV (144-N012) 374,883.00
33. NATIONAL AERONAUTICS & SPACE ADMIN.
WASHINGTON, DC
SUPPORTING STUDIES IN CLOUD IMAGE PROCESSING FOR
PLANETARY FLYBYS OF THE 1970'S
FOR THE PERIOD 01-01-72 THROUGH 03-31-80
AT A TOTAL COST OF \$151,083.00
AWARD # NGR-50-002-189, MOD. 8
MSN GRAD SPACE SCI&ENG CT (144-C683) 41,786.00
34. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
TRANSLATION OF BASAVAPURANA FROM TELUGU
FOR THE PERIOD 09-15-77 THROUGH 09-14-79
AT A TOTAL COST OF \$43,272.00
AWARD # RL-28224-77-1279, MOD. 1
MSN L&S SO ASIAN STUDIES (144-K816) 3,272.00
35. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
GRANT ADMINISTRATION AGREEMENT FOR A PERIOD
BEGINNING 06/01/79
AWARD # GAA-5
MSN L&S CHEMISTRY
36. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) BEHAVIOR AND ECOLOGY OF DEFENSE ADAPTATIONS
FOR THE PERIOD 02-01-77 THROUGH 01-31-82
AT A TOTAL COST OF \$75,000.00
AWARD # BNS77-04081, MOD. 1
MSN AG&LSC ENTOMOLOGY (144-J674) 29,000.00
- 2) A LAGRANGIAN ANALYSIS OF THE SURFACE FEATURES OF
THE KEWEENAW CURRENT
FOR THE PERIOD 01-01-77 THROUGH 06-30-80
AT A TOTAL COST OF \$44,720.00
AWARD # OCE76-82563, MOD. 1
MSN ENV ST MARINE STU CTR (144-J686) 11,020.00

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- 3) NONASSOCIATIVE ALGEBRA
FOR THE PERIOD 06-01-77 THROUGH 12-31-80
AT A TOTAL COST OF \$42,300.00
AWARD # MCS77-01724, MOD. 1
MSN L&S MATHEMATICS (144-J853) 7,300.00
- 4) METAL- AND NONMETAL- BORON COMPOUNDS
FOR THE PERIOD 09-01-77 THROUGH 02-28-81
AT A TOTAL COST OF \$150,600.00
AWARD # CHE77-15992, MOD. 2
MSN L&S CHEMISTRY (144-K541) 50,200.00
- 5) ROLE OF PLANT LECTINS IN DISEASE RESISTANCE
FOR THE PERIOD 09-01-77 THROUGH 02-28-81
AT A TOTAL COST OF \$144,000.00
AWARD # PCM77-09848, MOD. 2
MSN AG&LSC PLANT PATHOLOGY (144-K587) 44,000.00
- 6) SYNTHETIC AND MECHANISTIC STUDIES IN
ORGANOMETALLOID CHEMISTRY
FOR THE PERIOD 09-01-77 THROUGH 02-28-81
AT A TOTAL COST OF \$73,300.00
AWARD # CHE77-15988, MOD. 2
MSN L&S CHEMISTRY (144-K621) 25,700.00
- 7) THE MEASUREMENT AND METEOROLOGICAL SIGNIFICANCE
OF SAHARAN DUST AS OBSERVED BY GEOSYNCHRONOUS
SATELLITES
FOR THE PERIOD 12-01-77 THROUGH 11-30-80
AT A TOTAL COST OF \$115,500.00
AWARD # ATM77-11691, MOD. 1
MSN GRAD SPACE SCI&ENG CT (144-L033) 59,300.00
- 8) MICROWAVE AND ELECTROMAGNETIC HEATING OF AND
INTERACTION WITH PLASMAS IN LINEAR AND TOROIDAL
GEOMETRY
FOR THE PERIOD 12-15-77 THROUGH 05-31-80
AT A TOTAL COST OF \$119,000.00
AWARD # ENG77-14820, MOD. 1
MSN ENGR ENGR EXPR STA EL&COMPUT (144-L078) 61,000.00
- 9) LONGEVITY AND HEALTH IN VILCABAMBA, ECUADOR
FOR THE PERIOD 01-15-78 THROUGH 12-31-80
AT A TOTAL COST OF \$56,855.00
AWARD # BNS77-26860, MOD. 1
MSN HS-MED RADIOLOGY (144-L112) 26,673.00
- 10) STRUCTURING OF AQUATIC COMMUNITIES BY CRAYFISH
FOR THE PERIOD 03-01-78 THROUGH 02-29-80
AT A TOTAL COST OF \$60,762.00
AWARD # DEB77-22223, MOD. 1
MSN L&S ZOOLOGY (144-L277) 7,762.00
- 11) PUBLIC USE SAMPLE FILES FROM THE 1940 AND 1950
CENSUS OF POPULATION
FOR THE PERIOD 03-01-78 THROUGH 11-30-80
AT A TOTAL COST OF \$2,839,909.00
AWARD # SOC-7704135, MOD. 2
MSN L&S SOCIOLOGY (144-L438) 1,896,709.00

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| 12) | INFECTIOUS DISEASES OF ARCTIC AND SUBARCTIC BIRDS
FOR THE PERIOD 05-15-78 THROUGH 01-31-81
AT A TOTAL COST OF \$57,800.00
AWARD # DPP-7727234, MOD. 1
MSN AG&LSC VETERINARY SCI | (144-L834) | 28,600.00 |
| 13) | SUPPORT OF INTERDISCIPLINARY RESEARCH IN THE
MATHEMATICAL SCIENCES
FOR THE PERIOD 09-01-78 THROUGH 02-28-81
AT A TOTAL COST OF \$197,000.00
AWARD # MCS78-09525, MOD. 1
MSN L&S MATH RES CTR | (144-M045) | 95,000.00 |
| 14) | ANALYTICAL APPLICATIONS OF RARE EARTH LASER
SPECTROSCOPY
FOR THE PERIOD 03-15-79 THROUGH 08-31-80
AT A TOTAL COST OF \$112,554.00
AWARD # CHE-7825306, MOD. 1
MSN L&S CHEMISTRY | (144-M769) | 57,554.00 |
| 15) | THEORETICAL STUDIES OF THE MAGNETIC PROPERTIES
OF SOLIDS
FOR THE PERIOD 06-01-79 THROUGH 11-30-80
AWARD # DMR-7904154
MSN L&S PHYSICS | (144-N046) | 34,700.00 |
| 16) | DOCTORAL DISSERTATION RESEARCH IN GEOGRAPHY AND
ANTHROPOLOGY
FOR THE PERIOD 05-01-79 THROUGH 10-31-80
AWARD # SOC-7907845
MSN L&S GEOGRAPHY | (144-N070) | 9,406.00 |
| 17) | VOLUMES OF MIXING, CRYSTAL CHEMISTRY, AND P-T-X
CONTROLS ON THE COMPOSITIONAL RANGES OF SOME
IMPORTANT SOLID SOLUTION MINERALS OF PELTIC
SCHISTS
FOR THE PERIOD 06-01-79 THROUGH 11-30-80
AWARD # EAR-7902597
MSN L&S GEOL &GEOPHYSICS | (144-N083) | 49,400.00 |
| 18) | KINEMATICS AND DYNAMICS OF SLIDING IN FAULTED
ROCK
FOR THE PERIOD 07-01-79 THROUGH 12-31-80
AWARD # EAR-7904828
MSN L&S GEOL &GEOPHYSICS | (144-N187) | 22,800.00 |
| 19) | PALEOECOLOGICAL STUDIES OF PREDATOR-PREY
INTERACTIONS
FOR THE PERIOD 06-15-79 THROUGH 11-30-81
AWARD # DEB-7911781
MSN L&S ZOOLOGY | (144-N208) | 44,898.00 |
| 20) | ROTATIONAL EXCITATION CROSS-SECTIONS AND TRANSPORT
PROPERTIES OF GASES
FOR THE PERIOD 07-01-79 THROUGH 12-31-80
AWARD # CHE-7950005 (7905685)
MSN L&S CHEM LAB - THEOR | (144-N213) | 40,547.00 |

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| 21) | FRUGIVORY AND SEED DISPERSAL MECHANISMS IN A
TROPICAL RAINFOREST
FOR THE PERIOD 07-01-79 THROUGH 12-31-81
AWARD # DEB-7910991
MSN L&S ZOOLOGY | (144-N214) | 70,008.00 |
| 22) | STUDIES IN COMPUTER DIAGNOSIS AND FAULT-TOLERANCE
FOR THE PERIOD 08-01-79 THROUGH 01-31-82
AWARD # MCS-7909902
MSN ENGR ENGR EXPER STA EL&COMPUT | (144-N231) | 111,790.00 |
| 23) | THE ANALYSIS OF GENE FUNCTION AND REGULATION IN
BACTERIOPHAGE MU
FOR THE PERIOD 07-01-79 THROUGH 12-31-81
AWARD # PCM-7904055
MSN AG&LSC BACTERIOLOGY | (144-N244) | 108,348.00 |
| 24) | HABITAT, FISH COMMUNITY, AND RESOURCE UTILIZATION
IN SMALL NORTHERN LAKES
FOR THE PERIOD 07-01-79 THROUGH 12-31-80
AWARD # DEB-7912337
MSN L&S ZOOLOGY LIMNOL LAB | (144-N260) | 60,600.00 |
| 25) | PHOTOCHEMISTRY AND ELECTROCHEMISTRY OF
ORGANOMETALLIC LANTHANIDE AND ACTINIDE COMPLEXES
FOR THE PERIOD 07-15-79 THROUGH 12-31-80
AWARD # CHE-7950005 (7911218)
MSN L&S CHEMISTRY | (144-N307) | 50,000.00 |
| 26) | A MODULAR APPROACH TO THE DESIGN AND OPERATION OF
CHEMICAL PLANTS UNDER CONSIDERATION OF DYNAMIC
ASPECTS
FOR THE PERIOD 08-01-79 THROUGH 01-31-82
AWARD # ENG-7906353
MSN ENGR ENGR EXPER STA CHEM ENGR | (144-N328) | 75,060.00 |
| 27) | PURCHASE OF FLUORESCENCE-ACTIVATED CELL SORTER
FOR THE PERIOD 08-01-79 THROUGH 01-31-81
AWARD # PCM-7823357
MSN L&S ZOOLOGY | (144-N348) | 95,000.00 |
| 28) | NONLINEAR WAVE PROPAGATION
FOR THE PERIOD 08-01-79 THROUGH 01-31-82
AWARD # ENG-7909245
MSN ENGR ENGR EXPER STA EL&COMPUT | (144-N351) | 70,000.00 |
| 29) | SOLID STATE CHEMISTRY OF DEFECT SITES IN FLUORITE
CRYSTALS
FOR THE PERIOD 08-01-79 THROUGH 01-31-81
AWARD # DMR-7906788
MSN L&S CHEMISTRY | (144-N377) | 33,400.00 |
| 30) | CONTROLLING ELEMENTS IN MAIZE: AN EXAMINATION OF
THEIR EFFECT ON GENE FUNCTION
FOR THE PERIOD 08-15-79 THROUGH 01-31-81
AWARD # PCM-7910652
MSN AG&LSC GENETICS | (144-N379) | 52,526.00 |

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37.	MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL ACTIVITIES, INC. CHAMPAIGN, IL PRIME CONTRACTOR WITH STATE AID IMPROVED AGRICULTURAL EXTENSION PROJECT - CARIBBEAN REGION FOR THE PERIOD 06-10-79 THROUGH 07-07-79 AWARD # AGR DTD 06-13-79 MSN AG&LSC SOILS	(144-N129)	6,313.48
38.	MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL ACTIVITIES, INC. CHAMPAIGN, IL PRIME CONTRACTOR WITH STATE AID IMPROVED AGRICULTURAL EXTENSION PROJECT - CARIBBEAN REGION FOR THE PERIOD 06-24-79 THROUGH 07-07-79 AWARD # AGR DTD 06-13-79 MSN G E A INTL STU & PROG	(144-N156)	3,208.40
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND IN THE DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-A238)	9,500.00
40.	CANCER RESEARCH- MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	
	25.00	MULTIPLE DONORS IN MEMORY OF E. F. BOMMERSCHEIM	
	40.00	MULTIPLE DONORS IN MEMORY OF KENNETH F. STEFFEN, MADISON, WI	
	5.00	MULTIPLE DONORS IN MEMORY OF EUNICE CLARK	
	10.00	MULTIPLE DONORS IN MEMORY OF MRS. MARJORIE BAUMANN	
	7.50	MULTIPLE DONORS IN MEMORY OF MRS. SUZANNE HANSEN	
	3,137.78	MULTIPLE DONORS	
	5,000.00	FRATERNAL ORDER OF EAGLES PRAIRIE DU CHIEN, WI	
	3,250.00	BARABOO UNITED FUND BARABOO, WI	
	2,500.00	MARY CECELIA CAREY BELOIT, WI	
	73.00	AMERICAN CANCER SOCIETY WISCONSIN DIVISION, INC	
	78.00	MULTIPLE DONORS IN MEMORY OF MRS. ROSEMARY HEISER, MADISON, WI	
	95.00	MULTIPLE DONORS IN MEMORY OF ROBERT P. CHRISTIANSEN, DOUSMAN, WI	
	10.00	MULTIPLE DONORS IN MEMORY OF TODD HELGESON	
	5.00	MULTIPLE DONORS IN MEMORY OF TIM MCCLIMON, MADISON, WI	
	100.00	MULTIPLE DONORS IN MEMORY OF MARIE SCHY	
	45.00	MULTIPLE DONORS IN MEMORY OF ROBERT P. CHRISTIANSON, DOUSMAN, WI	
	10.00	MULTIPLE DONORS IN MEMORY OF MRS. VALBORG RATHBUN	

14,391.28

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41.	CANCER RESEARCH MSN HS-MED	(133-A251)	
	175.00	/ CEDAR GROVE AREA UNITED FUND CEDAR GROVE, WI	
	176.80	LOWVILLE CHARITIES FUND POYNETTE, WI	
	350.00	UNITED WAY OF SOUTH WOOD COUNTY WISCONSIN RAPIDS, WI	
			701.80
42.	HEART RESEARCH MSN HS-MED	(133-A252)	
	87.50	/ CEDAR GROVE AREA UNITED FUND CEDAR GROVE, WI	
	10.00	MULTIPLE DONORS IN MEMORY OF FRANK BUNCE, MADISON, WI	
			97.50
43.	HORICON UNITED COMMUNITY SERVICES HORICON, WI GENERAL MEDICAL RESEARCH MSN HS-MED	(133-A253)	650.00
44.	NAUTILUS RESEARCH CORPORATION MADISON, WI VICK'S RHINORHEOMETER STUDY MSN HS-MED PREVENTIVE MED	(133-A371)	5,500.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GYNECOLOGY AND OBSTETRICS RESEARCH AND DEVELOPMENT FUND MSN HS-MED GYNECOL & OBSTET	(133-A522)	20,137.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF OPHTHALMOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED OPHTHALMOLOGY	(133-A526)	20,411.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF DIAGNOSTIC RADIOLOGY MSN HS-MED RADIOLOGY	(133-A529)	35,493.96
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ANESTHESIOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED ANESTHESIOLOGY	(133-A532)	34,436.00

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49.	PROCTER AND GAMBLE COMPANY CINCINNATI, OH PROCTER AND GAMBLE FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR ENGR EXPER STA CHEM ENGR (133-A551)	7,900.00
50.	GENERAL FOODS FUND WHITE PLAINS, NY GENERAL FOODS CHAIR OF NUTRITION MSN AG&LSC NUTRIT SCIENCES (133-A610)	50,000.00
51.	AMERICAN STATISTICAL ASSOCIATION AND THE INSTITUTE OF MATHEMATICAL STATISTICS WASHINGTON, DC CURRENT INDEX TO STATISTICS: APPLICATIONS, THEORY AND METHODS MSN L&S STATISTICS (133-A705)	3,500.00
52.	MULTIPLE DONORS SOIL DECLOGGING RESEARCH MSN AG&LSC SOILS (133-A862)	40.00
53.	MERCK SHARP & DOHME RESEARCH LABORATORIES WEST POINT, PA GRADUATE RESEARCH MSN HS-PHR PHARMACY (133-A924)	6,000.00
54.	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
55.	LEACH FARMS, INC. BERLIN, WI EVALUATION OF QUALITY OF FRESH SLICED CELERY STORED IN BARRIER FILM PACKAGES MSN AG&LSC FOOD SCIENCE (133-B298)	4,325.00
56.	MULTIPLE DONORS INVESTIGATION OF HFM ULTRAFILTRATION MEMBRANE PERFORMANCE ON CHEESE WHEY ULTRAFILTRATION MSN AG&LSC FOOD SCIENCE (133-B330)	500.00
57.	HARTEL CORPORATION FT. ATKINSON, WI STUDY THE ACOUSTIC PROPERTIES OF FOOD SYSTEMS DURING THE PERIOD 01-01-78 THRU 12-31-79 AT A TOTAL COST OF \$39,500 MSN AG&LSC FOOD SCIENCE (133-B359)	6,750.00
58.	MULTIPLE DONORS IN MEMORY OF FLORENCE REYNOLDS, TULSA, OK HEART RESEARCH-CARDIOLOGY SECTION MSN HS-MED MEDICINE CARDIOLOGY (133-B379)	50.00

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59.	QUAKER OATS COMPANY CHICAGO, IL OAT BREEDING IN LESSER DEVELOPED COUNTRIES MSN AG&LSC AGRONOMY	(133-8387)	1,000.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARDIOPULMONARY STUDIES MSN AG&LSC VETERINARY SCI	(133-8408)	24,000.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LABOR AND MATERIAL FOR PLANTING RESTORATION MSN ARBOR ARBORETUM	(133-8471)	10.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEMONSTRATION PROJECT RELATED TO MEDICAL STAFF PARTICIPATION IN HOSPITAL COST SETTING AND COST CONTAINMENT ACTIVITIES MSN HS-MED PREVENTIVE MED	(133-8478)	2,000.00
63.	MULTIPLE DONORS ORCHARD FRUIT DISEASES AND THEIR CONTROL MSN AG&LSC PLANT PATHOLOGY	(133-8497)	750.00
64.	MULTIPLE DONORS FIELD CROP DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-8522)	500.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MCELVAIN RESEARCH ASSISTANTSHIP MSN L&S CHEMISTRY	(133-8605)	8,800.00
66.	PROPPER MANUFACTURING COMPANY L.I.C., NY SURGICAL BACTERIOLOGY RESEARCH FUND MSN HS-MED SURGERY GEN SURG	(133-8647)	1,100.00
67.	MULTIPLE DONORS ASTHMATIC RESEARCH MSN HS-MED	(133-8709)	100.00
68.	MULTIPLE DONORS INSECT CONTROL AND RESIDUE STUDIES ON VEGETABLE CROPS MSN AG&LSC ENTOMOLOGY	(133-8831)	500.00
69.	TAYLOR CHEESE OF WISCONSIN, INC BOSTON, MA SUSTAINING FUND FOR CHEESE RESEARCH INSTITUTE MSN AG&LSC FOOD SCIENCE	(133-8996)	1,902.40
70.	STATE OF WISCONSIN PUBLIC SERVICE COMMISSION MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 01-13-78 THRU 12-31-78 AT A \$5,460.19 LEVEL MSN ENGR ENGR EXPER STA NUCL ENGR	(133-C057)	2,932.20

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71. SMITH (A.O.) CORPORATION
MILWAUKEE, WI
RESEARCH ON FINITE ELEMENT TECHNOLOGY
MSN ENGR ENGR EXPER STA MECHANICS (133-C060) 5,500.00
72. AMERICAN CANCER SOCIETY, INC
NEW YORK, NY
AMERICAN CANCER SOCIETY JUNIOR FACULTY CLINICAL
FELLOWSHIP AWARD FOR THE PERIOD 07-01-78 THRU
06-30-80 AT A \$14,000 LEVEL
AWARD # JFCF#441
MSN HS-MED HUMAN ONCOLOGY (133-C211) 8,000.00
73. AMERICAN CANCER SOCIETY, INC
NEW YORK, NY
AMERICAN CANCER SOCIETY JUNIOR FACULTY CLINICAL
FELLOWSHIP AWARD FOR THE PERIOD 07-01-78 THRU
06-30-80 AT A \$14,000 LEVEL
AWARD # JFCF#463
MSN HS-MED HUMAN ONCOLOGY (133-C212) 8,000.00
74. ORE-IDA FOODS, INC
ONTARIO, OREGON
POTATO RESEARCH
MSN AG&LSC UNIV EXPTL FARMS HANCOCK (133-C235) 1,000.00
75. BOEHRINGER INGELHEIM LTD
BRIDGEFIELD, CT
ALUPENT RESEARCH STUDY (#E78-301)
MSN HS-MED MEDICINE ALLRGY&IMM (133-C421) 5,842.00
76. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
EXERCISE TESTING IN PERIPHERAL VASCULAR PATIENTS
MSN HS-MED SURGERY (133-C461) 6,528.00
77. FRANK M. GOLLOP
MADISON, WI
GRADUATE RESEARCH ASSISTANT SUPPORT
MSN L&S ECONOMICS (133-C467) 1,000.00
78. MULTIPLE DONORS
STUDY OF THE EFFECTS OF YOGURT ON BREAD
MSN AG&LSC FOOD SCIENCE (133-C733) 470.00
79. MULTIPLE DONORS
AVIAN ANTI-LYMPHOCYTE GLOBULIN RESEARCH
MSN HS-MED SURGERY (133-C788) 100.00
80. SOLAR ENERGY SOCIETY
ROCKVILLE, MD
SOLAR ENERGY TECHNICAL PROGRAM
MSN ENGR ENGR EXPER STA INTRDSC PR (133-C862) 557.21
81. MULTIPLE DONORS
LIVESTOCK AND MEAT DISTRIBUTION
MSN AG&LSC MEAT&ANIMAL SCI (133-C865) 909.85

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| 82. | LUTHER COLLEGE
DECORAH, IA
LITTER SAMPLE ANALYSIS
MSN ENV ST CTR FOR CLIM RES | (133-C880) | 500.00 |
| 83. | MULTIPLE DONORS
CORN INSECT RESEARCH
MSN AG&LSC ENTOMOLOGY | (133-C975) | 600.00 |
| 84. | GRANT (WILLIAM T) FOUNDATION
NEW YORK, NY
DEVELOPMENT OF SHORT-TIME PROCESSING AND
ATTENTIONAL SYSTEMS FOR THE PERIOD
07-01-79 THRU 06-30-80
MSN HS-MED PEDIATRICS | (133-D100) | 28,750.00 |
| 85. | MULTIPLE DONORS
PLANT BREEDING AND GENETICS OF VEGETABLE CROPS
MSN AG&LSC HORTICULTURE | (133-D117) | 950.00 |
| 86. | AMERICAN CANCER SOCIETY, INC
NEW YORK, NY
TUMOR INDUCED AND LYMPHOCYTE-INDUCED ANGIOGENESIS
FOR THE PERIOD 07-01-79 THRU 06-30-80
AWARD # IM-102B
MSN L&S ZOOLOGY | (133-D139) | 87,500.00 |
| 87. | AMERICAN CANCER SOCIETY, INC
NEW YORK, NY
BIOSYNTHESIS AND ASSEMBLY OF SMALL RNA VIRUSES
FOR THE PERIOD 07-01-79 THRU 06-30-80
AWARD # MV-331
MSN GRAD BIOPHYSICS | (133-D141) | 70,000.00 |
| 88. | AMYTROPHIC LATERAL SCLEROSIS SOCIETY OF AMERICA
SHERMAN OAKS, CA
RNA IN NEURONS OF PATIENTS WITH ALS
FOR THE PERIOD 07-01-79 THRU 12-31-80
MSN HS-MED PATHOLOGY | (133-D142) | 46,500.00 |
| 89. | MERCK COMPANY FOUNDATION
RAHWAY, NJ
MERCK GRANT FOR FACULTY DEVELOPMENT
MSN AG&LSC BACTERIOLOGY | (133-D144) | 10,000.00 |
| 90. | BLANEY FARMS, INC
MADISON, WI
COMPARE WAXY CORN AND REGULAR YELLOW DENT
CORN AS A BROILER RATION
MSN AG&LSC POULTRY SCIENCE | (133-D146) | 500.00 |
| 91. | STATE OF WISCONSIN
DEPARTMENT OF HEALTH AND SOCIAL SERVICES
DIVISION OF HEALTH
MADISON, WI
ASSIST IN EFFORTS TO IMPLEMENT CRITICAL CHANGES
IN THE CONDUCT OF THE NURSING HOME REVIEW
FUNCTIONS FOR THE PERIOD 07-01-79 THRU 06-30-80
MSN ENGR ENGR EXPR STA INDUS ENGR | (133-D147) | 26,800.00 |

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92.	NEKOOSA PAPERS, INC PORT EDWARDS, WI EXTERNAL STORAGE OF WET LAP PULP MSN ENGR ENGR EXPR STA CHEM ENGR	(133-D149)	9,525.00
93.	STATE OF WISCONSIN DEPARTMENT OF HEALTH AND SOCIAL SERVICES MADISON, WI PREVENTION AND WELLNESS PROMOTION PROJECT FOR THE PERIOD 06-28-79 THRU 06-27-80 MSN HS-PSY PSYCHIATRIC INST	(133-D150)	20,000.00
94.	STATE OF WISCONSIN DEPARTMENT OF HEALTH AND SOCIAL SERVICES MADISON, WI HOME EQUITY DISSAVING FOR OLDER HOMEOWNERS FOR THE PERIOD 06-01-79 THRU 06-30-80 AWARD # P.O.# GA I26907 P MSN BUS BUSINESS, SCH OF	(133-D151)	10,000.00
95.	STATE OF WISCONSIN DEPARTMENT OF HEALTH AND SOCIAL SERVICES MADISON, WI HOME EQUITY DISSAVING FOR OLDER HOMEOWNERS FOR THE PERIOD 06-01-79 THRU 06-30-80 AWARD # P.O.# GA I 26906 P MSN L&S INST-RES ON POV	(133-D152)	10,000.00
96.	STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI COOPERATIVE AGREEMENT - FOREST NURSERY SOIL FERTILITY FOR THE PERIOD 07-01-79 THRU 06-30-80 MSN AG&LSC SOILS	(133-D180)	11,048.00
97.	BURROUGHS WELLCOME FUND RESEARCH TRIANGLE PARK, NC WELLCOME RESEARCH TRAVEL GRANT MSN HS-MED MEDICINE GEN MED	(133-D182)	2,800.00
98.	SANDOZ, INC E. HANOVER, NJ ZADITEN, STUDY #3 MSN HS-MED MEDICINE GEN MED	(133-D185)	42,450.00
99.	BIO-BASICS INTERNATIONAL CORP NEW YORK, NY STUDY OF NEW DRUG "INDOPAMIDE" MSN HS-MED MEDICINE GEN MED	(133-D186)	12,000.00
100.	GREAT LAKES FISHERIES COMMISSION ANN ARBOR, MI ENVIRONMENTAL RESEARCH RELATED TO FISHERIES AND AQUATIC SYSTEMS MSN L&S ZOOLOGY	(133-D190)	327.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

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101.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY NEUROTROPHIC FACTORS IN SENILE AND DYSTROPHIC ANIMALS FOR THE PERIOD 07-01-79 THRU 06-30-80 MSN HS-MED ANATOMY (133-D191)	11,664.00
102.	AMERICAN HEART ASSOCIATION WISCONSIN AFFILIATE, INC MILWAUKEE, WI POST-DOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-79 THRU 06-30-80 MSN HS-MED ANATOMY (133-D192)	10,000.00
6 103.	AMERICAN CANCER SOCIETY, INC NEW YORK, NY CELL SURVIVAL AND ONCOGENESIS AFTER IRRADIATION IN VITRO: THYROID EPITHELIUM FOR THE PERIOD 07-01-79 THRU 06-30-80 AWARD # PDT-86A MSN HS-MED HUMAN ONCOLOGY (133-D193)	85,000.00
104.	GENERAL DYNAMICS FORT WORTH, TX FEASIBILITY STUDY FOR THE DEVELOPMENT OF A COMPUTER CONTROLLED GRINDING MACHINE FOR CARBIDE DRILLS AWARD # P.O.# 628826 MSN ENGR ENGR EXPER STA MECH ENGR (133-D199)	10,520.00
105.	OHIO MEDICAL PRODUCTS DIVISION, AIRCO, INC MADISON, WI SOLID STATE DEVICE RESEARCH FOR THE PERIOD 09-01-79 THRU 08-31-80 MSN ENGR ENGR EXPER STA EL&COMPUT (133-D200)	30,500.00
106.	STATE OF WISCONSIN DEPARTMENT OF HEALTH AND SOCIAL SERVICES MADISON, WI PREVENTION AND WELLNESS PROMOTION PROJECT FOR THE PERIOD 06-26-79 THRU 06-25-81 MSN HS-MED GENETICS (133-D203)	70,000.00
7 107.	AMERICAN CANCER SOCIETY, INC NEW YORK, NY AMERICAN CANCER SOCIETY JUNIOR FACULTY CLINICAL FELLOWSHIP FOR THE PERIOD 07-01-79 THRU 06-30-80 MSN HS-MED HUMAN ONCOLOGY (133-D206)	6,000.00
108.	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI SOYBEAN RESEARCH MSN AG&LSC AGRONOMY (133-D208)	1,500.00
109.	SEWERAGE COMMISSION OF THE CITY OF MILWAUKEE MILWAUKEE, WI EVALUATE THE EFFECT OF FIELD-SCALE LAND APPLICATION OF LIQUID SLUDGE ON CROPS, SOILS AND GROUND WATER ON THE WALWORTH COUNTY FARM FOR THE PERIOD 07-01-79 THRU 06-30-80 MSN AG&LSC SOILS (133-D209)	25,000.00

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110.	SEWERAGE COMMISSION OF THE CITY OF MILWAUKEE MILWAUKEE, WI EVALUATE THE EFFECT OF LAND APPLICATION OF DEWATERED AND LIQUID SLUDGE ON PLANTS(CORN) AND SOIL AT THE MILWAUKEE COUNTY INSTITUTION GROUNDS FOR THE PERIOD 07-01-79 THRU 03-01-80 MSN AG&LSC SOILS	(133-D210)	13,500.00
111.	CORPORATE ADVANCED HARVESTING SYSTEMS INTERNATIONAL HARVESTER COMPANY MILLSIDE, IL FORAGE MACERATOR PERFORMANCE AS AFFECTED BY CONFIGURATION AND DIMENSIONS FOR THE PERIOD 07-01-79 THRU 01-01-80 MSN AG&LSC ENGR (AGR)	(133-D211)	5,675.00
112.	STERLING-WINTHROP RESEARCH INSTITUTE RENSSELAER, NY AMIPAQUE EPIDUROGRAPHY INVESTIGATION MSN HS-MED RADIOLOGY	DIAGNOSTIC (133-D213)	10,002.00
113.	ASTHMA & ALLERGY FOUNDATION OF AMERICA NEW YORK, NY FELLOWSHIP & FUNCTIONAL MEASUREMENT OF PHARMACOLOGICAL RECEPTORS OF THE SMALL AIRWAYS IN THE HUMAN TRACHEOBRONCHIAL TREE MSN HS-MED MEDICINE	(133-D214)	5,000.00
114.	EVINRUDE (OLE) FOUNDATION WAUKEGAN, IL DEFRAY EXPENSES INCURRED IN CONNECTION WITH THE OLE EVINRUDE FELLOWSHIP GRANT DURING THE 1979-80 ACADEMIC YEAR MSN ENGR MECHANICAL ENGR	(133-0235)	6,000.00
115.	MULTIPLE DONORS STUDY THE ACOUSTIC PROPERTIES OF FOOD SYSTEMS MSN AG&LSC FOOD SCIENCE	(133-2415)	54.00
116.	BORDEN, INC ELGIN, IL STUDY OF BASIC AND CLINICAL ASPECTS OF EXPERIMENTAL FLOURINE TOXICOSIS MSN AG&LSC BIOCHEMISTRY	(133-3220)	3,000.00
117.	PROCTER & GAMBLE COMPANY CINCINNATI, OH SUPPORT RESEARCH IN THE DEPARTMENT OF BIOCHEMISTRY MSN AG&LSC BIOCHEMISTRY	(133-3678)	5,500.00
118.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	
	2,000.00	BASF WYANDOTTE CORPORATION PARSIPPANY, NJ	
	800.00	MULTIPLE DONORS	
			2,800.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

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119.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC	(133-5328)	200,000.00
120.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED	(133-5671)	99.00
121.	UNION CARBIDE CORPORATION NEW YORK, NY SUPPORT GRADUATE RESEARCH IN ECONOMIC GEOLOGY MSN L&S GEOL &GEOPHYSICS	(133-5933)	2,000.00
122.	NEW ENGLAND NUCLEAR CORPORATION BOSTON, MA SUPPORT OF RESEARCH IN DEPARTMENT OF PHARMACOLOGY MSN HS-MED PHARMACOLOGY	(133-6748)	18,958.35
123.	CEDAR GROVE AREA UNITED FUND CEDAR GROVE, WI BIRTH DEFECTS RESEARCH MSN HS-MED	(133-6813)	87.50
124.	SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	
	1,500.00 VELSICOL CHEMICAL CORPORATION CHICAGO, IL		
	2,000.00 MULTIPLE DONORS		
			3,500.00
125.	MULTIPLE DONORS RESEARCH ON FRUIT INSECT CONTROL MSN AG&LSC ENTOMOLOGY	(133-7444)	500.00
x 34 126.	WISCONSIN CANNERS & FREEZERS ASSOCIATION MADISON, WI STUDIES WITH INSECTICIDES ON BEANS, POTATOES, AND CABBAGE MSN AG&LSC ENTOMOLOGY	(133-7594)	1,000.00
127.	RESEARCH TO PREVENT BLINDNESS, INC. NEW YORK, NY DISCRETIONARY GRANT IN THE DEPARTMENT OF OPHTHALMOLOGY MSN HS-MED OPHTHALMOLOGY	(133-8048)	7,500.00
128.	MULTIPLE DONORS MUSCLE BIOLOGY LABORATORY PROGRAMS MSN AG&LSC INSTIT MUSCL BIO	(133-8134)	18.13
129.	MONSANTO AGRICULTURAL PRODUCTS COMPANY ST. LOUIS, MO GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-8218)	2,000.00

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RESEARCH

130.	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)	47,104.69
131.	MULTIPLE DONORS MATERIAL PROPERTIES RESEARCH MSN ENGR ENGR EXPER STA MECHANICS (133-8859)	320.00
132.	MULTIPLE DONORS HERBICIDE RESEARCH PROGRAM MSN AG&LSC AGRONOMY (133-9070)	250.00
133.	WISCONSIN CANNERS AND FREEZERS ASSOCIATION MADISON, WI METHODS OF IMPROVING WISCONSIN CARROTS USED FOR PROCESSING AND FRESH MARKETS, PARTICULARLY BY BREEDING BETTER STRAINS OF THIS VEGETABLE WITH EMPHASIS ON DISEASE RESISTANCE IN HYBRIDS MSN AG&LSC HORTICULTURE (133-9251)	8,500.00
134.	MULTIPLE DONORS IN MEMORY OF ANTHONY R. CURRERI, MADISON, WI SUPPORT CANCER RESEARCH IN THE CLINICAL CANCER CENTER MSN HS-MED HUMAN ONCOLOGY (133-9268)	25.00
135.	BRUNSWICK FOUNDATION SKOKIE, IL BRUNSWICK FOUNDATION FELLOWSHIP IN THE DEPARTMENT OF MECHANICAL ENGINEERING MSN ENGR ENGR EXPER STA MECH ENGR (133-9631)	1,407.00
136.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY RESEARCH CENTER OPERATING GRANT MSN ENGR ENGR EXPER STA MECHANICS (133-9653)	1,000.00
137.	ENGINEERING EXPERIMENT STATION DIRECTOR'S DISCRETIONARY ACCOUNT MSN ENGR ENGR EXPER STA ADMIN (133-9890)	
	500.00 NEKOOSA PAPERS, INC PORT EDWARDS, WI	
	700.00 GENERAL DYNAMICS FORT WORTH, TX	
	500.00 SMITH (A.O.) CORPORATION MILWAUKEE, WI	
		1,700.00

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UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE WORK-STUDY PROGRAM (FEDERAL SHARE)
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # P007914553
MSN G SERV FELLOWS & SCHOLS (145-0179) 93,787.00
2. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
DOCTORAL DISSERTATION RESEARCH ABROAD
THIS PROJECT ALSO INCLUDES INDIAN AND PAKISTANI
RUPEES, THE EQUIVALENT OF \$57,685 TO BE USED IN
INDIA AND PAKISTAN. THIS REPRESENTS A REDUCTION
OF \$4130 EQUIVALENT IN RUPEES.
FOR THE PERIOD 07-01-78 THROUGH 12-31-79
AT A TOTAL COST OF \$141,377.00
AWARD # G007802521, MOD. 3
MSN GRAD (144-L809)
3. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
LLOYD G. LARSON SCHOLARSHIP FUND
MSN G SERV FELLOWS & SCHOLS (133-A603) 950.00
4. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
ROBERT AND ELAINE POTT FOUNDATION SCHOLARSHIP FOR
DESERVING ENGINEERING UNDERGRADUATES
MSN ENGR ADMINISTRATION (133-A715) 500.00
5. WAYNE W. WILKE
WAUKESHA, WI
WAYNE W. WILKE SCHOLARSHIP FOR A GRADUATE STUDENT
STUDYING EITHER FOR THE M.S. OR PH.D. DEGREE IN
THE AREAS OF DAIRY CHEMISTRY OR DAIRY
MANUFACTURING IN THE DEPARTMENT OF FOOD SCIENCE
MSN AG&LSC ADM-RESID INSTR (133-A888) 1,000.00
6. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
WARREN JOLLYMORE MEMORIAL SCHOLARSHIP AWARD
MSN ATH GENERAL OPERATNS ADMIN (133-B634) 200.00
7. PHILLIPS PETROLEUM COMPANY
BARTLESVILLE, OK
PHILLIPS FELLOWSHIP IN THE DEPARTMENT OF
CHEMICAL ENGINEERING
AWARD # NIE-196-77
MSN ENGR CHEMICAL ENGR (133-B655) 7,000.00
8. CROW'S HYBRID CORN COMPANY
MILFORD, IL
CROW'S HYBRID CORN AGRICULTURAL SCHOLARSHIPS
MSN AG&LSC ADM-RESID INSTR (133-C924) 1,200.00

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UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

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| 9. | CHICAGO BRIDGE & IRON COMPANY
OAK/BROOK, IL
UNDERGRADUATE SCHOLARSHIPS IN MECHANICAL
ENGINEERING
MSN G SERV FELLOWS & SCHOLS | (133-D189) | 1,000.00 |
| 10. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
WISCONSIN EASTERN ALUMNI SCHOLARSHIP FUND
MSN G SERV FELLOWS & SCHOLS | (133-0541) | 2,189.00 |
| 11. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
DAVID N. SCHREINER MEMORIAL SCHOLARSHIP FUND
MSN G SERV FELLOWS & SCHOLS | (133-0846) | 3,100.00 |
| 12. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
EDITH & MICHAEL AGAZIM MEMORIAL SCHOLARSHIP
MSN G SERV FELLOWS & SCHOLS | (133-2624) | 1,484.50 |
| 13. | HARRY J. GRANT FOUNDATION
MILWAUKEE, WI
SCHOOL OF JOURNALISM AND MASS COMMUNICATION
SCHOLARSHIP AID
MSN L&S JOURN&MASS COMM | (133-4740) | 6,600.00 |
| 14. | PROCTER & GAMBLE COMPANY
CINCINNATI, OH
GRADUATE FELLOWSHIP IN CHEMISTRY
MSN GRAD L&S CHEMISTRY | (133-4944) | 5,000.00 |
| 15. | FS SERVICES
BLOOMINGTON, IL
UNDERGRADUATE SCHOLARSHIPS IN AGRICULTURE
MSN AG&LSC ADM-RESID INSTR | (133-5208) | 800.00 |
| 16. | SUPREME COUNCIL 33 DEGREE ANCHIENT ACCEPTED
SCOTTISH RITE
BOSTON, MA
LEON M. ABBOTT SCHOLARSHIP IN THE SCHOOL OF
JOURNALISM
MSN L&S JOURN&MASS COMM | (133-5453) | 1,400.00 |
| 17. | WISCONSIN APPLE & HORTICULTURAL COUNCIL
OAK CREEK, WI
SCHOLARSHIP FUND IN AGRICULTURE
MSN AG&LSC ADM-RESID INSTR | (133-5594) | 100.00 |
| 18. | LAKE GENEVA GARDEN CLUB FOUNDATION, INC
LAKE GENEVA, WI
HELEN McDONALD SCHOLARSHIP
MSN AG&LSC ADM-RESID INSTR | (133-5665) | 500.00 |
| 19. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
HENRY J. MCCORMICK MEMORIAL SCHOLARSHIP
MSN G SERV FELLOWS & SCHOLS | (133-6076) | 1,100.00 |

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STUDENT AID

20.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JIMMY DEMETRAL SCHOLARSHIP AWARD MSN G SERV FELLOWS & SCHOLS	(133-7664)	275.00
21.	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)	1,961.28
22.	AMERICAN INSTITUTE OF REAL ESTATE APPRAISERS CHICAGO, IL AMERICAN INSTITUTE OF REAL ESTATE APPRAISERS GRADUATE SCHOLARSHIP AWARDS MSN BUS BUSINESS, SCH OF	(133-9913)	1,500.00
	TOTAL MADISON		<u>15,256,493.47</u>

INSTRUCTION	2,918,263.00
LIBRARIES	796.00
MISCELLANEOUS	267,379.23
RESEARCH	11,938,408.46
STUDENT AID	131,646.78



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UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

1. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH
ROCKVILLE, MD
SOCIAL WORK FOR NATIVE AMERICANS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 T03 MHI5666-02
MIL S WELF SOCIAL WELFARE (144-N263) 95,566.00
2. DHEW, PHS, HEALTH RESOURCES ADMIN.
HYATTSVILLE, MD
IN SUPPORT OF THE FOLLOWING:
 - 1) OCCUPATIONAL HEALTH TRAINING IN ARTHRITIS
FOR THE PERIOD 10-01-79 THROUGH 06-30-80
AWARD # 5D12AH90149
MIL A H P ADMINISTRATION ADMIN (144-N311) 36,114.00
 - 2) ALLIED HEALTH SPECIAL IMPROVEMENT: MEDICAL
TECHNOLOGY AND MEDICAL RECORD ADMINISTRATION
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5D12AH60038-05
MIL A H P ADMINISTRATION ADMIN (144-N312) 9,941.00
 - 3) ALLIED HEALTH SPECIAL IMPROVEMENT MEDICAL
TECHNOLOGY
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5D12AH60039-05
MIL A H P ADMINISTRATION ADMIN (144-N313) 23,366.00
 - 4) A PROGRAM IN GERONTOLOGICAL/COMMUNITY HEALTH
NURSING
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 1D23NU00139-01
MIL NURS NURSING (144-N349) 70,728.00
3. DHEW, SOCIAL & REHABILITATION SERVICE
CHICAGO, IL
LONG TERM TRAINING GRANT IN REHABILITATION
COUNSELING
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 44-P-25134/5-15
MIL EDUC EDUC PSYCHOLOGY (144-N345) 65,608.00

MISCELLANEOUS

1. NATIONAL ASSOCIATION OF COLLEGE AND UNIVERSITY
BUSINESS OFFICERS
WASHINGTON, D.C.
AN INSTITUTIONAL AWARD FOR ENTRY IN THE 1979
NACUBO COST REDUCTION PROGRAM
MIL ADM AF FACILITIES DIR OFFICE (133-C640) 100.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

1. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
 - 1) BIOMEDICAL RESEARCH SUPPORT GRANT
FOR THE PERIOD 04-01-79 THROUGH 03-31-80
AWARD # 5 S07 RR07181-02
MIL GRAD DEANS OFFICE ADMIN (144-M837) 1,291.00
 - 2) ESTIMATORS AND TESTS FOR CENSORED SURVIVAL DATA
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 R01 GM23129-04
MIL L&S MATH SCIENCES (144-N387) 9,054.00
2. DEPARTMENT OF ENERGY
WASHINGTON, DC
THE INTERACTION OF LOW ENERGY ELECTRONS WITH
SURFACE LATTICE VIBRATIONS
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AWARD # DE-AC02-79ER10431
MIL L&S PHYSICS (144-N346) 37,675.00
3. STATE DEPARTMENT OF ADMINISTRATION
DIVISION OF PLANNING AND BUDGET
MADISON, WI
PRIME CONTRACTOR WITH HUD
SERVICE SHARING STUDY
FOR THE PERIOD 05-15-79 THROUGH 06-30-79
AWARD # ADI-02763
MIL L&S ECONOMICS (144-N209) 6,013.63
4. STATE HISTORICAL SOCIETY OF WISCONSIN
MADISON, WI
PRIME CONTRACTOR WITH INTER
SURVEY OF HISTORIC ENGINEERING AND INDUSTRIAL
SITES IN MILWAUKEE (MENOMONEE VALLEY)
FOR THE PERIOD 11-15-78 THROUGH 11-30-79
AWARD # PO HSI-713
MIL L&S CULT & TECH ST (144-M459) 11,000.00
5. NATIONAL SCIENCE FOUNDATION
WASHINGTON, D.C.
IN SUPPORT OF THE FOLLOWING:
 - 1) INTERNATIONAL COOPERATIVE RESEARCH ON THE
HYDRODYNAMICS OF ICE RESISTANCE
FOR THE PERIOD 01-01-77 THROUGH 12-31-79
AWARD # ENG76-00354-A02
MIL ENG&AS CIVIL ENGINEERG (144-J518) 9,180.00
 - 2) A SATELLITE STUDY OF MONSOON DISTURBANCES IN
THE ARABIAN SEA AND THE BAY OF BENGAL DURING
SUMMER MONEX
FOR THE PERIOD 05-01-79 THROUGH 04-30-80
AWARD # ATM-7901981
MIL L&S GEOLOGICAL SCI ATM SC-GEN (144-N207) 11,345.00

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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

6. WISCONSIN DEPARTMENT OF NATURAL RESOURCES
MADISON, WI
AN ARCHAEOLOGICAL SURVEY OF THE BONG RECREATION
AREA
AWARD # PD NRJ 91133
MIL L&S ANTHROPOLOGY (133-C639) 2,000.00
7. ALRON ENGINEERING & TESTING CORP.
MEMONOME FALLS, WI
TRIAXIAL TESTING
MIL ENG&AS CIVIL ENGINEERG (133-9372) 400.00

STUDENT AID

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, D.C.
COLLEGE WORK STUDY PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008014554
MIL SS&S P STUDENT SERVICES FIN AID (145-4180) 948,956.00
2. DHEW, OFFICE OF EDUCATION
WASHINGTON, D.C.
IN SUPPORT OF THE FOLLOWING:
- 1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
(INITIAL)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008034554
MIL SS&S P STUDENT SERVICES FIN AID (146-4009) 626,486.00
- 2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
(CONTINUING)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008044554
MIL SS&S P STUDENT SERVICES FIN AID (146-4010) 780,282.00
3. DHEW, OFFICE OF EDUCATION
WASHINGTON, D.C.
BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008002948
MIL SS&S P STUDENT SERVICES FIN AID (148-B080) 2,568,772.00
4. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) NATIONAL DIRECT STUDENT LOAN (ADMINISTRATIVE
AFFAIRS ACCOUNT)
FOR THE PERIOD 07-01-79 THROUGH 06-30-81
AWARD # P008024554
MIL ADM AF ASST CHAN OFFICE (144-N250) 12,320.00

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UNIVERSITY OF WISCONSIN - MILWAUKEE

STUDENT AID

2) NATIONAL DIRECT STUDENT LOAN (STUDENT SERVICES ADMINISTRATIVE ACCOUNT) FOR THE PERIOD 07-01-79 THROUGH 06-30-81 AWARD # P008024554 MIL SS&S P STUDENT SERVICES AST CHNCLR (144-N251)	12,320.00
3) COLLEGE WORK STUDY (ADMINISTRATIVE ACCOUNT) FOR THE PERIOD 07-01-79 THROUGH 06-30-81 AWARD # P008014554 MIL SS&S P STUDENT SERVICES AST CHNCLR (144-N252)	47,447.00
4) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS (ADMINISTRATIVE ACCOUNT) FOR THE PERIOD 07-01-79 THROUGH 06-30-81 AWARD # P008034554 MIL SS&S P STUDENT SERVICES AST CHNCLR (144-N253)	56,270.00
5) VETERANS COST OF INSTRUCTION APPLICATION FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # P0079550293 MIL SS&S P AC SUP-MIN DISAD (144-N388)	31,176.00
TOTAL MILWAUKEE	5,473,410.63 =====
INSTRUCTION	301,323.00
MISCELLANEOUS	100.00
RESEARCH	87,958.63
STUDENT AID	5,084,029.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - GREEN BAY

INSTRUCTION

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) SPECIAL SERVICES PROJECT
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # G057700125 MOD 4
GBY UG STU SKILLS LEARNG PR (144-N293) 135,837.00
 - 2) VETERAN'S COST-OF-INSTRUCTION PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P007955053
GBY REGSTR REGISTRAR (144-N386) 6,810.00

MISCELLANEOUS

1. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEW
THE MORAL AND ETHICAL IMPLICATIONS OF BIOMEDICAL
DEVELOPMENTS - A PROGRAM ON PUBLIC POLICY AND
SOCIAL CONCERNS
FOR THE PERIOD 07-01-79 THROUGH 03-31-80
AWARD # G-FY78-117(P)
GBY R-I PR URBAN CONSORTIUM URBAN CNSRT (144-N342) 12,990.00
2. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
UW-GREEN BAY DEVELOPMENT OFFICE EXPENSE FUND
GB G E A CHANCELLORS OFF ADMIN (133-A351) 164.05
3. MULTIPLE DONORS
SCHOOL SERVICES BUREAU
GBY COM PR SCH UNIV PROGS (133-C550) 859.40

RESEARCH

1. DHEW, OFFICE OF EDUCATION
MADISON, WI
PUBLIC AWARENESS OF WATER QUALITY ISSUES IN
NORTHEASTERN WISCONSIN
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 003-19
GBY COM SC URBAN ANALYSIS (144-N169) 9,323.00

TOTAL GREEN BAY

165,983.45
=====INSTRUCTION
MISCELLANEOUS
RESEARCH142,647.00
14,013.45
9,323.00

GIFTS, GRANTS AND CONTRACTS
AUG 10, 1979

UNIVERSITY OF WISCONSIN - PARKSIDE

INSTRUCTION

- 1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
VETERANS COST-OF-INSTRUCTION PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P007955055
PKS ED SVC COMMUN STU SVCS (144-N393) 8,170.00
- 2. MULTIPLE DONORS
SEMINAR EXPENSES-ECONOMIC EDUCATION
PKS ACAD C ACADEMIC CENTERS ECON ED& R (133-C206) 40.00

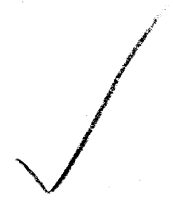
MISCELLANEOUS

- 1. TRI-COUNTY EMPLOYMENT AND TRAINING CONSORTIUM
KENOSHA, WI
PRIME CONTRACTER WITH LABOR
CETA LTE PROGRAM
FOR THE PERIOD 12-18-77 THROUGH 09-30-79
AT A TOTAL COST OF \$382,435.71
AWARD # NONE
PKS (144-L184) 65,515.00
- 2. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTER WITH NEW
OUT OF THIS WORLD: SCIENCE FICTION FILM SERIES
FOR THE PERIOD 06-06-79 THROUGH 12-31-79
AWARD # G-FY78-109(1)
PKS LIB LC MEDIA PRODUCTION (144-N321) 2,080.00

STUDENT AID

- 1. MARJORIE E. GODFREY TRUST
KENOSHA, WI
PARKSIDE SCHOLARSHIP FUND
PKS BUS SV FELLOWS & SCHOLS (133-9472) 1,000.00
- TOTAL PARKSIDE 76,805.00

INSTRUCTION	8,210.00
MISCELLANEOUS	67,595.00
STUDENT AID	1,000.00



GIFTS, GRANTS AND CONTRACTS
AUG 10, 1979

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. DHEW, OFFICE OF EDUCATION
MADISON, WI
IN SUPPORT OF THE FOLLOWING:

- | | | | |
|----|--|------------|----------|
| 1) | DISCOVERY DAYS
FOR THE PERIOD 07-01-78 THROUGH 08-31-79
AT A TOTAL COST OF \$6,984.00
AWARD # 003-03, MOD. 1
EXT COM PR COMMUNITY PROGS MILW CO | (144-L770) | 4,000.00 |
| 2) | PLANNING FOR RETIREMENT
FOR THE PERIOD 07-01-78 THROUGH 08-31-79
AT A TOTAL COST OF \$11,463.00
AWARD # 003-001, MOD. 2
EXT COM PR COMMUNITY PROGS MILW CO | (144-L771) | 3,963.00 |
| 3) | PLANNING FOR RETIREMENT
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 79-003-001
EXT COM PR COMMUNITY PROGS MILW CO | (144-N163) | 7,500.00 |
| 4) | DISCOVERY DAYS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 79-003-03
EXT COM PR COMMUNITY PROGS MILW CO | (144-N165) | 3,738.00 |
| 5) | DEMONSTRATION PROJECT FOR PUBLIC SCHOOL FACULTY
AND STATE IN-SERVICE TRAINING USING AN INTER-
ACTIVE COMMUNICATIONS SYSTEM
FOR THE PERIOD 07-01-79 THROUGH 09-30-79
AWARD # AGR DTD 07-10-79
EXT E C INST COMUNIC SYS | (144-N305) | 4,943.00 |
| 6) | CITIZEN ADVISORY COMMITTEES: A GUIDE TO HOW THEY
WORK
FOR THE PERIOD 07-01-79 THROUGH 09-30-79
AWARD # AGR DTD 07-10-79
EXT E E D | (144-N306) | 4,984.00 |

- | | | | |
|----|--|------------|-----------|
| 2. | WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHEW PHS ADAM
INSTITUTE FOR ALCOHOL AND DRUG ABUSE STUDIES
FOR THE PERIOD 05-01-79 THROUGH 04-30-80
AWARD # AGR DTD 04-20-79
EXT P H D HUMAN DEVELOPMNT SPEC PROGS | (144-N341) | 40,000.00 |
| 3. | WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHEW PHS ADAM
DECriminalIZATION OF ALCOHOL ABUSE-PART II
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AWARD # UA 9702-02
EXT E E D CTR-COM LDR DEV COM LDR DV | (144-N391) | 28,188.00 |

GIFTS, GRANTS AND CONTRACTS
AUG 10, 1979

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

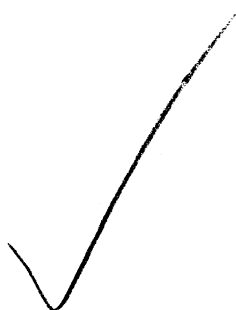
4. INTERIOR, DEPT. OF
ROLLA, MO
TOPOGRAPHIC SURVEY OF THE STATE OF WISCONSIN
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # AGR DTD 06-15-79
EXT E E D W GEOL&NAT HIST GEOL&NAT H
5. INTER, BUREAU OF MINES
WASHINGTON, DC
COMPILATION OF LOCATIONAL DATA OF ALL METAL AND
NONMETAL MINERAL DEPOSITS, PROSPECTS, AND
OCCURRENCES IN THE STATE OF WISCONSIN
FOR THE PERIOD 05-22-79 THROUGH 05-21-80
AWARD # JO199023
EXT E E D W GEOL&NAT HIST GEOL&NAT H (144-N064) 22,727.00
6. LABOR, DEPT. OF
WASHINGTON, DC
RESEARCH ON MILWAUKEE COUNTY WORK ASSISTANCE
PROGRAM
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AWARD # 21-55-79-14
EXT URB OR MANPOWER INSTIT (144-N178) 129,118.00
7. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTER WITH NEH
RADIO AND THE HUMANITIES, A COMPANION PIECE
FOR THE PERIOD 10-01-78 THROUGH 03-31-80
AT A TOTAL COST OF \$42,258.00
AWARD # G-FY78-54(M), MOD. 2
EXT E C RADIO (144-M488) 23,517.00
8. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTER WITH NEH
HISTORIC PRESERVATION AND THE URBAN SCENE -
YEAR II
FOR THE PERIOD 06-08-79 THROUGH 03-31-80
AWARD # G-FY78-110(H)
EXT P H D HUMAN DEVELOPMNT L S-SOC SC (144-N277) 2,601.36
9. CORPORATION FOR PUBLIC BROADCASTING
WASHINGTON, DC
PUBLIC TELECOMMUNICATIONS FINANCIAL MANAGEMENT
ASSOCIATION FOR THE PERIOD 06-01-79 THRU 06-30-80
EXT E C TELEVISION (133-D196) 20,000.00
10. WISCONSIN EARLY CHILDHOOD ASSOCIATION
MADISON, WI
PARTIAL SUPPORT OF AN EXECUTIVE DIRECTOR -
WISCONSIN EARLY CHILDHOOD ASSOCIATION DURING
THE PERIOD 07-01-79 THRU 06-30-80
EXT P H D EXT PROGS IN ED EDUCATION (133-D197) 20,447.70

GIFTS, GRANTS AND CONTRACTS
AUG 10, 1979

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

11.	MULTIPLE DONORS UNIVERSITY EXTENSION FELLOWSHIP FUND EXT P S D STAFF TRNG DEV	(133-7462)	150.00
12.	CHEMAGRO AGRICULTURAL DIVISION MOBAY CHEMICAL CORPORATION KANSAS CITY, MO SUPPORT WEED CONTROL RESEARCH PROGRAM EXT E E D AGRONOMY	(133-7714)	100.00
13.	MULTIPLE DONORS TEST PROGRAM OF ALFALFA SEEDS EXT E E D AGRONOMY	(133-8832)	850.00
	TOTAL EXTENSION		<u>316,827.06</u>
	EXTENSION AND PUBLIC SERVICE	316,827.06	



GIFTS, GRANTS AND CONTRACTS SUMMARY
 ITEMS PROCESSED 06-23-79 THROUGH 07-20-79

	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-	-0-	-0-	-0-	-0-	-0-	-0-
EAU CLAIRE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
EXTENSION	316,827	-0-	-0-	-0-	-0-	-0-	-0-	-0-	316,827
GREEN BAY	-0-	142,647	-0-	14,013	-0-	9,323	-0-	-0-	165,983
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON	-0-	2,918,263	796	267,379	-0-	11,938,408	131,647	-0-	15,256,493
MILWAUKEE	-0-	301,323	-0-	100	-0-	87,959	5,084,029	-0-	5,473,411
OSHKOSH	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
PARKSIDE	-0-	8,210	-0-	67,595	-0-	-0-	1,000	-0-	76,805
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STOUT	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
TOTAL AUG 1979	316,827	3,370,443	796	349,088	-0-	12,035,690	5,216,676	-0-	21,289,520
PREVIOUSLY REPORTED	610,822	1,808,283	281,682	202,730	306,340	13,051,649	235,976	500	16,497,981
GRAND TOTAL	927,649	5,178,726	282,478	551,818	306,340	25,087,339	5,452,651	500	37,787,501
TOTAL AUG 1978	786,012	2,735,398	269,210	226,951	-0-	10,318,384	3,423,079	-0-	17,759,034
PREVIOUSLY REPORTED	571,274	7,412,149	5,372	421,681	281,060	10,320,807	1,645,443	1,200	20,658,986
GRAND TOTAL	1,357,286	10,147,547	274,582	648,632	281,060	20,639,191	5,068,522	1,200	38,418,020
FEDERAL TOTAL AUG 1979	275,279	3,283,531	-0-	127,466	-0-	10,737,470	5,177,816	-0-	19,601,563
PREVIOUSLY REPORTED	239,951	1,797,435	-0-	24,158	306,340	11,898,765	141,398	-0-	14,408,047
FEDERAL GRAND TOTAL	515,230	5,080,966	-0-	151,624	306,340	22,636,235	5,319,214	-0-	34,009,609
FEDERAL TOTAL AUG 1978	569,188	2,723,005	16,470	12,012	-0-	8,765,306	3,398,100	-0-	15,484,081
PREVIOUSLY REPORTED	166,999	7,386,929	5,227	44,454	-0-	9,235,662	1,534,147	-0-	18,373,419
FEDERAL GRAND TOTAL	736,187	10,109,934	21,697	56,466	-0-	18,000,968	4,932,247	-0-	33,857,500

GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

1. AREA LIGHTING DIVISION OF MC GRAW EDISON CO.,
RACINE, WI
LIGHTING UNIT FOR THE LIGHTING DEMONSTRATION
AREA - SCHOOL OF FAMILY RESOURCES AND CONSUMER
SCIENCES
MSN
2. HEWLETT-PACKARD COMPANY,
PALO ALTO, CA
HP 1000, MODEL 45 COMPUTER SYSTEM TO THE
ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENT
MSN
3. UNIVERSITY OF WISCONSIN FOUNDATION,
MADISON, WI., REPRESENTING A GIFT FROM
PAUL HOLTZMAN, MADISON, WI
796 IMPERIAL ROMAN COINS TO THE
ELVEHJEM MUSEUM OF ART
MSN
4. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI
REPRESENTING A GIFT FROM MR. & MRS. FRANK S.
MOULTON, MADISON, WI
PASTEL DRAWING, AN AQUATINT, AND A BLUE WILLOW
CERAMIC DISH TO THE ELVEHJEM MUSEUM OF ART
MSN

INSTRUCTION

- | | | | |
|----|--|------------|----------|
| 1. | ANDREA R. THOMSON,
CHIPPEWA FALLS, WI
JOHN H. JUHL VISITING PROFESSORSHIP FUND
MSN | (TRUST) | 100.00 |
| 2. | WILLARD R. THURLOW, MADISON, WI., REPRESENTING
A GIFT FROM VARIOUS DONORS
C. N. WOOLSEY LECTURES IN NEUROSCIENCE FUND
MSN | (TRUST) | 25.00 |
| 3. | AMERICAN COLLEGE OF SURGEONS,
WISCONSIN CHAPTER, MILWAUKEE, WI
TO ESTABLISH THE JOHN B. WEAR LECTURESHIP
TRUST FUND FOR THE UROLOGY DIVISION OF THE
DEPARTMENT OF SURGERY, MEDICAL SCHOOL. THE
INCOME IS TO BE USED PERIODICALLY TO SUPPORT
A JOHN WEAR LECTURE. ADDITIONAL CONTRIBUTIONS
MAY BE ADDED TO THE FUND
MSN | (TRUST) | 250.00 |
| 4. | DHEW, OFFICE OF HUMAN DEVELOPMENT
CHICAGO, IL
TRAINEESHIPS IN OCCUPATIONAL THERAPY
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 44-P-25651/5-03
MSN HS-A H OCCUP THERAPY | (144-N578) | 7,568.00 |

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

5. DHEW, PHS, CENTER FOR DISEASE CONTROL
ROCKVILLE, MD
OCCUPATIONAL MEDICINE RESIDENCY
FOR THE PERIOD 09-01-79 THROUGH 06-30-80
AWARD # 1 T01 OHD7149-01
MSN HS-MED PREVENTIVE MED (144-N571) 66,683.00
6. DHEW, PHS, HEALTH RESOURCES ADMIN.
HYATTSVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) GRADUATE PROGRAMS IN HEALTH ADMINISTRATION
FOR THE PERIOD 10-01-79 THROUGH 09-30-80
AWARD # 5 E10 AH00020-02
MSN HS-MED PREVENTIVE MED (144-N539) 123,750.00
- 2) PRIMARY CARE IN INTERNAL MEDICINE
FOR THE PERIOD 10-01-79 THROUGH 09-30-80
AWARD # 5 D28 PE15218-02
MSN HS-MED MEDICINE GEN INTRNL (144-N540) 118,800.00
- 3) RESIDENCY TRAINING IN GENERAL INTERNAL MEDICINE
FOR THE PERIOD 10-01-79 THROUGH 09-30-80
AWARD # 5 D28 PE15191-03
MSN HS-MED MEDICINE MT SINAI (144-N541) 57,267.00
- 4) PROFESSIONAL NURSE TRAINEESHIP PROGRAM
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 2 A11 NU00275-04
MSN HS-NUR (144-N563) 92,920.00
- 5) A TEAM APPROACH TO EMERGENCY MEDICAL CARE
FOR THE PERIOD 10-01-79 THROUGH 09-30-80
AWARD # 5 A18 PE15031-03
MSN HS-MED MEDICINE (144-N568) 113,767.00
7. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
PULMONARY RESEARCH FELLOWSHIP
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AT A TOTAL COST OF \$78,676.00
AWARD # 5 T32 HLO7016-05, MOD. 1
MSN HS-MED PREVENTIVE MED (144-M922) 69,120.00
8. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHEW PHS NIH
MULTI-CULTURAL, MULTI-DISCIPLINARY TRAINING
PROJECT
FOR THE PERIOD 08-27-79 THROUGH 06-30-80
AWARD # GAJ 76636 P
MSN L&S SOCIAL WORK (144-N582) 35,400.00
9. STATE OF WISCONSIN
DEPARTMENT OF HEALTH AND SOCIAL SERVICES
DIVISION OF CORRECTIONS
MADISON, WI
DIVISION OF CORRECTIONS CLASSROOM AND FIELD
INSTRUCTION REDUCED TO FIRST YEAR BUDGET LEVEL
OF \$23,893 FOR THE PERIOD 08-01-79 THRU 06-30-80
AWARD # P.O.# GAJ-81,636
MSN L&S SOCIAL WORK (133-D188) 59,479.00-

GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

10. MULTIPLE DONORS
SUPPORT GRADUATE COURSE IN UPPER GASTROINTESTINAL
ENDOSCOPY
MSN HS-MED MEDICINE GASTROENT (133-7632) 900.00

LIBRARIES

1. MULTIPLE DONORS IN MEMORY OF
JUDGE JEFFERSON A. SIMPSON, SR.
UNIVERSITY OF WISCONSIN LAW LIBRARY SUPPORT
MSN LAW LIBRARY (133-A856) 150.00

2. MULTIPLE DONORS
DEPARTMENT OF MEDICINE HOUSE STAFF LIBRARY
MSN HS-MED MEDICINE PSYCH MED (133-D237) 100.00

3. MULTIPLE DONORS
DEFRAY COST OF PURCHASE OF BOOKS, JOURNALS, OR
OTHER PUBLICATIONS AT THE DISCRETION OF THE
CHAIRMAN OF THE SOILS DEPARTMENT
MSN AG&LSC SOILS (133-3993) 252.66

4. MULTIPLE DONORS
SUPPORT LITHIUM LIBRARY IN THE DEPARTMENT OF
PSYCHIATRY
MSN HS-MED PSYCHIATRY (133-9651) 134.50

MISCELLANEOUS

1. COLORADO SPRINGS PLASTIC SURGERY ASSOCIATION,
COLORADO SPRINGS, CO
DR. VINCENT O. RUSSO MEMORIAL FUND
MSN (TRUST) 25.00

2. GEORGE ABLIN, M.D.,
BAKERSFIELD, CA
C.N. WOOLSEY LECTURES IN NEUROSCIENCE
MSN (TRUST) 25.00

3. JOYCE C. KNUTSON,
MADISON, WI
HELEN ALLEN TEXTILE STUDIES FUND
MSN (TRUST) 10.00

4. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
INTERGOVERNMENTAL PERSONNEL AGREEMENT
FOR THE PERIOD 08-28-78 THROUGH 08-27-80
AT A TOTAL COST OF \$46,152.00
AWARD # AGR DTD 08-13-79, MOD. 1
MSN EDUC CURRIC & INSTR (144-M173) 24,072.00

5. FRIENDS OF NESTOR
DEFRAY COST OF PUBLICATION OF NESTOR
MSN L&S HUM-INST FOR RES (133-A275) 12.00

GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

6.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT OPERATION OF THE DEPARTMENT OF FAMILY MEDICINE AND PRACTICE MSN HS-MED FAM MED & PRACT	(133-A523)	4,200.00
7.	MULTIPLE DONORS DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS	(133-A751)	100.00
8.	UNIVERSITY OF TORONTO TORONTO, ONTARIO, CANADA DICTIONARY OF OLD ENGLISH MSN L&S COMPUTER SCI	(133-A894)	3,500.00
9.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INSTITUTE FOR ADMINISTRATIVE ADVANCEMENT MSN EDUC EDUC ADMIN	(133-A936)	5,000.00
10.	ASSOCIATION OF COLLEGE, UNIVERSITY AND COMMUNITY ARTS ADMINISTRATORS, INC. MADISON, WI PARTIAL SUPPORT OF STAFF SALARIES FOR A PROFESSIONAL, EDUCATIONAL ARTS ADMINISTRATION ASSOCIATION AND A PROJECT RELATED TO THE ARTS ADMINISTRATION, GRADUATE SCHOOL OF BUSINESS MSN BUS BUSINESS, SCH OF	(133-B049)	88,238.40
11.	MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL ACTIVITIES, INC MADISON, WI SUPPORT MUCIA'S EXECUTIVE DIRECTOR'S OFFICE DURING THE PERIOD 07-01-76 THRU 06-30-80 AT A \$591,426 LEVEL MSN G E A INTL STU & PROG	(133-B080)	181,030.00
12.	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)	30.00
13.	MULTIPLE DONORS DEFRAY EXPENSES OF COMMITTEE AND THE INTERNATIONAL RURAL SOCIOLOGY ASSOCIATION MSN AG&LSC SOCIOLOGY(RURAL)	(133-B457)	25.98
14.	WISCONSIN LIONS EYE BANK- SPECIAL ACCOUNT MSN HS-HSP ADMINISTRATION ADMIN	(133-C007)	
	1,000.00 CONSOLIDATED'S CIVIC FOUNDATION, INC		
	528.00 WISCONSIN RAPIDS, WI		
	MULTIPLE DONORS		
			1,528.00

GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

15.	MULTIPLE DONORS PEDIATRIC NURSING CARE MSN HS-HSP ADMINISTRATION	ADMIN	(133-C156)	465.00
16.	SOCIETY FOR RESEARCH IN CHILD DEVELOPMENT BERKELEY, CA DEFRAY EXPENSES RELATED TO ASSOCIATE EDITORSHIP OF "CHILD DEVELOPMENT" FOR THE PERIOD 07-01-78 THRU 06-30-80 AT A \$14,000 LEVEL MSN EDUC EDUC PSYCHOLOGY		(133-C309)	6,700.00
17.	HISPANIC SEMINARY OF MEDIEVAL STUDIES, LTD MADISON, WI DEFRAY COST OF PUBLICATION AND DISSEMINATION OF CONCORDANCES AND TEXTS OF THE ROYAL SCRIPTORIUM OF ALFONSO X, EL SABIO MSN L&S SPANISH & PORT		(133-C379)	1,143.27
18.	STATE OF WISCONSIN DEPARTMENT OF HEALTH AND SOCIAL SERVICES MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 10-01-78 THRU 09-30-79 AT A \$9,064.92 LEVEL AWARD # P.O.# GAI 24543 MSN L&S PUBL POL&ADM RES		(133-C571)	1,705.92
19.	MULTIPLE DONORS HERITAGE AREAS: FOREST/LANGLADE/ONEIDA COUNTIES MSN AG&LSC NAT RESOURCES	LAND ARCH	(133-C772)	173.38
20.	MULTIPLE DONORS DEFRAY EXPENSES CONNECTED WITH THE NORTH CENTRAL TREE IMPROVEMENT ASSOCIATION MEETING MSN AG&LSC NAT RESOURCES	FORESTRY	(133-C913)	190.00
21.	MILWAUKEE ART CENTER, INC MILWAUKEE, WI PUBLICATION ASSISTANCE FOR "THE RENE VON SCHLEINITZ COLLECTION OF THE MILWAUKEE ART CENTER: MAJOR SCHOOLS OF GERMAN NINETEENTH-CENTURY POPULAR PAINTING" BY RUDOLPH M. BISANZ MSN GRAD U W PRESS		(133-D218)	11,000.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI REMODELING OF DEPARTMENT READING ROOM AND RELATED EXPENSES MSN L&S PSYCHOLOGY		(133-D231)	2,425.00
23.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS BUSINESS, SCH OF		(133-0179)	
	1,500.00	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	3,400.00	BANK ADMINISTRATION INSTITUTE PARK RIDGE, IL		
	5,570.00	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	503.73	UW-MADISON ASSOCIATION FOR CONTINUING EDUCATION IN BUSINESS, INC MADISON, WI		
				10,973.73

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24. MULTIPLE DONORS
DEPARTMENT OF SOILS CHAIRMAN'S DISCRETIONARY
GRANT TO BE USED WITH THE APPROVAL OF THE DEAN
OF THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES
MSN AG&LSC SOILS (133-4885) 519.30
25. A. T. INTERNATIONAL
WASHINGTON, DC
LAND TENURE CENTER TRAINING PROGRAM FUND
MSN AG&LSC LAND TENURE CTR (133-5269) 1,600.44
26. MULTIPLE DONORS
UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS
MSN HS-MED HUMAN ONCOLOGY (133-6225) 450.00
27. ROHM & HAAS COMPANY
PHILADELPHIA, PA
CHEMICAL ENGINEERING DEPARTMENT CHAIRMAN'S
DISCRETIONARY GRANT
MSN ENGR CHEMICAL ENGR (133-6936) 3,000.00
28. MULTIPLE DONORS
UNRESTRICTED GRANT IN THE FIELD OF DERMATOLOGY
DEPARTMENT OF MEDICINE
MSN HS-MED MEDICINE (133-7106) 825.00
29. SANA DIVISION
BEATRICE FOODS COMPANY
MADISON, WI
SENSORY RESEARCH ANALYSIS
MSN AG&LSC FOOD SCIENCE (133-8343) 2,625.00
30. MULTIPLE DONORS
SUPPORT GENERAL STUDIES IN RESOURCES POLICY
MSN AG&LSC NAT RESOURCES RES POL ST (133-8513) 11.56
31. BLUE BUS CLINIC OPERATION
MSN HS-UHS UNIV HEALTH SERV U HLTH SVC (133-8650)
1,500.00 MADISON DEPARTMENT OF PUBLIC HEALTH
500.00 MADISON, WI
MULTIPLE DONORS
2,000.00
32. EMPLOYER'S INSURANCE OF WAUSAU
WAUSAU, WI
MOBILE INTENSIVE CARE VEHICLE PROJECT
MSN HS-HSP ADMINISTRATION ADMIN (133-9292) 1,500.00
33. MULTIPLE DONORS
GIFTS FOR THE SCHOOL OF JOURNALISM AND MASS
COMMUNICATIONS UW-MADISON, TO BE USED AT THE
DISCRETION OF THE DIRECTOR OF THE SCHOOL FOR THE
BENEFIT OF THE SCHOOL
MSN L&S JOURN&MASS COMM (133-9465) 20.00

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34. AMERICAN FOUNDATION FOR THE BLIND, INC
NEW YORK, NY
WAISMAN CENTER ON MENTAL RETARDATION AND HUMAN
DEVELOPMENT FUND
MSN GRAD WAISMN RETARD CT (133-9545) 1,273.00

PHYSICAL PLANT

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) INTEREST SUBSIDY GRANT FOR THE HELEN C WHITE
UNDERGRADUATE LIBRARY
FOR THE PERIOD 07-01-75 THROUGH 09-15-79
AWARD # 5-5-00378-0
MSN UNIT-W DEBT SV AC BLDGS (144-H015) 56,535.00
- 2) INTEREST SUBSIDY GRANT FOR COMMUNICATION ARTS
BUILDING
FOR THE PERIOD 07-01-72 THROUGH 09-15-79
AWARD # 5-5-00438-0
MSN UNIT-W DEBT SV AC BLDGS (144-J407) 49,148.00

RESEARCH

1. WISCONSIN HOSPITAL ASSOCIATION,
MADISON, WI
CLINICAL ENGINEERING SERVICES FOR WISCONSIN
HOSPITAL ASSOCIATION TECHNICAL ASSISTANCE
CENTER FOR THE PERIOD 07-01-79 THRU 06-30-80
MSN ENGR ENGR EXPER STA INTRDSC PR
2. OSCAR MAYER & CO., INC.
MADISON, WI
TEACHING AND RESEARCH ACTIVITIES RELATED
TO MEAT AND ANIMAL SCIENCE FOR THE PERIOD
07-01-79 THRU 06-30-80
MSN
3. WISCONSIN ALUMNI RESEARCH FOUNDATION
MADISON, WI
DONALD C. SLICHTER PROFESSOR IN
ENGINEERING RESEARCH (135-0041) 12,500.00
MSN GRAD
4. WISCONSIN ALUMNI RESEARCH FOUNDATION
MADISON, WI
DONALD C. SLICHTER PROFESSOR IN BUSINESS (135-0042) 12,500.00
MSN GRAD
5. WISCONSIN ALUMNI RESEARCH FOUNDATION
MADISON, WI
RESEARCH COMMITTEE AWARDS TO FACULTY
RESEARCHERS, \$3,367,000, HAIGHT TRAVELING
PROFESSOR, \$5,000, BRITTINGHAM VISITING
PROFESSOR, \$25,000 AND FELLOWSHIPS, \$598,000
MSN GRAD (135-9998) 3,995,000.00

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6. ~~MULTIPLE DONORS~~
CLINICAL ONCOLOGY TRUST FUND FOR
CANCER RESEARCH
MSN (TRUST) 1,460.50
7. MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL
ACTIVITIES
CHAMPAIGN, IL
PRIME CONTRACTOR WITH AGRIC
TECHNICAL SERVICES AND FEASIBILITY STUDIES;
AGRICULTURAL SECTOR ASSESSMENT
FOR THE PERIOD 10-01-78 THROUGH 09-30-79
AWARD # AGR DTD 10-01-78
MSN G E A INTL STU & PROG (144-M610) 337,216.00
8. AGRIC, FOREST SERVICE
BROOMALL, PA
DETERMINATION OF THE ENVIRONMENTAL LOAD OF
NEODIPRION SERTIFER NUCLEOPOLYHEDROSIS
FOR THE PERIOD 07-01-79 THROUGH 09-30-81
AWARD # 23-243
MSN AG&LSC ENTOMOLOGY (144-N369) 21,905.00
9. AGRIC, FOREST SERVICE, FOREST PRODUCTS LABORATORY
MADISON, WI
IN SUPPORT OF THE FOLLOWING:
- 1) ANALYSIS OF WOOD CONSUMPTION AS RELATED TO
ENERGY COSTS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 12-175
MSN ENGR ENGR EXPER STA ENERGY RES (144-N232) 15,335.00
- 2) MICROWAVE ELECTROMAGNETIC NONDESTRUCTIVE TESTING
OF WOOD
FOR THE PERIOD 07-01-79 THROUGH 06-30-81
AWARD # 12-168
MSN ENGR ENGR EXPER STA EL&COMPUT (144-N332) 26,945.00
- 3) BOND FORMATION BY WOOD SURFACE REACTIONS
FOR THE PERIOD 07-31-79 THROUGH 08-31-80
AWARD # 12-177
MSN AG&LSC NAT RESOURCES FORESTRY (144-N577) 13,086.00
10. AGRIC, SCIENCE & EDUCATION ADM
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) ROPE OF NEWCASTLE DISEASE IN MARKET CONDEMNATION
OF TURKEYS
FOR THE PERIOD 06-04-79 THROUGH 09-30-82
AWARD # 901-15-146
MSN AG&LSC VETERINARY SCI (144-N384) 178,424.00
- 2) MAJOR HISTOCOMPATIBILITY COMPLEX IN IMMUNITY
TO INFECTIONS BOVINE RHINOTRACHEITIS VIRUS
FOR THE PERIOD 06-04-79 THROUGH 09-30-81
AWARD # 901-15-145
MSN AG&LSC VETERINARY SCI (144-N419) 83,366.00

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- 3) MAJOR HISTOCOMPATIBILITY COMPLEX IN IMMUNITY TO
INFECTIOUS BOVINE RHINOTRACHEITIS VIRUS
FOR THE PERIOD 06-04-79 THROUGH 09-30-81
AWARD # 901-15-145
MSN AG&LSC GENETICS (144-N420) 71,810.00
- 4) ORGANIZATION AND CONTROL OF U.S. FOOD PRODUCTION
AND DISTRIBUTION SYSTEM--PHASE IV
FOR THE PERIOD 02-06-79 THROUGH 09-30-82
AWARD # 901-15-3
MSN AG&LSC ECONOMICS (AGR) (144-N510) 145,500.00
11. COMMERCE, DEPT. OF
WASHINGTON, DC
SUBCONTRACT WITH THE BUREAU OF CENSUS TO PRODUCE
PUBLIC USE SAMPLE MICRODATA TAPES FROM THE 1940
AND 1950 CENSUSES OF POPULATION AT A COST OF
\$500,000
FOR THE PERIOD 06-01-79 THROUGH 10-31-79
AWARD # NONE
MSN L&S SOCIOLOGY
12. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
WASHINGTON, DC
FABRICATION OF ANTENNA FEED FOR GOES ANTENNA
FOR THE PERIOD 07-20-79 THROUGH 01-19-80
AWARD # NA-79-SAC-00735
MSN GRAD SPACE SCI&ENG CT (144-N511) 15,000.00
13. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) DEVELOPMENT OF A CATALOG OF MODIFICATIONS AND
ADAPTIONS OF VOCATIONAL EDUCATION EQUIPMENT FOR
SERVING THE HANDICAPPED
FOR THE PERIOD 07-02-79 THROUGH 01-02-81
AWARD # 300790380
MSN EDUC WIS VOC STUDIES WIS VOC ST (144-N389) 221,152.00
- 2) BILINGUAL TEACHER TRAINER FELLOWSHIP PROGRAM
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # G007903033
MSN EDUC CURRIC & INSTR (144-N583) 47,543.00
14. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTER WITH DHEW OE
WISCONSIN SENIOR SURVEY
FOR THE PERIOD 07-01-79 THROUGH 12-31-79
AWARD # 0-5986/R084
MSN EDUC WIS VOC STUDIES WIS VOC ST (144-N324) 4,737.00
15. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTER WITH DHEW OE
CURRICULUM DEVELOPMENT FOR DISTRIBUTIVE EDUCATION-
FIELD TEST PHASE
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 0-5891/L084
MSN EDUC WIS VOC STUDIES WIS VOC ST (144-N325) 22,895.00

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16. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTER WITH DHEW OF
WISCONSIN VOCATIONAL EDUCATOR MAGAZINE
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 0-5188/RO84
MSN EDUC WIS VOC STUDIES WIS VOC ST (144-N353) 7,000.00
17. HEALTH, EDUCATION, AND WELFARE, DEPT. OF
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 09-29-78 THROUGH 02-28-80
AT A TOTAL COST OF \$428,993.00
AWARD # HEW-100-76-0196, MOD. 6
MSN L&S INST-RES ON POV (144-J355) 38,264.00
18. DHEW, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM
ROCKVILLE, MD
STUDIES OF SCHIZOPHRENIA-PRONE YOUNG ADULTS
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 5 R01 MH31067-02
MSN L&S PSYCHOLOGY (144-N507) 146,036.00
19. UNIVERSITY OF NORTH CAROLINA
CHAPEL HILL, NC
PRIME CONTRACTER WITH DHEW PHS ADAM
NEUROPSYCHOPHARMACOLOGY OF DEVELOPMENTAL
DISORDERS
FOR THE PERIOD 12-01-78 THROUGH 11-30-79
AWARD # AGR DTD 08-03-79
MSN HS-PSY PSYCHIATRIC INST (144-M663) 22,470.00
20. DHEW, PHS, CENTER FOR DISEASE CONTROL
ATLANTA, GA
PROFICIENCY TESTING PROGRAM
FOR THE PERIOD 07-12-79 THROUGH 01-11-81
AWARD # 200-79-0946
MSN HS-HYG (144-N401) 98,197.00
21. DHEW, PHS, CENTER FOR DISEASE CONTROL
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
- 1) EXPLORATORY EVALUATION OF VIDEO DISPLAY TERMINAL
OPERATOR STRESS/STRAIN
(REDUCED TO CONFORM WITH FUNDS ALLOTTED FOR
REIMBURSEMENT)
FOR THE PERIOD 06-06-79 THROUGH 12-05-80
AT A TOTAL COST OF \$36,195.00
AWARD # 210-79-0034
MSN HS-MED PREVENTIVE MED (144-N127) 17,121.00-

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- 2) FOLLOW-ON EVALUATION OF STRESS/STRAIN IN MULTIPLE POSITION LETTER SORTING MACHINE WORKERS (REDUCED TO CONFORM WITH FUNDS ALLOTTED FOR REIMBURSEMENT) FOR THE PERIOD 06-05-79 THROUGH 02-04-81 AT A TOTAL COST OF \$33,180.00 AWARD # 210-79-0072 MSN HS-MED PREVENTIVE MED (144-N131) 35,060.00-
22. WI DEPT OF HEALTH & SOCIAL SERVICES MADISON, WI PRIME CONTRACTER WITH DHEW PHS HRA ANALYSIS OF PATIENT CARE DATA FOR THE PERIOD 10-01-77 THROUGH 06-30-79 AT A TOTAL COST OF \$15,854.00 AWARD # GAH 35176, MOD. 3 MSN L&S STATISTICS (144-L336) 2,694.00
23. AKRON GENERAL MEDICAL CENTER AKRON, OH SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE UW SYSTEM UNDER AGREEMENT FROM DHEW PHS NIN EASTERN COOPERATIVE ONCOLOGY GROUP-OPERATIONS OFFICE FOR THE PERIOD 06-01-79 THROUGH 05-31-80 AT A TOTAL COST OF \$1,873.00 AWARD # 531K926 MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-M890)
24. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD IN SUPPORT OF THE FOLLOWING:
- 1) CONTROLLED CLINICAL TRIAL TO EVALUATE EARLY VITRECTOMY IN DIABETIC RETINOPATHY (CLINICAL CENTER) FOR THE PERIOD 06-26-75 THROUGH 09-25-79 AT A TOTAL COST OF \$230,456.00 AWARD # NO1 EY 5-2140, MOD. 4 MSN HS-MED OPHTHALMOLOGY (144-G727) 13,566.00
- 2) READING CENTER STUDY TO EVALUATE EARLY VITRECTOMY IN DIABETIC RETINOPATHY FOR THE PERIOD 06-26-75 THROUGH 09-25-79 AT A TOTAL COST OF \$482,998.00 AWARD # NO1 EY 5-2148, MOD. 5 MSN HS-MED OPHTHALMOLOGY (144-G728) 24,644.00
- 3) RELATION OF MITOCHONDRIAL CHANGES TO CARDIAC FAILURE FOR THE PERIOD 06-01-78 THROUGH 11-30-79 AT A TOTAL COST OF \$95,339.00 AWARD # 3 RO1 HL19378-03S1 MSN HS-MED SURGERY GEN SURG (144-L444) 32,199.00

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- 4) MULTIDISCIPLINARY PROGRAM IN RADIATION ONCOLOGY
FOR THE PERIOD 06-01-78 THROUGH 07-31-79
AT A TOTAL COST OF \$855,437.00
AWARD # 3 P01 CA19278-03S1, MOD. 1
MSN HS-MED HUMAN ONCOLOGY RAD THERAP (144-L469) 30.00
- 5) POSTDOCTORAL FELLOWSHIP AWARD
(REDUCED TO REFLECT EARLY TERMINATION OF FELLOW)
FOR THE PERIOD 01-01-79 THROUGH 07-02-79
AT A TOTAL COST OF \$8,255.00
AWARD # 5 F32 CA05767-02, MOD. 1
MSN L&S CHEMISTRY (144-M673) 5,145.00-
- 6) REGULATORY MECHANISMS IN TUMOR BIOLOGY
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 P01 CA23076-02
MSN HS-MED ONCOLOGY (144-N174) 1,135,287.00
- 7) CHOLESTEROL METABOLISM IN HEPATIC NEOPLASMS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 R01 CA15664-06
MSN HS-MED PATHOL & LAB MED ANAT PATH (144-N220) 65,792.00
- 8) DNA CONTROLLING THE SYNTHESIS OF HUMAN HEMOGLOBINS
F AND A
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 R01 AM20120-03
MSN HS-MED GENETICS (144-N221) 87,961.00
- 9) RESEARCH CAREER AWARD
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 5 K04 GM00150-05
MSN AG&LSC GENETICS (144-N237) 38,232.00
- 10) BINOCULAR INTERACTIONS IN VISUAL SYSTEM
DEVELOPMENT
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 5 R01 EY02545-02
MSN L&S PSYCHOLOGY (144-N370) 55,505.00
- 11) MULTIDISCIPLINARY PROGRAM IN RADIATION ONCOLOGY
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 2 P01 CA19278-04
MSN HS-MED HUMAN ONCOLOGY RAD THERAP (144-N403) 386,479.00
- 12) INTERNATIONAL FELLOWSHIP AWARD
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 1 F05 TW02578-01
MSN AG&LSC BIOCHEMISTRY (144-N405) 18,450.00
- 13) GENETIC POLYMORPHISMS OF SALIVA
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 5 R01 DE03658-15
MSN HS-MED MEDICINE HEMATOLOGY (144-N406) 34,537.00

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- 14) PATIENT EDUCATION FOR HYPERTENSION CONTROL
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 1 R01 HL24543-01
MSN L&S PSYCHOLOGY (144-N505) 119,656.00
- 15) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 1 F32 ES05147-01
MSN AG&LSC BIOCHEMISTRY (144-N506) 13,800.00
- 16) ACETYLCHOLINE FUNCTIONS IN THE NEMATODE ASCARIS
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 1 R01 AI15890-01
MSN L&S ZOOLOGY (144-N514) 50,385.00
- 17) STRUCTURE-TOXICITY RELATIONSHIPS OF BOTULINUM
TOXIN
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 5 R01 ES01822-06
MSN AG&LSC FOOD MICRO&TOXIC (144-N515) 29,807.00
- 18) T CELL DIFFERENTIATION BY THYMIC POLYPEPTIDES
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 1 R01 AI15723-01
MSN HS-MED PEDIATRICS (144-N516) 39,900.00
- 19) WILDLIFE RESERVOIRS OF ARBOVIRUSES
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 5 R01 AI00771-24
MSN AG&LSC VETERINARY SCI (144-N546) 63,218.00
- 20) IMMUNITY TO DERMATOPHYTES
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 1 R01 AI15119-01A1
MSN HS-MED SURGERY GEN SURG (144-N561) 70,636.00
- 21) MECHANISMS OF ANTIBIOTIC RESISTANCE IN
MICROORGANISMS
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 2 R01 AI10076-13
MSN AG&LSC BIOCHEMISTRY (144-N562) 107,301.00
- 22) MACROMOLECULAR SYNTHESIS IN YEAST - GENETICS/
BIOCHEMISTRY
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 2 R01 AI12448-06
MSN AG&LSC BIOCHEMISTRY (144-N566) 77,373.00
- 23) THE SPONTANEOUSLY HYPERTENSIVE RAT KIDNEY
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 5 R01 HL22836-02
MSN HS-MED MEDICINE NEPHROLOGY (144-N569) 56,638.00
- 24) IMMUNITY TO CANDIDA ALBICANS IN NUDE MICE
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 1 R01 AI14537-01A1
MSN HS-MED SURGERY GEN SURG (144-N570) 67,918.00

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- 25) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 1 F32 AM06171-01
MSN AG&LSC BIOCHEMISTRY (144-N574) 13,000.00
- 26) FOGARTY INTERNATIONAL SENIOR FELLOWSHIP
FOR THE PERIOD 09-25-79 THROUGH 09-24-80
AWARD # 1 F06 TW00325-01
MSN HS-MED HUMAN ONCOLOGY (144-N575) 28,115.00
- 27) POSTDOCTORAL FELLOWSHIP AWARD
FOR THE PERIOD 09-11-79 THROUGH 09-10-80
AWARD # 1 F32 AI05892-01
MSN GRAD BIOPHYSICS (144-N576) 13,800.00
- 28) HYPOTHALAMIC-PITUITARY- TESTICULAR DEVELOPMENT
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 5 R01 HD10533-03
MSN L&S PRIMATE RES CTR (144-N581) 66,926.00
- 29) CONTROL OF MEMBRANE ACTIVITY BY NEUROTRANSMITTERS
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 5 R01 NS13878-03
MSN HS-PSY PSYCHIATRIC INST (144-N587) 81,446.00
25. MALLORY INSTITUTE OF PATHOLOGY FOUNDATION
BOSTON, MA
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE
UW SYSTEM UNDER AGREEMENT FROM DHEW PHS NIH
EASTERN COOPERATIVE ONCOLOGY GROUP-OPERATIONS
OFFICE
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AT A TOTAL COST OF \$11,200.00
AWARD # 428M083
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-M890)
26. MONTEFIORE HOSPITAL AND MEDICAL CENTER
BRONX, NY
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE
UW SYSTEM UNDER AGREEMENT FROM DHEW PHS NIH
CLINICAL CENTER TO EVALUATE THE EFFICACY OF
ANTENATAL STEROID THERAPY, ETC
FOR THE PERIOD 03-01-77 THROUGH 02-29-80
AT A TOTAL COST OF \$53,000.00
AWARD # 499H251, MOD. 1
MSN HS-MED PEDIATRICS (144-H818)
27. CLEVELAND METROPOLITAN GENERAL HOSPITAL
CLEVELAND, OH
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE
UW SYSTEM UNDER AGREEMENT FROM DHEW PHS NIH
EASTERN COOPERATIVE ONCOLOGY GROUP-OPERATIONS
OFFICE
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AT A TOTAL COST OF \$16,758.00
AWARD # 428M061
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-M890)



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28. MARSHFIELD MEDICAL FOUNDATION
MARSHFIELD, WI
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE
UN SYSTEM UNDER AGREEMENT FROM DHEW PHS NIH
EASTERN COOPERATIVE ONCOLOGY - WISCONSIN STUDIES
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AT A TOTAL COST OF \$19,465.00
AWARD # 106K772
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-N018)
29. UNIVERSITY OF ROCHESTER
ROCHESTER, NY
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE
UN SYSTEM UNDER AGREEMENT FROM DHEW PHS NIH
EASTERN COOPERATIVE ONCOLOGY GROUP-OPERATIONS
OFFICE
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AT A TOTAL COST OF \$118,625.00
AWARD # 428M072, MOD. 1
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-M890)
30. DOD, ARMY
RESEARCH TRIANGLE PARK, NC
IN SUPPORT OF THE FOLLOWING:
- 1) BAYESIAN METHODS, FORECASTING AND CONTROL IN
STATISTICS AND OPERATIONS ANALYSIS
FOR THE PERIOD 09-01-78 THROUGH 08-31-81
AT A TOTAL COST OF \$78,000.00
AWARD # DAAG29-78-G-0166, MOD. 1
MSN L&S STATISTICS (144-M195) 40,000.00
 - 2) A STUDY OF PHOTOPHYSICAL PROCESSES & MOLECULAR
TRANSFORMATIONS OF EXCITED STATES
FOR THE PERIOD 09-25-78 THROUGH 09-24-81
AT A TOTAL COST OF \$72,000.00
AWARD # DAAG29-78-G-0204, MOD. 1
MSN L&S CHEMISTRY (144-M246) 37,000.00
31. DOD, NAVY
ARLINGTON, VA
TRANSFER OF FACILITIES ACQUIRED UNDER VARIOUS
OFFICE OF NAVAL RESEARCH CONTRACTS TO THIS
FACILITIES CONTRACT FOR A PERIOD BEGINNING
06-26-79
AWARD # N00014-79-E-0663
MSN
32. DEPARTMENT OF ENERGY
ARGONNE, IL
IN SUPPORT OF THE FOLLOWING:
- 1) ORGANIZATION OF THE R CHROMOSOME REGION IN MAIZE
FOR THE PERIOD 02-01-79 THROUGH 01-31-80
AWARD # EY-76-S-02-1300
MSN AG&LSC GENETICS (144-M821) 30,605.00



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- 2) LOCAL ELECTRONIC PROPERTIES OF SEMICONDUCTOR SURFACES AND INTERFACES FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # EG-77-S-02-4435
MSN ENGR ENGR EXPR STA MET & MIN (144-N394) 85,000.00
33. DEPARTMENT OF ENERGY WASHINGTON, DC
ASSIGNMENT AGREEMENT FOR THE PERIOD 08-20-79 THROUGH 08-20-81
AWARD # NONE
MSN L&S MATHEMATICS (144-N557) 91,600.00
34. WI DEPT OF ADMINISTRATION MADISON, WI
PRIME CONTRACTER WITH DOE INDUSTRIAL ENERGY ANALYSIS FOR THE PERIOD 11-01-78 THROUGH 06-30-80
AWARD # 79087
MSN BUS BUSINESS, SCH OF (144-N368) 3,843.00
35. WI DEPT OF HEALTH & SOCIAL SERVICES MADISON, WI
PRIME CONTRACTER WITH EPA HOME FORMALDEHYDE AND HEALTH STUDY FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # NONE
MSN HS-MED PREVENTIVE MED (144-N423) 3,302.50
36. WI DEPT OF NATURAL RESOURCES MADISON, WI
PRIME CONTRACTER WITH EPA COASTAL ZONE MANAGEMENT PROJECT (LABORATORY) FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # AGR DTD 08-09-79
MSN HS-HYG ENVIR SCIENCES DNR - CZMP (144-N572) 89,000.00
37. GOVERNOR'S EMPLOYMENT AND TRAINING OFFICE MADISON, WI
PRIME CONTRACTER WITH LABOR DEVELOPMENT OF AN ABRIDGED VERSION OF WCIS FOR SPECIAL POPULATIONS FOR THE PERIOD 05-01-79 THROUGH 09-30-79
AWARD # GLAD-79-967
MSN EDUC WIS VOC STUDIES WIS VOC ST (144-N073) 16,929.00
38. GOVERNOR'S EMPLOYMENT AND TRAINING OFFICE MADISON, WI
PRIME CONTRACTER WITH LABOR DEVELOPMENT OF REFERENCING MATERIALS AND GUIDES TO RELATE OCCUPATIONS AND CAREERS TO NON-VOCATIONAL CURRICULUM AND INSTRUCTION FOR THE PERIOD 05-01-79 THROUGH 09-30-79
AWARD # GLAD-79-966
MSN EDUC WIS VOC STUDIES WIS VOC ST (144-N145) 15,000.00

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39. GOVERNOR'S EMPLOYMENT AND TRAINING OFFICE
MADISON, WI
PRIME CONTRACTOR WITH LABOR
REVIEW OF DROPOUT PREVENTION PROGRAMS: FROM THE
PERSPECTIVE OF THE POTENTIAL DROPOUT
FOR THE PERIOD 05-01-79 THROUGH 09-30-79
AWARD # GLAD-79-964
MSN EDUC CURRIC & INSTR (144-N162) 16,097.00
40. GOVERNOR'S EMPLOYMENT AND TRAINING OFFICE
MADISON, WI
PRIME CONTRACTOR WITH LABOR
PROJECT MINORITY I.D., A CHICANO/LATINO SUMMER
INTERN RESEARCH PROJECT
FOR THE PERIOD 05-01-79 THROUGH 09-30-79
AWARD # GLAD-79-983
MSN AC SVC OFC OF ADMISSNS NEW STU SV (144-N271) 8,481.00
41. WI DEPT OF INDUSTRY, LABOR & HUMAN RELATIONS
WIS OCCUPATIONAL INFORMATION COORDINATING
COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH LABOR
INTERSTATE OCCUPATIONAL INFORMATION SYSTEM ACCESS
MODEL - DESIGN AND TEST
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # ILJ-00552
MSN EDUC WIS VOC STUDIES WIS VOC ST (144-N304) 89,883.00
42. NATIONAL AERONAUTICS & SPACE ADMIN.
HAMPTON, VA
IN SUPPORT OF THE FOLLOWING:
- 1) LASER RADAR FOR METEOROLOGY MEASUREMENTS
FOR THE PERIOD 09-11-75 THROUGH 11-30-79
AT A TOTAL COST OF \$266,845.13
AWARD # NAS1-14136, MOD. 6
MSN L&S METEOROLOGY (144-H100) 15,588.00
- 2) LASER RADAR FOR METEOROLOGY MEASUREMENTS
FOR THE PERIOD 09-11-75 THROUGH 11-30-79
AT A TOTAL COST OF \$278,011.00
AWARD # NAS1-14136, MOD. 6
MSN L&S PHYSICS (144-H101) 18,711.00
43. NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA
DEFINITION OF PLANT CHARACTERISTICS FOR CELSS AND
STUDY OF PHYSIOLOGICAL INJURIES TO PLANTS
ANTICIPATED IN CELSS
FOR THE PERIOD 09-01-79 THROUGH 06-01-80
AWARD # NSG-2405
MSN AG&LSC HORTICULTURE (144-N586) 39,855.00
44. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
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- 1) MORPHOLOGIC-SYSTEMATIC STUDIES OF THE MALE INFLORESCENCE OF TEOSINTE FOR THE PERIOD 03-01-75 THROUGH 08-31-79 AT A TOTAL COST OF \$45,000.00 AWARD # DEB-7421861, MOD. 3 MSN L&S BOTANY (144-G200) 1,200.00
- 2) MOTILITY, MEMBRANES AND MECHANOTRANSDUCTION (REDUCTION DUE TO PI LEAVING THE UNIVERSITY) FOR THE PERIOD 11-01-77 THROUGH 08-31-79 AT A TOTAL COST OF \$115,800.00 AWARD # PCM77-09880, MOD. 2 MSN GRAD MOLECULAR BIOL (144-L053) 26,500.00-
- 3) STRUCTURING OF AQUATIC COMMUNITIES BY CRAYFISH FOR THE PERIOD 03-01-78 THROUGH 02-29-80 AT A TOTAL COST OF \$71,839.00 AWARD # DEB77-22223, MOD. 2 MSN L&S ZOOLOGY (144-L277) 11,077.00
- 4) ATMOSPHERIC CHANDLER TIDES: DESCRIPTION AND ANALYSIS FOR THE PERIOD 02-01-78 THROUGH 01-31-81 AT A TOTAL COST OF \$168,830.00 AWARD # ATM77-15213, MOD. 1 MSN ENV ST CTR FOR CLIM RES (144-L283) 87,380.00
- 5) MACROMOLECULAR HYDRODYNAMICS FOR THE PERIOD 06-15-78 THROUGH 02-28-81 AT A TOTAL COST OF \$166,295.00 AWARD # ENG78-06789, MOD. 1 MSN ENGR ENGR EXPER STA CHEM ENGR (144-L678) 87,310.00
- 6) AN ELECTRONIC MAIL-BOX AND TELECONFERENCING NETWORK FOR THEORETICAL COMPUTER SCIENCE FOR THE PERIOD 07-01-78 THROUGH 12-31-80 AWARD # MCS78-01689, MOD. 1 MSN L&S COMPUTER SCI (144-L762) 68,279.00
- 7) BRAGG INTERACTIONS IN AN ACTIVE BOUNDED PERIODIC MEDIUM FOR THE PERIOD 07-01-78 THROUGH 12-31-80 AT A TOTAL COST OF \$47,000.00 AWARD # ENG77-26708, MOD. 1 MSN ENGR ENGR EXPER STA EL&COMPUT (144-L848) 24,000.00
- 8) STRUCTURES OF LAYER SILICATE MINERALS FOR THE PERIOD 05-15-78 THROUGH 10-31-80 AT A TOTAL COST OF \$53,600.00 AWARD # EAR78-05394, MOD. 1 MSN L&S GEOL & GEOPHYSICS (144-L849) 30,000.00
- 9) U.S.-U.S.S.R. PROGRAM OF SCIENTIFIC AND TECHNICAL COOPERATION IN THE FIELD OF CATALYSIS: CHEMICAL REACTOR MODELLING-POLYMERIZATION REACTORS FOR THE PERIOD 09-01-78 THROUGH 02-28-81 AT A TOTAL COST OF \$56,730.00 AWARD # CHE78-15277, MOD. 1 MSN ENGR ENGR EXPER STA CHEM ENGR (144-M039) 29,860.00

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- 10) INTERMOLECULAR BONDING AND MICROPHASE SEPARATION
IN POLYURETHANE BLOCK POLYMERS
FOR THE PERIOD 09-01-78 THROUGH 02-28-81
AT A TOTAL COST OF \$91,580.00
AWARD # DMR78-11662, MOD. 1
MSN ENGR ENGR EXPER STA CHEM ENGR (144-M041) 46,400.00
- 11) MIGRATION, SOCIOECONOMIC ATTAINMENT, AND
DIFFERENTIAL OPPORTUNITY STRUCTURES
FOR THE PERIOD 07-01-79 THROUGH 12-31-81
AWARD # SOC-7826853
MSN L&S SOCIOLOGY (144-N060) 118,133.00
- 12) KINETIC ISOTOPE EFFECTS AS A PROBE TO CHEMICAL
REACTIVITY
FOR THE PERIOD 08-01-79 THROUGH 01-31-81
AWARD # CHE-7950005 (7911803)
MSN L&S CHEMISTRY (144-N400) 30,300.00
- 13) ENGINEERING SPECIALIZED RESEARCH EQUIPMENT: A
STRUCTURAL DYNAMICS LABORATORY
FOR THE PERIOD 07-15-79 THROUGH 12-31-80
AWARD # ENG-7910864
MSN ENGR ENGR EXPER STA CIVIL&ENV (144-N411) 48,626.00
- 14) NONLINEAR PROGRAMMING SYMPOSIUM 4
FOR THE PERIOD 09-01-79 THROUGH 08-31-81
AWARD # MCS-7911684
MSN L&S COMPUTER SCI (144-N413) 13,008.00
- 15) ENGINEERING SPECIALIZED RESEARCH EQUIPMENT: GEL
PERMEATION CHROMATOGRAPHY
FOR THE PERIOD 07-15-79 THROUGH 12-31-80
AWARD # ENG-7910882
MSN ENGR ENGR EXPER STA CHEM ENGR (144-N416) 28,000.00
- 16) COLLABORATIVE RESEARCH ON CHOMAP CLIMATES OF THE
HOLOCENE MAPPING BASED ON POLLEN DATA
FOR THE PERIOD 07-01-79 THROUGH 12-31-80
AWARD # ATM-7916443
MSN ENV ST CTR FOR CLIM RES (144-N417) 40,750.00
- 17) REGULATION OF DEVELOPMENTALLY CONTROLLED ENZYMES
FOR THE PERIOD 08-01-79 THROUGH 01-31-82
AWARD # PCM-7902692
MSN AG&LSC BACTERIOLOGY (144-N418) 112,000.00
- 18) U.S.-FRANCE EXCHANGE AWARD
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # NONE
MSN AG&LSC BIOCHEMISTRY (144-N512) 13,220.00
- 19) DEVELOPMENTAL CHANGE IN PROCESSES OF CAUSAL
ATTRIBUTION
FOR THE PERIOD 09-01-79 THROUGH 02-28-82
AWARD # BNS-7912414
MSN L&S PSYCHOLOGY (144-N547) 38,891.00

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- 20) NEW CHEMICAL REACTOR APPLICATIONS OF
CHROMATOGRAPHIC COLUMNS
FOR THE PERIOD 07-15-79 THROUGH 12-31-80
AWARD # CHE-7910129
MSN ENGR ENGR EXPER STA CHEM ENGR (144-N548) 48,380.00
- 21) ENERGY CONSERVATION IN HIGHER PLANT CHLOROPLASTS
FOR THE PERIOD 09-01-79 THROUGH 02-28-81
AWARD # PCM-7911025
MSN AG&LSC BIOCHEMISTRY (144-N552) 30,000.00
- 22) QUANTITATIVE GENETIC ASPECTS OF HOLOMETABOLOUS
DEVELOPMENT
FOR THE PERIOD 08-15-79 THROUGH 01-31-82
AWARD # DEB-7906058
MSN AG&LSC ENTOMOLOGY (144-N553) 74,000.00
- 23) RESOLUTION OF CONSUMER COMPLAINT DISPUTES
FOR THE PERIOD 08-15-79 THROUGH 07-31-82
AWARD # SOC-7910066
MSN L&S SOCIOLOGY (144-N554) 219,825.00
- 24) DEVELOPMENT OF VIDEO SYSTEMS FOR TEACHING
METEOROLOGY
FOR THE PERIOD 09-15-79 THROUGH 02-28-83
AWARD # SED-7919005
MSN GRAD SPACE SCI&ENG CT (144-N555) 186,300.00
- 25) NMR STUDIES OF ANTIBIOTIC PEPTIDES
FOR THE PERIOD 08-01-79 THROUGH 01-31-81
AWARD # PCM-7911568
MSN AG&LSC BIOCHEMISTRY (144-N556) 75,000.00
- 26) SOCIAL AND DEMOGRAPHIC SOURCES OF CHANGE IN THE
YOUTH LABOR MARKET
FOR THE PERIOD 09-01-79 THROUGH 02-28-81
AWARD # SOC-7912648
MSN L&S INST-RES ON POV (144-N573) 59,891.00
- 27) HEAVY ION REACTION THEORY
FOR THE PERIOD 01-01-79 THROUGH 12-31-79
AWARD # NONE
MSN L&S PHYSICS (144-N580) 500.00
- 28) ORGANIZATION OF AUDITORY CORTEX
FOR THE PERIOD 09-01-79 THROUGH 04-30-81
AWARD # BNS-7912939
MSN HS-MED NEUROPHYSIOLOGY (144-N594) 87,500.00
- 29) PLASMIDS AND ANTIBIOTIC - MODIFYING ENZYMES
FOR THE PERIOD 09-01-79 THROUGH 02-28-81
AWARD # PCM-7913845
MSN AG&LSC BIOCHEMISTRY (144-N595) 38,000.00
45. UNIVERSITY OF OREGON
EUGENE, OR
PRIME CONTRACTOR WITH NSF
EVOLUTIONARY EVENTS IN THE EARLY TRIASSIC OCEAN
FOR THE PERIOD 05-01-79 THROUGH 10-31-80
AWARD # AGR DTD 05-01-79
MSN L&S GEOL & GEOPHYSICS (144-N409) 3,300.00

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46.	UNIVERSITY OF MINNESOTA MINNEAPOLIS, MN PRIME CONTRACTOR WITH NSF THE STRUCTURE AND FUNCTION OF DIOXYGENASES FOR THE PERIOD 07-01-77 THROUGH 06-30-80 AT A TOTAL COST OF \$16,600.00 AWARD # E33262, MOD. 2 MSN AG&LSC BIOCHEMISTRY	(144-K755)	4,000.00
47.	VETERANS ADMINISTRATION MADISON, WI SCARCE MEDICAL SPECIALIST SERVICES CONTRACT - RADIOLOGY SERVICE FOR THE PERIOD 10-01-78 THROUGH 09-30-79 AWARD # V607P-625 MSN HS-MED RADIOLOGY	(144-M319)	150,426.00
48.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI E B FRED PROFESSORSHIP MSN GRAD	(135-0026)	30,000.00
49.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI CLINICAL NUTRITION PROGRAM MSN GRAD	(135-0035)	30,000.00
50.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI NAMED PROFESSORSHIPS MSN GRAD	(135-0200)	265,000.00
51.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI ROMNES FACULTY FELLOWS MSN GRAD	(135-0300)	155,000.00
52.	MULTIPLE DONORS INFECTIOUS DISEASE RESEARCH MSN HS-MED	(133-A182)	500.00
53.	CANCER RESEARCH- MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	
	115.00	MULTIPLE DONORS IN MEMORY OF EARL E. KNAAK, OSHKOSH, WI	
	25.00	MULTIPLE DONORS IN MEMORY OF GERALD D. NAGLE	
	20.00	MULTIPLE DONORS IN MEMORY OF KENNETH F. STEFFEN, MADISON, WI	
	10.00	MULTIPLE DONORS IN MEMORY OF MAE HEINRICH, MADISON, WI	
	10.00	MULTIPLE DONORS IN MEMORY OF ROBERT CHRISTIANSON	
	10.00	MULTIPLE DONORS IN MEMORY OF MRS. KEN PARR	
	8.00	MULTIPLE DONORS IN MEMORY OF ROSEMARY HEISER	
	15.00	MULTIPLE DONORS IN MEMORY OF MRS. BEA MARDEN	
	817.97	GREENTREE COMBINED HEALTH FUND DRIVE MADISON, WI	
	1,429.90	MIDVALE HEIGHTS COMBINED HEALTH FUND DRIVE MADISON, WI	

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53.	CANCER RESEARCH- MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	
	25.00	MULTIPLE DONORS IN MEMORY OF MRS. ADOLPH COLSON, MAZOMANIE, WI	
	20.00	MULTIPLE DONORS IN MEMORY OF JEFF WANNER, PITTSBURGH, PA	
	344.00	MULTIPLE DONORS IN MEMORY OF MRS. VALBORG RATHBUN, MADISON, WI	
	200.00	HILBERT COMMUNITY FUND HILBERT, WI	
	843.41	MULTIPLE DONORS IN MEMORY OF SUZANNE HANSEN, KENOSHA, WI	
	5.00	MULTIPLE DONORS IN MEMORY OF VALBORG RATHBUN, MADISON, WI	
	50.00	MULTIPLE DONORS IN MEMORY OF O. J. OSBORN, SHAWANO, WI	
	5.00	MULTIPLE DONORS IN MEMORY OF TIM MCCLIMON, MADISON, WI	
	25.00	MULTIPLE DONORS IN MEMORY OF ROBERT CHRISTIANSON, DOUSMAN, WI	
	30.00	MULTIPLE DONORS IN MEMORY OF RUTH ELLEN PARR, SPRING GREEN, WI	
			4,008.28
54.	UNITED FUND OF KOHLER, INC KOHLER, WI CANCER RESEARCH MSN HS-MED	(133-A251)	350.00
55.	UNITED FUND OF KOHLER, INC KOHLER, WI HEART RESEARCH MSN HS-MED	(133-A252)	350.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF DIAGNOSTIC RADIOLOGY MSN HS-MED RADIOLOGY	(133-A529)	3,104.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ANESTHESIOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED ANESTHESIOLOGY	(133-A532)	12,000.00
58.	MULTIPLE DONORS EXPERIMENTAL TESTING OF SYSTEMS OF ANIMAL MATING MSN AG&LSC MEAT&ANIMAL SCI	(133-A793)	100.00
59.	MULTIPLE DONORS ANALYSIS OF STRUCTURES MSN ENGR ENGR EXPER STA CIVIL&ENV	(133-A946)	15.00

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| 60. | 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 | (133-8208) | 250.00 |
| 61. | MILLER FOUNDATION
MARSHFIELD, WI
MORPHOLOGIC STUDIES ON HUMAN DIABETIC EYES
MSN HS-MED OPHTHALMOLOGY | (133-8286) | 5,531.00 |
| 62. | HOFFMAN-LA ROCHE, INC.
NUTLEY, NJ
STUDY OF ESTRAMUSTINE PHOSPHATE THERAPY IN
CARCINOMA OF PROSTATE REDUCED TO \$86,408 LEVEL
FOR THE PERIOD 10-01-78 THRU 09-30-79
MSN HS-MED SURGERY UROLOGY | (133-8357) | <i>Deduct</i>
3,000.00- |
| 63. | WILSON & GEO. MEYER & COMPANY
SOUTH SAN FRANCISCO, CA
POTATO RESEARCH
MSN AG&LSC PLANT PATHOLOGY | (133-8496) | 2,200.00 |
| 64. | FIELD CROP DISEASES
MSN AG&LSC PLANT PATHOLOGY | (133-8522) | |
| | 1,000.00 CHEVRON CHEMICAL COMPANY
SAN FRANCISCO, CA | | |
| | 1,000.00 MERCK & COMPANY
NEW YORK, NY | | |
| | 500.00 CHEMAGRO AGRICULTURAL DIVISION
MOBAY CHEMICAL CORPORATION
KANSAS CITY, MO | | |
| | | | 2,500.00 |
| 65. | M & H LIVESTOCK PRODUCTS CO.
EAGLE GROVE, IA
INVESTIGATE THE EFFICACY OF A PRESERVATIVE
ON LEGUME-GRASS HAYLAGE WITH SUBSEQUENT RESPONSE
BY DAIRY CATTLE
MSN AG&LSC DAIRY SCIENCE | (133-8941) | 1,115.00 |
| 66. | MULTIPLE DONORS
SUSTAINING FUND FOR CHEESE RESEARCH INSTITUTE
MSN AG&LSC FOOD SCIENCE | (133-8996) | 300.00 |
| 67. | WISCONSIN CANNERS AND FREEZERS ASSOCIATION
MADISON, WI
EVALUATION OF HERBICIDES FOR VEGETABLE PRODUCTION
MSN AG&LSC HORTICULTURE | (133-C236) | 2,000.00 |
| 68. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
RHEOLOGY FUND RESEARCH
MSN L&S CHEMISTRY | (133-C317) | 14,547.00 |

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69.	HOFFMANN-LAROCHE, INC NUTLEY, NJ INFECTIOUS DISEASE FELLOW MSN HS-MED MEDICINE	(133-C343)	16,000.00
X70.	AMERICAN CANCER SOCIETY WISCONSIN DIVISION, INC MADISON, WI SUPPORT WCCC SUMMER ASSISTANTS WHO RECEIVE TRAINING IN CANCER RESEARCH MSN HS-MED HUMAN ONCOLOGY	(133-C410)	1,600.00
71.	JOHNSON WAX FUND, INC RACINE, WI RESEARCH FELLOWSHIP MSN AG&LSC ENTOMOLOGY	(133-C423)	6,000.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CALCIUM FLEXES IN THE NORMAL AND PATHOLOGICAL RAT HEART MSN HS-MED SURGERY	(133-C462)	11,300.00
73.	FRANK M. GOLLOP MADISON, WI GRADUATE RESEARCH ASSISTANT SUPPORT MSN L&S ECONOMICS	(133-C467)	500.00
74.	RESOURCES FOR THE FUTURE WASHINGTON, DC HYPOTHETICAL AND TRAVEL COST VALUES IN OUTDOOR RECREATION MSN AG&LSC SOCIOLOGY(RURAL)	(133-C476)	30.00
75.	PROFESSOR LAURITS CHRISTENSEN MADISON, WI INTERNATIONAL COMPARISONS OF PRODUCTIVITY MSN L&S ECONOMICS	(133-C501)	2,118.04
Y76.	AMERICAN CANCER SOCIETY, INC NEW YORK, NY AMERICAN CANCER SOCIETY JUNIOR FACULTY CLINICAL FELLOWSHIP FOR THE PERIOD 07-01-78 THRU 06-30-80 AT A \$17,334 LEVEL AWARD # JFC-388A MSN HS-MED HUMAN ONCOLOGY	(133-C701)	9,334.00
77.	AMERICAN COLLEGE OF SURGEONS CHICAGO, IL AVIAN ANTI-LYMPHOCYTE GLOBULIN RESEARCH MSN HS-MED SURGERY	(133-C788)	1,250.00
78.	CYSTIC FIBROSIS FOUNDATION ROCKVILLE, MD CHEMOTAXIS, MEMBRANE TOPOGRAPHY & "IN VITRO" RESPONSE FOR THE PERIOD 03-01-79 THRU 02-28-80 AT A \$13,500 LEVEL AWARD # F580A MSN AG&LSC BIOCHEMISTRY	(133-C822)	3,000.00

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79.	MULTIPLE DONORS LIVESTOCK AND MEAT DISTRIBUTION MSN AG&LSC MEAT&ANIMAL SCI	(133-C865)	267.00
80.	ENKA AG WUPPERTAL, WEST GERMANY SALARY SUPPORT FOR WORK ON A CATALYST MEMBRANE OXYGENATOR MSN HS-MED MEDICINE	(133-C897)	18,650.00
81.	WENNER-GREN FOUNDATION FOR ANTHROPOLOGICAL RESEARCH NEW YORK, NY UNRESTRICTED GRADUATE STUDENT RESEARCH MSN L&S ZOOLOGY	(133-C908)	1,000.00
82.	LLOYD KEITH MADISON, WI WILDLIFE ECOLOGY RESEARCH MSN AG&LSC NAT RESOURCES	WLIFE ECOL (133-D065)	2,293.55
83.	APLIN & BARRETT LTD. BEAMINSTER, DORSET, ENGLAND INVESTIGATE THE NISIN SENSITIVITY OF CLOSTRIDIUM BOTULINUM STRAINS MSN AG&LSC FOOD MICRO&TOXIC	(133-D079)	4,378.00
84.	MEJSAT GAUTIER INC COMTE DE RIMOUSKI, QUEBEC, CANADA DISSERTATION RESEARCH SUPPORT FOR GRADUATE STUDENT IN THE DEPARTMENT OF METEOROLOGY FOR THE PERIOD 05-01-79 THRU 08-31-79 AT A \$1,606.81 LEVEL AWARD # P.O.# I1203 MSN L&S METEOROLOGY	(133-D087)	836.71
85.	MULTIPLE DONORS FEED SAMPLE ANALYSIS MSN AG&LSC DAIRY SCIENCE	(133-D130)	500.00
86.	RADIATION MEASUREMENTS INCORPORATED MIDDLETON, WI DEVELOPMENT OF ULTRASONIC TISSUE PHANTOM MATERIALS FOR THE PERIOD 07-01-79 THRU 12-31-79 MSN HS-MED RADIOLOGY	RADIO-PHYS (133-D198)	7,126.00
87.	STATE OF WISCONSIN DEPARTMENT OF ADMINISTRATION MADISON, WI DEGREE DAY SERVICES FOR THE PERIOD 07-01-79 THRU 06-30-80 AWARD # P.O.# ADJ-00208 MSN L&S METEOROLOGY	(133-D202)	2,000.00
88.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH ON BIRD POPULATION MSN AG&LSC NAT RESOURCES	WLIFE ECOL (133-D205)	1,500.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

89.	FIGHT FOR SIGHT, INC NEW YORK, NY LIGHT-INDUCED DEPHOSPHORYLATION OF PHOTORECEPTOR MEMBRANES FOR THE PERIOD 09-01-79 THRU 08-31-80 MSN GRAD MOLECULAR BIOL (133-0212)	3,000.00
90.	DEUTSCHER AKADEMISCHER AUSTAUSCHDIENST BONN, WEST GERMANY POSTDOCTORAL FELLOWSHIP GRANT-IN-AID MSN L&S CHEMISTRY (133-0215)	644.40
91.	FORD FOUNDATION NEW YORK, NY PROGRAM OF POSTDOCTORAL STUDY FOR UNDERREPRESENTED MINORITIES FOR THE PERIOD 05-01-79 THRU 04-30-81 AWARD # 790-0441 MSN L&S INST-RES ON POV (133-0216)	50,000.00
92.	FORD FOUNDATION NEW YORK, NY RESEARCH AND ANALYSIS OF AMERICA'S NONPROFIT SECTOR FOR THE PERIOD 07-01-79 THRU 06-30-81 AWARD # 790-0497 MSN L&S ECONOMICS (133-0217)	30,000.00
93.	MCNEIL LABORATORIES FORT WASHINGTON, PA TOLECTIN STUDY MSN HS-MED MEDICINE RHEUMATOL (133-0220)	1,700.00
94.	ANONYMOUS DONOR RESEARCH IN MENIERE'S DISEASE MSN HS-MED SURGERY OTOLARYN (133-0221)	2,500.00
95.	ANONYMOUS DONOR TEMPORAL BONE LAB MSN HS-MED SURGERY OTOLARYN (133-0222)	1,000.00
96.	CENTER FOR POLITICAL STUDIES INSTITUTE FOR SOCIAL RESEARCH ANN ARBOR, MI MEASURING POLITICAL PARTY IDENTIFICATION MSN L&S POLITICAL SCI (133-0223)	1,000.00
97.	GLOECKNER (FRED C) FOUNDATION, INC NEW YORK, NY ISOLATE AND IDENTIFY HORMONE FACTORS INVOLVED IN HERBACEOUS PLANT FLOWERING MSN AG&LSC HORTICULTURE (133-0224)	6,000.00
98.	ECKE (PAUL) POINSETTIAS ENCINITAS, CA NATURE, DETECTION AND CONTROL OF VIRUS IN POINSETTIA FOR THE PERIOD 09-01-79 THRU 08-31-80 MSN AG&LSC PLANT PATHOLOGY (133-0225)	13,410.00

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RESEARCH

99.	MAZY (JOSIAH JR.) FOUNDATION NEW YORK, NY MACY FACULTY SCHOLAR AWARD FOR THE PERIOD 08-01-79 THRU 07-31-80 MSN HS-MED PHYSIOLOG CHEM	(133-D227)	25,500.00
100.	MULTIPLE DONORS ENDOCRINOLOGY RESEARCH MSN HS-MED MEDICINE	ENDOCRINOL (133-D228)	100.00
101.	CEREBRAL PALSY, INC GREEN BAY, WI RESEARCH AND DEVELOPMENT OF COMMUNICATION AND CONTROL AIDS FOR THE SEVERELY PHYSICALLY HANDICAPPED MSN GRAD WAISMN RETARD CT	(133-D229)	25,000.00
102.	FIGHT FOR SIGHT, INC NEW YORK, NY CILINARY BODY CIRCULATION IN MONKEYS FOR THE PERIOD 09-01-79 THRU 08-31-80 MSN HS-MED OPHTHALMOLOGY	(133-D230)	6,980.00
103.	MULTIPLE DONORS IN MEMORY OF EDWARD HEIMANN, FORT ATKINSON, WI CARDIOVASCULAR RESEARCH MSN HS-MED MEDICINE	CARDIOLOGY (133-D232)	300.00
104.	NATIONAL FOUNDATION MARCH OF DIMES WHITE PLAINS, NY SUBSTRATE-MEDIATED CONTROL OF LUNG PHOSPHATIDYL- CHOLINE BIOSYNTHESIS AS RELATED TO NEONATAL RESPIRATORY DISTRESS SYNDROME FOR THE PERIOD 09-01-79 THRU 06-30-80 AWARD # 5-139 MSN HS-MED PEDIATRICS	(133-D233)	16,937.00
105.	NATIONAL FOUNDATION MARCH OF DIMES WHITE PLAINS, NY REGULATORY ROLE OF THE PLASMA MEMBRANE IN LYMPHOCYTE DIFFERENTIATION FOR THE PERIOD 09-01-79 THRU 06-30-80 AWARD # 5-141 MSN HS-MED PHYSIOLOG CHEM	(133-D234)	18,020.00
106.	KIDNEY FOUNDATION OF WISCONSIN, INC MADISON, WI RESEARCH IN TRANSPLANTATION MSN HS-MED SURGERY	GEN SURG (133-D236)	1,500.00
107.	KIDNEY FOUNDATION OF WISCONSIN, INC MADISON, WI ANTIGENIC AND BIOCHEMICAL ANALYSIS OF GLOMERULAR BASEMENT MEMBRANE MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-D238)	1,500.00

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RESEARCH

108.	KIDNEY FOUNDATION OF WISCONSIN, INC MILWAUKEE, WI LABORATORY METHODS FOR MONITORING AZATHIOPRINE MSN HS-PHR PHARMACY (133-0239)	1,500.00
109.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN VANCOMYCIN HYDROCHLORIDE CLEARANCE DURING PERITONEAL DIALYSIS MSN HS-PHR PHARMACY (133-0240)	2,300.00
110.	STEVE WEBEL REPRODUCTIVE CONSULTING SERVICE MCHENRY, IL ESTRUS CONTROL IN SWINE MSN AG&LSC MEAT&ANIMAL SCI (133-0241)	1,000.00
x 111.	UPJOHN COMPANY KALAMAZOO, MI HEMODYNAMIC EFFECTS OF IBUPROFEN ON NORMAL AND PARTIALLY STENOSED DOG CORONARY ARTERIES FOR THE PERIOD 08-01-79 THRU 07-31-80 MSN HS-MED MEDICINE CARDIOLOGY (133-0244)	5,800.00
x 112.	QUAKER OATS COMPANY CHICAGO, IL DEVELOPMENT OF HIGH QUALITY AND DISEASE RESISTANT OATS MSN AG&LSC AGRONOMY (133-0829)	6,000.00
113.	MALTING BARLEY IMPROVEMENT ASSOCIATION MILWAUKEE, WI STUDY OF THE IMPROVEMENT OF BARLEY BY MEANS OF A BREEDING PROGRAM AND FUNDAMENTAL FACTORS WHICH AFFECT LODGING IN BARLEY MSN AG&LSC AGRONOMY (133-2296)	300.00
114.	MALTING BARLEY IMPROVEMENT ASSOCIATION MILWAUKEE, WI STUDY THE MALTING QUALITY OF NEW BARLEY SELECTIONS FOR THE PERIOD 08-01-79 THRU 07-31-80 MSN AG&LSC AGRONOMY (133-2552)	46,651.00
115.	ALCOA FOUNDATION PITTSBURGH, PA STUDY OF BASIC AND CLINICAL ASPECTS OF EXPERIMENTAL FLOURINE TOXICOSIS MSN AG&LSC BIOCHEMISTRY (133-3220)	3,000.00
116.	MULTIPLE DONORS SUPPORT CENTER FOR THE STUDY OF ORGANIZATIONAL PERFORMANCE MSN BUS BUSINESS, SCH OF (133-3516)	44.25
117.	LEUKEMIA RESEARCH-DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS (133-3535)	
	25.00 MULTIPLE DONORS IN MEMORY OF BRADLEY DEWING	
	25.00 MULTIPLE DONORS	
		50.00

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RESEARCH

118.	KREMERS-URBAN COMPANY MILWAUKEE, WI STUDY OF THE KININ ACTIVITY OF LIVER MSN AG&LSC BIOCHEMISTRY	(133-3924)	1,000.00
119.	INGERSOLL MILLING MACHINE COMPANY ROCKFORD, IL RESEARCH ON MILLING OPERATIONS MSN ENGR ENGR EXPER STA MECH ENGR	(133-5604)	14,000.00
120.	QUAKER OATS COMPANY CHICAGO, IL RESEARCH ON IMPROVEMENT BY BREEDING AND SELECTION OF THE PROTEIN CONTENTS OF OATS MSN AG&LSC AGRONOMY	(133-5866)	15,000.00
121.	BIRTH DEFECTS RESEARCH MSN HS-MED	(133-6813)	
	4.00 MULTIPLE DONORS IN MEMORY OF BRANDI BRITON, MACOMB, IL		
	10.00 MULTIPLE DONORS IN MEMORY OF BRANDI BRINTON, MACOMB, IL		
			14.00
122.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BIODYNAMICS LABORATORY RESEARCH PROGRAM MSN EDUC PHY ED & DANCE BIODYN LAB	(133-7153)	300.00
123.	SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	
	1,200.00 ELI LILLY & COMPANY GREENFIELD, IN		
	1,000.00 STAUFFER CHEMICAL COMPANY MOUNTAIN VIEW, CA		
	1,000.00 AMERICAN HOECHST CORPORATION SOMERVILLE, NJ		
			3,200.00
124.	UPJOHN COMPANY KALAMAZOO, MI BIOLOGICAL EFFECTS OF PREPARATIONS HAVING POSSIBLE VALUE AS ANTHELMENTICS AND/OR AS PARASITICIDES MSN AG&LSC VETERINARY SCI	(133-8749)	8,000.00
125.	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI AGRONOMY SMALL GRAIN RESEARCH FUND MSN AG&LSC AGRONOMY	(133-9179)	12,609.76

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UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

126. REFRIGERATION RESEARCH FOUNDATION
WASHINGTON, DC
STUDY OF THE FACTORS AFFECTING QUALITY OF FROZEN
MOZZARELLA CHEESE
MSN AG&LSC FOOD SCIENCE (133-9955) 9,520.10

STUDENT AID

1. ELVA S. FADNESS, RIO, WI
MARJORIE MACLACHLAN SCHOLARSHIP FUND
MSN (TRUST) 100.00

2. MULTIPLE DONORS
HARRY WAISMAN MEMORIAL FUND
MSN (TRUST) 25.00

3. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE WORK-STUDY PROGRAM (FEDERAL SHARE)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008014553
MSN G SERV FELLOWS & SCHOLS (145-0180) 2,344,072.00

4. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:

1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
PROGRAM (INITIAL GRANTS)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008034553
MSN G SERV FELLOWS & SCHOLS (146-0009) 1,093,446.00

2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
PROGRAM (CONTINUING GRANTS)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008044553
MSN G SERV FELLOWS & SCHOLS (146-0010) 984,855.00

5. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
NATIONAL DIRECT STUDENT LOAN PROGRAM (STUDENT
LOANS)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008024553
MSN S LOAN STU LOANS NDSL (LOANS) 3,462,925.00

6. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
BASIC EDUCATIONAL OPPORTUNITY GRANTS PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008002947
MSN G SERV FELLOWS & SCHOLS (148-A080) 3,489,831.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

7. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) NATIONAL DIRECT STUDENT LOAN PROGRAM
(ADMINISTRATIVE EXPENSE FOR MADISON LOAN OFFICE)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008024553
MSN BUS SV BURSAR (144-C012) 75,000.00
 - 2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
PROGRAM, NATIONAL DIRECT STUDENT LOAN PROGRAM
& COLLEGE WORK-STUDY PROGRAM (ADMINISTRATIVE
EXPENSE)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008034553
MSN AC SVC STU FINAN AIDS (144-N215) 250,000.00
 - 3) FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH
ABROAD PROGRAM. THIS PROJECT ALSO INCLUDES
YUGOSLAVIAN DINARS AND EGYPTIAN POUNDS THE
EQUIVALENT OF \$29,695 TO BE USED IN YUGOSLAVIA
AND EGYPT.
FOR THE PERIOD 07-01-79 THROUGH 12-31-80
AWARD # G007902939
MSN GRAD ADMINISTRATION ADMIN (144-N517) 46,074.00
8. JUSTICE LAW ENFORCEMENT ASSISTANCE ADM
WASHINGTON, DC
LAW ENFORCEMENT EDUCATION PROGRAM
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 79LPAX0664
MSN G SERV FELLOWS & SCHOLS (144-N559) 38,200.00
9. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
UNDERGRADUATE SCHOLARSHIP FUND
MSN G SERV FELLOWS & SCHOLS (133-0498) 100,000.00
10. RALSTON PURINA COMPANY
ST. LOUIS, MO
RALSTON PURINA UNDERGRADUATE SCHOLARSHIP IN
AGRICULTURE
MSN AG&LSC ADM-RESID INSTR (133-2005) 650.00
11. OSCAR MAYER FOUNDATION, INC
MADISON, WI
STUDENT FINANCIAL AID FUND
MSN G/SERV FELLOWS & SCHOLS (133-2109) 1,500.00
12. CUNA MUTUAL AND CUMIS CHARITABLE FOUNDATION
MADISON, WI
THOMAS W. DOIG FELLOWSHIP
MSN BUS BUSINESS SCH OF (133-2194) 1,500.00

GIFTS, GRANTS AND CONTRACTS
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STUDENT AID

13.	EMPLOYERS INSURANCE OF WAUSAU WAUSAU, WI HAGGE-BURHOP RESEARCH ASSISTANTSHIP MSN BUS BUSINESS, SCH OF	(133-2402)	3,000.00
14.	GRANT (ALEXANDER) COMPANY CHICAGO, IL ALEXANDER GRANT ACCOUNTING SCHOLARSHIP MSN BUS BUSINESS, SCH OF	(133-2971)	250.00
15.	INDEPENDENT INSURANCE AGENTS OF WISCONSIN MADISON, WI SCHOLARSHIP IN THE SCHOOL OF BUSINESS MSN BUS BUSINESS, SCH OF	(133-2977)	1,000.00
16.	CUNA MUTUAL AND CUMIS CHARITABLE FOUNDATION MADISON, WI ROBERT E COTTERMAN FELLOWSHIP MSN BUS BUSINESS, SCH OF	(133-2995)	1,500.00
17.	MOORMAN COMPANY FUND QUINCY, IL UNDERGRADUATE SCHOLARSHIP IN AGRICULTURE MSN AG&LSC ADM-RESID INSTR	(133-3834)	3,000.00
18.	NORWICH-EATON PHARMACEUTICALS NORWICH, NY UROLOGY RESIDENCY PROGRAM MSN HS-MED SURGERY GEN SURG	(133-5959)	600.00
19.	MARATHON ELECTRIC WAUSAU, WI ELECTRICAL AND MECHANICAL ENGINEERING SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-6003)	1,500.00
20.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HARRY A BULLIS SCHOLARSHIP FUND MSN BUS BUSINESS, SCH OF	(133-6107)	200.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF MUSIC SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC	(133-7137)	6,700.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STEPHENSON SCHOLARSHIP FUND MSN G SERV FELLOWS & SCHOLS	(133-7526)	1,350.00
23.	BRANN (ETHEL M) FOUNDATION, INC GREEN BAY, WI SCHOLARSHIP FOR GRADUATE STUDY IN THE AREA OF PUBLIC LIBRARIANSHIP MSN L&S LIBRARY SCHOOL	(133-7541)	500.00

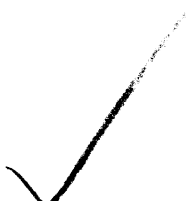
GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NELL M. AND EDWARD P. MCFETRIDGE SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS (133-9294)	3,000.00
25.	ANONYMOUS DONOR M.E.O. FUND FOR FELLOWSHIP SUPPORT OF A GRADUATE STUDENT FROM ASIA OR AFRICA WORKING TOWARD A PH.D. AT THE GRADUATE SCHOOL IN MADISON IN THE FIELDS OF HISTORY, POLITICAL SCIENCE, EDUCATION, SOCIOLOGY, ECONOMICS OR AGRICULTURAL ECONOMICS MSN GRAD (133-9569)	5,265.00
TOTAL MADISON		24,613,026.23 =====

INSTRUCTION	627,071.00
LIBRARIES	637.16
MISCELLANEOUS	356,396.98
PHYSICAL PLANT	105,683.00
RESEARCH	11,607,195.09
STUDENT AID	11,916,043.00



GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, D.C.
TRAINING EDUCATORS OF ADULTS IN TRANSITION
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
MIL EDUC ADMIN LEADERSHIP (144-N168) 7,103.00
2. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH
HYATTSVILLE, MD
PROFESSIONAL NURSE-TRAINEESHIP PROGRAM
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 2A11 NU00274-04 NGR
MIL NURS NURSING (144-N589) 42,150.00
3. LABOR, DEPT. OF
WASHINGTON, DC
HIGH SCHOOL EQUIVALENCY PROGRAM
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # 99-9-237-31-26
MIL EDUC ADMINISTRATION (144-N593) 377,027.00
4. WISCONSIN HUMANITIES PROGRAM
MADISON, WI
PRIME CONTRACTER WITH NEW
WISCOSEH: THE PAST IN THE LIGHT OF THE PRESENT
FOR THE PERIOD 08-01-79 THROUGH 03-31-80
AWARD # G-FY78-128 (H)
MIL L&S NATIVE AMER STU NATV AMER (144-N545) 835.00

MISCELLANEOUS

1. HOUSING AND URBAN DEVELOPMENT, DEPT. OF
WASHINGTON, D.C.
INTERGOVERNMENTAL PERSONNEL ACT ASSIGNMENT
AGREEMENT
MIL GRAD DEANS OFFICE ADMIN (144-N508) 33,091.00
2. SMALL BUSINESS ADMINISTRATION
PROVIDE MANAGEMENT COUNSELING AND TECHNICAL ASSIST
ANCE TO SMALL BUSINESS CONCERNS
FOR THE PERIOD 10-01-77 THROUGH 06-30-79
AWARD # SBA-1292-MA-78
MIL BUS AD ADMINISTRATION (144-E705) 1,000.00
3. WISCONSIN DEPARTMENT OF NATURAL RESOURCES
MILWAUKEE, WI
BERTHING LEASE AT GREAT LAKES RESEARCH FACILITY
MIL GRAD GRT LAKES RES F GT LKS RES (133-B805) 750.00
4. UWM ALUMNI ASSOCIATION
MILWAUKEE, WI
DISCRETIONARY ACCOUNT
MIL U/REL ALUMNI (133-C616) 500.81

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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

1. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
METAL COMPLEXES OF KNOWN ANTITUMOR AGENTS
FOR THE PERIOD 08-01-79 THROUGH 07-31-80
AWARD # 5 R01 CA22184-03
MIL L&S CHEMISTRY (144-N590) 45,339.00
2. DOD, NAVY
ARLINGTON, VA
FOURTH INTERNATIONAL SUMMER INSTITUTE IN SURFACE
SCIENCE (ISSS 1979)
FOR THE PERIOD 04-01-79 THROUGH 03-31-80
AWARD # N00014-79-G-0035
MIL GRAD SURFACE STUDIES (144-N407) 11,000.00
3. DEPARTMENT OF JUSTICE, LEAA
WASHINGTON, D.C.
TEENAGERS ATTITUDES TOWARD RAPE
FOR THE PERIOD 09-01-79 THROUGH 02-28-81
AWARD # 79-JN-AX-0022
MIL GRAD ST MINOR& DISADV (144-N592) 177,700.00
4. NATIONAL SCIENCE FOUNDATION
WASHINGTON, D.C.
IN SUPPORT OF THE FOLLOWING:
 - 1) CONFERENCE ON CURRENT APPROACHES TO SYNTAX
FOR THE PERIOD 11-01-78 THROUGH 10-31-79
AWARD # BNS 7817098 A01
MIL L&S LINGUISTICS (144-M430) 2,800.00
 - 2) SOLIDIFICATION STUDIES
FOR THE PERIOD 09-01-79 THROUGH 02-28-81
AWARD # DMR-7908820
MIL ENG&AS MATERIALS (144-N591) 66,386.00
5. ILLINOIS DEPARTMENT OF TRANSPORTATION/
SPRINGFIELD, ILL
A SITE EVALUATION STUDY OF ARCHAEOLOGICAL SITE
MC-86 MERCER COUNTY, ILLINOIS
MIL L&S ANTHROPOLOGY (133-B800) 2,000.00
6. MILWAUKEE COUNTY PARK COMMISSION
MILWAUKEE, WI
ARCHAEOLOGICAL SURVEY OF JOHNSTONE PARK
MIL L&S ANTHROPOLOGY (133-C641) 777.00
7. LOUIS ALLIS
NEW BERLIN, WI
MECHANICAL PROJECTS AND TESTING
MIL ENG&AS IND & SYSTS ENGR (133-C642) 520.00
8. BOEING COMPANY
SEATTLE, WA
SURVEY OF CURRENT USAGE OF MANUFACTURING CELLS
AWARD # PO Y-585230-0935N
MIL BUS AD ADMINISTRATION (133-C645) 7,896.00

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - MILWAUKEE

STUDENT AID

1.	FRANCES H. CUNNINGHAM SCHOLARSHIP TRUST FUND MIL NURS NURSING (TRUST)		
	5.00 SUSAN K. RIESCH WHITEFISH BAY, WI		
	5.00 GEORGE M. & PATRICIA J. KACHELMEYER BROWN DEER, WI		
	30.00 ROBERT FULLER MARY LOUISE SEIDITA ELEANOR STRELNICK MILWAUKEE, WI		
			40.00
2.	GEORGE P. ETTENHEIN TRUST FUND MIL SS&S P ADMISSIONS FIN AID (TRUST)		
	25.00 JANET H. KRAUSKOPF MILWAUKEE, WI		
	20.00 A. CLARKE HAGENSICK MILWAUKEE, WI		
			45.00
3.	DHEW, OFFICE OF EDUCATION WASHINGTON, D.C. NATIONAL DIRECT STUDENT LOANS FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # P008024554 MIL SS&S P ADMISSIONS FIN AID (LOANS)		615,983.00
4.	JUSTICE, LAW ENFORCEMENT ASSISTANCE ADM WASHINGTON, D.C. LAW ENFORCEMENT EDUCATION PROGRAM FOR THE PERIOD 08-01-79 THROUGH 07-31-80 AWARD # 79L8AX0665 MIL SS&S P FINANCIAL AID (144-N588)		60,600.00
5.	VICTOR BARNOUW MILWAUKEE, WI *VICTOR BARNOUW SCHOLARSHIP FUND* MIL GRAD DEANS OFFICE ADMIN (133-A429)		500.00
6.	U. W. FOUNDATION MILWAUKEE, WI WALTER H. WENZEL SCHOLARSHIP (MILWAUKEE ASSOCIATION OF PURCHASING MANAGEMENT) MIL BUS AD ADMINISTRATION (133-C601)		1,500.00
7.	MILWAUKEE FOUNDATION MILWAUKEE, WI UWM SCHOLARSHIP FUND MIL SS&S P ADMISSIONS FIN AID (133-5873)		1,000.00
8.	GRANT (HARRY J) FOUNDATION C/O DONALD B. ABERT MILWAUKEE, WI HARRY J. GRANT SCHOLARSHIP FUND MIL L&S COMMUNICATION COMMUNICAT (133-6890)		3,300.00

GIFTS, GRANTS AND CONTRACTS
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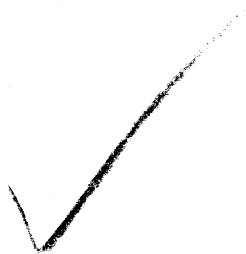
UNIVERSITY OF WISCONSIN - MILWAUKEE

STUDENT AID

9. VARIOUS DONORS
MILWAUKEE, WI
HUMAN RESOURCES DEVELOPMENT FUND
MIL S&S P ADMISSIONS FELE&SCHOLS (133-7114) 273.60

TOTAL MILWAUKEE 1,460,116.41
=====

INSTRUCTION 427,115.00
MISCELLANEOUS 35,341.81
RESEARCH 314,418.00
STUDENT AID 683,241.60



GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - GREEN BAY

INSTRUCTION

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
VETERANS' COST OF INSTRUCTION PROGRAM
(REDUCED TO REFLECT ACTUAL ENROLLMENT)
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AT A TOTAL COST OF \$9,896.00
AWARD # P007855050, MOD. 1
GBY REGISTR REGISTRAR (144-M198) 255.00-

RESEARCH

1. WI DEPT OF ADMINISTRATION
MADISON, WI
PRIME CONTRACTOR WITH DOE
BROWN COUNTY ENERGY CONSERVATION CENTER
FOR THE PERIOD 07-01-79 THROUGH 12-31-80
AWARD # 79111
GBY ENV SC SCI& ENVIRON CHG (144-N414) 93,369.00
2. GOVERNOR'S EMPLOYMENT AND TRAINING OFFICE
MADISON, WI
PRIME CONTRACTOR WITH LABOR
ACADEMIC CREDIT FOR WORK EXPERIENCE IN WISCONSIN
FOR THE PERIOD 05-01-79 THROUGH 09-30-79
AWARD # GLAD-79-965
GB O ED D ADMINISTRATION (144-N052) 36,662.00
3. BROWN COUNTY SOLID WASTE MANAGEMENT BOARD
GREEN BAY, WI
OPERATIONAL WATER QUALITY MONITORING AT BROWN
COUNTY'S SANITARY LANDFILLS
GBY ENV SC SCI& ENVIRON CHG (133-B833) 3,150.00
4. ELM RESEARCH INSTITUTE
HARRISVILLE, NH
CHEMOTHERAPY OF THE DUTCH ELM DISEASE
GBY ENV SC SCI& ENVIRON CHG (133-C276) 3,542.00
5. MCGRAW (MAX) WILDLIFE FOUNDATION
DUNDEE, IL
GREY PARTRIDGE RESEARCH PROJECT
GBY ENV SC SCI& ENVIRON CHG (133-C870) 500.00

STUDENT AID

1. UNIVERSITY LEAGUE,
GREEN BAY, WI
THELMA DU CHAINE SHORT-TERM LOAN FUND
GBY (LOANS) 100.00
2. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE WORK-STUDY PROGRAM (FEDERAL SHARE)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008014553
GB ST AID FEL & SCHOL-AOG (145-5180) 427,500.00

GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - GREEN BAY

STUDENT AID

3. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM (INITIAL AWARDS)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008034553
GB ST AID FEL & SCHOL-AOG (146-5009) 193,893.00
 - 2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM (CONTINUING AWARDS)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008044553
GB ST AID FEL & SCHOL-AOG (146-5010) 147,941.00
4. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
NATIONAL DIRECT STUDENT LOAN PROGRAM (STUDENT LOANS)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008024553
GB ST AID STUDENT LOAN FD (LOANS) 285,273.00
5. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) BASIC EDUCATIONAL OPPORTUNITY GRANTS PROGRAM
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AT A TOTAL COST OF \$628,078.00
AWARD # P007902950
GB ST AID FEL & SCHOL-AOG (148-D079) 128,078.00
 - 2) BASIC EDUCATIONAL OPPORTUNITY GRANTS PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008002950
GBY STU SV FINANCIAL AIDS (148-D080) 589,053.00
6. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) COLLEGE WORK-STUDY PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008014553
GBY STU SV FINANCIAL AIDS (144-N216) 22,500.00
 - 2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM (ADMINISTRATIVE EXPENSE)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008034553 & P008044553
GBY STU SV FINANCIAL AIDS (144-N265) 13,674.00
 - 3) NATIONAL DIRECT STUDENT LOAN PROGRAM (ADMINISTRATIVE EXPENSE)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008024553
GBY STU SV FINANCIAL AIDS (144-9790) 11,411.00



GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - GREEN BAY

STUDENT AID

7. JUSTC, LAW ENFORCEMENT ASSISTANCE ADM
 WASHINGTON, DC
 LAW ENFORCEMENT EDUCATION PROGRAM
 FOR THE PERIOD 08-01-79 THROUGH 07-31-80
 AWARD # 79LPAX0667
 GB ST AID FEL & SCHOL-AOG (144-N558) 4,500.00

8. HONEYWELL FUND NO. 2
 MINNEAPOLIS, MN
 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 & ATHLETICS - MEN (133-7213) 1,000.00

TOTAL GREEN BAY 1,961,891.00
 =====

INSTRUCTION 255.00-
 RESEARCH 137,223.00
 STUDENT AID 1,824,923.00



GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - LACROSSE

EXTENSION AND PUBLIC SERVICE

1. U.W. - EXTENSION
MADISON, WI
PRIME CONTRACTOR WITH DOE
TRAINING TEACHERS IN ENERGY EDUCATION
FOR THE PERIOD 01-01-79 THROUGH 12-31-79
AT A TOTAL COST OF \$15,905.00
LAC D U O CTR-REG&ENV STU (144-5805)
2. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
YOUTH PROJECT WITH LACROSSE PUBLIC LIBRARY ON
WINNEBAGO HISTORY AND CULTURE
FOR THE PERIOD 08-01-79 THROUGH 12-31-79
AWARD # A2-0044-79-988
LAC ACAD S INST-MINORITY ST (144-0629) 5,110.00
3. KELLOGG FOUNDATION
BATTLE CREEK, MI
TREMPELEAU CO. CABLE-TV PROJECT
FOR THE PERIOD 01-01-79 THROUGH 12-31-79
LAC D U O UW-LAC OUTREACH UW-L OUTRH (133-5630) 7,843.00
4. CORPORATION FOR PUBLIC BROADCASTING
WASHINGTON, DC
CPB RADIO DEVELOPMENT WORKSHOPS
LAC L&S MASS COMMUN (133-6312) 233.00

GIFT-IN-KIND

1. FRANCIS WHITAKER
ASPEN, CO
ART METAL OBJECTS
LAC
2. LESLIE BURCH
LACROSSE, WI
ONE SKELETON AND VARIOUS ARTICLES FOR THEATRE
DEPARTMENT
LAC
3. HOWARD MUMFORD JONES
CAMBRIDGE, MA
ORIGINAL MANUSCRIPT OF AUTOBIOGRAPHY
LAC

INSTRUCTION

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) TRAINING PROGRAM IN PHYSICAL EDUCATION FOR THE
HANDICAPPED
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AWARD # G007801796
LAC H, PE&R SP POPULATN PRGS (144-2901) 30,000.00



GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - LACROSSE

INSTRUCTION

- | | | | |
|----|---|------------|-----------|
| 2) | SPECIAL SERVICES FOR THE DISADVANTAGED
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # G007803624
LAC STU AF ACAD SKILLS CTR | (144-7700) | 88,431.00 |
| 3) | TRAINING GRANT IN SPECIAL EDUCATION
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AWARD # G007801481
LAC L&S PSYCHOLOGY | (144-7852) | 35,000.00 |
| 2. | NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
COMPUTER-ASSISTED INSTRUCTION IN BASIC ECONOMICS
FOR THE PERIOD 04-01-79 THROUGH 09-30-81
AWARD # SER-7900866
LAC BUS AD ECON & FINANCE | (144-4519) | 24,239.00 |
| 3. | UW - LACROSSE FOUNDATION
LACROSSE, WI
WRITING WORKSHOP
FOR THE PERIOD 05-05-79 THROUGH 06-30-79
LAC L&S ENGLISH | (133-3640) | 1,500.00 |

MISCELLANEOUS

- | | | | |
|----|---|------------|----------|
| 1. | COUNTY OF LACROSSE
LACROSSE, WI
PRIME CONTRACTOR WITH LABOR
CETA POSITION
FOR THE PERIOD 04-23-79 THROUGH 09-30-79
AWARD # T2PE-78-505
LAC D U O PLAC & CAREER AD | (144-5500) | 3,198.00 |
|----|---|------------|----------|

RESEARCH

- | | | | |
|----|--|------------|------------|
| 1. | NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
BLACK ABOLITIONIST EDITORIAL PROJECT
FOR THE PERIOD 09-01-79 THROUGH 08-31-80
AWARD # RE-29040-78-1121
LAC ACAD S INST-MINORITY ST | (144-0620) | 110,000.00 |
| 2. | EXXON FOUNDATION
NEW YORK, NY
BLACK ABOLITIONIST EDITORIAL PROJECT
FOR THE PERIOD 07-01-79 THROUGH 08-31-80
LAC ACAD S INST-MINORITY ST | (133-0621) | 11,263.00 |
| 3. | DAYTON-HUDSON FOUNDATION
MINNEAPOLIS, MN
ARCHAEOLOGICAL DIG AT VALLEY VIEW SITE
FOR A PERIOD BEGINNING 06-01-79
LAC L&S SOCIOL & ANTHROP | (133-8816) | 8,000.00 |



GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - LACROSSE

STUDENT AID

1.	DHEW, OFFICE OF EDUCATION WASHINGTON, DC SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM (INITIAL AWARDS) FOR THE PERIOD 07-01-78 THROUGH 06-30-79 AWARD # P007934552 LAC STU AF FIN ASSIST TO ST	(146-5510)	4,000.00
2.	DHEW, OFFICE OF EDUCATION WASHINGTON, DC BASIC EDUCATIONAL OPPORTUNITY GRANTS PROGRAM FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # P008002955 LAC STU AF FIN ASSIST TO ST	(148-5520)	1,136,734.00
	TOTAL LACROSSE		1,465,551.00 =====
	EXTENSION AND PUBLIC SERVICE		13,186.00
	INSTRUCTION		179,170.00
	MISCELLANEOUS		3,198.00
	RESEARCH		129,263.00
	STUDENT AID		1,140,734.00



GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - OSHKOSH

EXTENSION AND PUBLIC SERVICE

1. WINNE-FOND CONSORTIUM
OSHKOSH, WI
PRIME CONTRACTER WITH LABOR
SUMMER YOUTH EMPLOYMENT PROGRAM-CETA TITLE IV
FOR THE PERIOD 06-11-79 THROUGH 09-30-79
AWARD # 9406
OSH EDUC INSTRUCTION (144-4497) 168,538.00
2. CAP SERVICES, INC
STEVENS POINT, WI
PRIME CONTRACTER WITH LABOR
SUMMER YOUTH EXPERIENCE PROGRAM
FOR THE PERIOD 06-18-79 THROUGH 08-31-79
OSH EDUC INSTRUCTION (144-4496) 3,000.00

INSTRUCTION

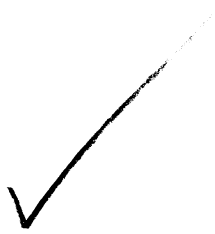
1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
TEACHER CORPS SECOND YEAR
FOR THE PERIOD 07-15-79 THROUGH 07-14-80
AWARD # G007803207
OSH EDUC INSTRUCTION (144-4493) 152,197.00
2. GOVERNOR'S EMPLOYMENT AND TRAINING OFFICE
MADISON, WI
PRIME CONTRACTER WITH LABOR
ADMINISTRATIVE SUPPORT ACTIVITIES PROGRAM UNDER
CETA
FOR THE PERIOD 05-01-79 THROUGH 09-30-79
AWARD # GLAD-79-982
OSH EDUC INSTRUCTION (144-4492) 15,017.00

LIBRARIES

1. WINNE-FOND CONSORTIUM
OSHKOSH, WI
PRIME CONTRACTER WITH LABOR
SUMMER YOUTH EMPLOYMENT PROGRAM (CAMP KO DA)
WITH THE INSTITUTE OF HUMAN DESIGN
FOR THE PERIOD 06-11-79 THROUGH 09-30-79
AWARD # 9404
OSH EDUC DEANS OFFICE DEANS OFF (144-4491) 12,664.00

STUDENT AID

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE WORK-STUDY PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008014555
OSH STU A WORK STUDY STU SVCS (145-4511) 518,515.00



GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - OSHKOSH

STUDENT AID

- 2. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY PROGRAM-
INITIAL (SEOG)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008034555
OSH STU A ED OPPOR GRANTS (146-4612) 233,256.00
 - 2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY PROGRAM-
CONTINUING (SEOG)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008044555
OSH STU A ED OPPOR GRANTS (146-4613) 105,825.00
 - 3. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
NATIONAL DIRECT STUDENT LOAN PROGRAM (NDSL)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008024555
OSH STU A NATL DIR STU LNS (LOANS) 378,231.00
 - 4. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM-
(BEOG)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008002956
OSH STU A ED OPPOR GRANTS (148-4803) 1,341,475.00
- TOTAL OSHKOSH 2,928,718.00
=====
- | | | |
|------------------------------|--------------|--|
| EXTENSION AND PUBLIC SERVICE | 171,538.00 | |
| INSTRUCTION | 167,214.00 | |
| LIBRARIES | 12,664.00 | |
| STUDENT AID | 2,577,302.00 | |



GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - PARKSIDE

GIFT-IN-KIND

1. THE NATURE CONSERVANCY
DISTRICT OF COLUMBIA
EAST THIRTEEN ACRES OF THE NORTHWEST QUARTER OF
SOUTHEAST QUARTER OF SECTION 14, TOWNSHIP 4
NORTH OF RANGE 22 EAST, TOWN OF CALEDONIA,
RACINE COUNTY, WISCONSIN TO BE ADMINISTERED
BY UW-PARKSIDE AS NATURE PRESERVE. THE PARCEL
IS TO BE KNOWN AS "POLAK WOODS" IN MEMORY OF
FRANK POLAK AND HENRY POLAK
PKS

INSTRUCTION

1. GOVERNOR'S EMPLOYMENT AND TRAINING OFFICE
MADISON, WI
PRIME CONTRACTOR WITH LABOR
DEVELOPING A CAREER-ORIENTED READING CURRICULUM
FOR THE PERIOD 05-01-79 THROUGH 09-30-79
AWARD # GLAD-79-984
PKS SC&SOC EDUCATION (144-N047) 12,888.00

MISCELLANEOUS

1. MULTIPLE DONORS
SUPPORT OF INSTRUCTION AND RESEARCH IN THE USE OF
THE SCANNING ELECTRON MICROSCOPE AT UW-PARKSIDE
PKS SC&SOC SCIENCE EARTH SCI (133-9575) 150.00

RESEARCH

1. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
ROLE OF THE PINEAL GLAND AND PHOTOPERIOD IN THE
REGULATION OF REPRODUCTIVE ACYCLICITY
FOR THE PERIOD 08-01-79 THROUGH 01-31-82
AWARD # PCM-7823377
PKS SC&SOC SCIENCE LIFE SCI (144-N412) 40,000.00

STUDENT AID

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE WORK-STUDY PROGRAM (FEDERAL SHARE)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008014556
PKS BUS SV FELLOWS & SCHOLS (145-3180) 151,344.00
2. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:

GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - PARKSIDE

STUDENT AID

1)	SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM (INITIAL GRANTS) FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # P008034556 PKS BUS SV FELLOWS & SCHOLS	(146-3009)	193,909.00
2)	SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM (CONTINUING AWARDS) FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # P008044556 PKS BUS SV FELLOWS & SCHOLS	(146-3010)	196,786.00
3.	DHEW, OFFICE OF EDUCATION WASHINGTON, DC NATIONAL DIRECT STUDENT LOAN PROGRAM (STUDENT LOANS) FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # P008024556 PKS SL&W-S STUDENT LOANS	(LOANS)	139,427.00
4.	DHEW, OFFICE OF EDUCATION WASHINGTON, DC BASIC EDUCATIONAL OPPORTUNITY GRANTS PROGRAM FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # P008003238 PKS BUS SV FELLOWS & SCHOLS	(148-G080)	523,084.00
5.	DHEW, OFFICE OF EDUCATION WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	COLLEGE WORK-STUDY PROGRAM (ADMINISTRATIVE EXPENSE) FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # P008014556 PKS FIN A FINANCIAL AIDS	(144-N218)	7,966.00
2)	SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM (ADMINISTRATIVE EXPENSE) FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # P008034556 & P008044556 PKS FIN A FINANCIAL AIDS	(144-N267)	15,627.00
3)	NATIONAL DIRECT STUDENT LOAN PROGRAM (ADMINISTRATIVE EXPENSE) FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # P008024556 PKS FIN A FINANCIAL AIDS	(144-9791)	5,577.00
6.	JUSTICE, LAW ENFORCEMENT ASSISTANCE ADM WASHINGTON, DC LAW ENFORCEMENT EDUCATION PROGRAM FOR THE PERIOD 08-01-79 THROUGH 07-31-80 AWARD # 79LPAX0675 PKS BUS SV FELLOWS & SCHOLS	(144-N560)	2,000.00
	TOTAL PARKSIDE		1,288,758.00 =====
	INSTRUCTION		12,888.00
	MISCELLANEOUS		150.00
	RESEARCH		40,000.00
	STUDENT AID		1,235,720.00

GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - PLATTEVILLE

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN STATE COUNCIL ON ECONOMIC EDUCATION
MILWAUKEE, WI
FURTHER FUNDING OF CENTER FOR ECONOMIC EDUCATION
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # 746
PLT B, I&C DN-BUS, IND&COM (133-0068) 700.00
2. U.W. PLATTEVILLE FOUNDATION
PLATTEVILLE, WI
SHAKESPEARE PLAYERS - TO ASSIST IN THE PAYMENT
OF HONORARIUMS FOR THE ACTING COMPANY AND STAFF
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
PLT ART&SC DN OF ARTS & SCI (133-0087) 6,000.00

MISCELLANEOUS

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
79/80 ADDITION TO MULTI-YEAR SPECIAL SERVICES
FOR DISADVANTAGED STUDENTS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # G057700127
PLT G E A STU AFF & COUNSL ASC DN S D (144-0089) 113,400.00

RESEARCH

1. NATIONAL ASSOCIATION OF BROADCASTERS
WASHINGTON, DC
BROADCAST RESEARCH MODEL FOR SMALL MARKETS
FOR THE PERIOD 06-01-79 THROUGH 12-01-79
PLT B, I&C COMMUNICATIONS (133-0088) 1,200.00

STUDENT AID

1. CROW'S HYBRID CORN SCHOLARSHIP TRUST
MILFORD, IY
SCHOLARSHIP FUND FOR AGRICULTURE MAJORS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 17617
PLT AGRIC DEAN OF AGRIC (133-0064) 600.00

TOTAL PLATTEVILLE

121,900.00
=====

EXTENSION AND PUBLIC SERVICE	6,700.00
MISCELLANEOUS	113,400.00
RESEARCH	1,200.00
STUDENT AID	600.00



GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - STEVENS POINT

INSTRUCTION

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
HANDICAPPED PERSONNEL PREPARATION
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AWARD # CAN 79 2002305
STP COPS SCH OF EDUCATION EDUCATION (144-6329) 30,949.00
2. WI DEPT OF NATURAL RESOURCES
MADISON, WI
INTERN PROGRAM - LAW ENFORCEMENT
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
STP CONR NATURAL RESOURCES NAT RESRCS (133-8436) 8,680.00

RESEARCH

1. AGRIC, FOREST SERVICE
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) OVERVIEWS - CHEQUAMEGON AND NICOLET NATIONAL
FOREST
FOR THE PERIOD 06-01-79 THROUGH 12-31-79
AWARD # 53-56A1-9-00202
STP CONR NATURAL RESOURCES NAT RESRCS (144-8408) 17,342.00
- 2) MANAGEMENT AND USE OF URBAN FOREST RECREATION
RESOURCES
FOR THE PERIOD 06-20-79 THROUGH 01-31-81
AWARD # 13-699
STP CONR NATURAL RESOURCES NAT RESRCS (144-8424) 9,760.00
2. WI DEPT OF NATURAL RESOURCES
MADISON, WI
PRIME CONTRACTOR WITH EPA
IMPACT OF PESTICIDES IN BUENA VISTA MARSH
FOR THE PERIOD 03-21-79 THROUGH 06-30-79
AWARD # 8110
STP CONR NATURAL RESOURCES NAT RESRCS (144-5764) 4,500.00
3. WI DEPT OF NATURAL RESOURCES
MADISON, WI
STUDENT INTERN AGREEMENT
FOR THE PERIOD 06-04-79 THROUGH 08-24-79
STP CONR DEAN OF NAT RES DN-NAT RES (133-0910) 2,160.00
4. WI DEPT OF NATURAL RESOURCES
MADISON, WI
HAMANN CREEK STUDY
FOR THE PERIOD 01-01-79 THROUGH 12-31-79
AWARD # NRI-76060
STP CONR NATURAL RESOURCES NAT RESRCS (133-8404) 5,000.00
5. FREDERICK AND FRANCES HAMMERSTROM
PLAINFIELD, WI
WILDLIFE RESEARCH PROJECTS IN CENTRAL WISCONSIN
FOR THE PERIOD 07-01-79 THROUGH 10-01-79
STP CONR NATURAL RESOURCES NAT RESRCS (133-8473) 1,000.00

GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - STEVENS POINT

STUDENT AID

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) SUPPLEMENT TO COLLEGE WORK STUDY PROGRAM
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # CAN92003167
STP C-C SV FINANCIAL AIDS ED OPP GTS (145-2208) 112,229.00
 - 2) COLLEGE WORK-STUDY PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # CAN 92003277
STP C-C SV FINANCIAL AIDS WORK-STUDY (145-2221) 839,714.00
 2. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) SUPPLEMENTAL EDUCATION OPPORTUNITY GRANTS PROGRAM
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AWARD # CAN 92003266
STP C-C SV FINANCIAL AIDS ED OPP GTS (146-2203) 5,000.00
 - 2) SUPPLEMENTAL EDUCATION OPPORTUNITY GRANTS PROGRAM-
INITIAL
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # CAN 92003273
STP C-C SV FINANCIAL AIDS ED OPP GTS (146-2210) 398,698.00
 - 3) SUPPLEMENTAL EDUCATION OPPORTUNITY GRANTS PROGRAM
(CONTINUING)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # CAN 92003273
STP C-C SV FINANCIAL AIDS ED OPP GTS (146-2211) 177,066.00
 3. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
NATIONAL DIRECT STUDENT LOAN PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # CAN 92003275
STP C-C SV FINANCIAL AIDS N DIR ST L (LOANS) 40,613.00
 4. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # CAN 92003268
STP C-C SV FINANCIAL AIDS ED OPP GTS (148-2209) 1,377,000.00
- TOTAL STEVENS POINT 3,029,711.00
=====

INSTRUCTION	39,629.00
RESEARCH	39,762.00
STUDENT AID	2,950,320.00



GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DHEW OF
STATE-WIDE SECONDARY VOCATIONAL PROGRAM EVALUATION
PROJECT - PHASE FY 80
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 0-5189/E084
STO CREI CTR FOR R&E IMPV CTR-R&E IM (144-0535) 112,790.00
2. EDUCATION DEVELOPMENT CENTER, INC
NEWTON, MA
TEACHER EDUCATION EXPERIENCE AND INSTRUCTION
TO ALGERIAN STUDENTS
FOR THE PERIOD 08-01-78 THROUGH 03-30-79
AWARD # I-2312
STO I&TECH SCH-IND&TECH ADM (133-0327) 14,018.00
3. EDUCATION DEVELOPMENT CENTER
NEWTON, MA
ALGERIAN ELECTRICAL ENGINEERING - TECHNOLOGY
PROGRAM- PROFESSIONAL TEACHER EDUCATION
FOR THE PERIOD 07-01-79 THROUGH 12-31-79
AWARD # I-2314
STO I&TECH INDUST TCHR EDUC IND TCH ED (133-0360) 19,776.00

GIFT-IN-KIND

1. PAUL AXELSEN
MENOMONIE, WI
GIFT OF PLANTS AND FERNS
STO
2. OSCAR MAYER
MADISON, WI
SPACEMASTER DRAWING BOARD AND UNIVERSAL 60
TRACKMASTER DRAFTING MACHINE
STO
3. MR. D.C. RICH & M.G. MITTEN
PASADENA, CA
SEATS FOR ENERGY EFFICIENT VEHICLE
STO
4. AUTOMOTIVE SWITCH COMPANY
MILWAUKEE, WI
MECHANICAL DEVICE FOR SCORE ENERGY EFFICIENT
VEHICLE
STO
5. MINNESOTA BEARING COMPANY
ST. PAUL, MN
A DOUBLE SEAL BALL BEARING FOR THE SCORE
ENERGY EFFICIENT VEHICLE
STO

GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

6. KADJAGER AUTO SALVAGE
DOWNING, WI
CLUTCH, PRESSURE PLATE, FLY WHEEL ASSEMBLY,
ELECTRIC WINDOW MOTOR, SIDE RUNNING MIRRORS,
INTERIOR PARTS FOR OMNI, RUNNING LIGHTS FOR SCORE
ENERGY EFFICIENT VEHICLE
STO
7. EXPERT AUTO GLASS
MENOMONIE, WI
TINTED WINDSHIELD FOR A 1978 DODGE OMNI FOR
SCORE ENERGY EFFICIENT VEHICLE
STO
8. MENOMONIE CARPETS & INTERIORS
MENOMONIE, WI
LARA RED CLOSED AND OPEN LOOP PILE CARPET
(BOLD MULTICOLOR) FOR SCORE ENERGY EFFICIENT
VEHICLE
STO
9. THE PLUMBERY HOME CENTER
MENOMONIE, WI
COPPER TUBING FOR SCORE PROJECT
STO
10. JOHN DEERE CORPORATION
WATERLOO, IA
TWO PRESSURE TRANSDUCERS FOR SCORE PROJECT
STO
11. MCCORMICK SERVO CONTROLS, INC
DANBURY, CT
PUMP CONTROL, SERVO AMPLIFIER FOR SCORE PROJECT
STO
12. MAREMONT CORPORATION
CAROL STREAM, IL
2 PIECES GABRIEL SL REAR SUSPENSION ASSIST FOR
SCORE PROJECT
STO
13. ROCKWELL MICROELECTONICS
ANAHEIM, CA
MINI-COMPUTER FOR SCORE PROJECT
STO

INSTRUCTION

1. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DHEW OF
BILINGUAL VOCATIONAL TRAINING
AWARD # 30-301-150-139
STO CREI CTR FOR R&E IMPV CTR-R&E IM (144-0465) 5,648.00

GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - STOUT

INSTRUCTION

2. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DHEW OF
INSERVICE, "FAMILY FOCUSED HOME ECONOMICS
CURRICULUM: PHASE II"
FOR THE PERIOD 01-08-78 THROUGH 07-31-79
AWARD # 9-5979/H266
STO H ECON HUMAN DEVELOPMNT HUMAN DEV (144-0511) 15,876.00

RESEARCH

1. AGRIC, FOREST SERVICE
PARK FALLS, WI
CHEMICAL ANALYSIS OF ORGANIC MATTER
FOR THE PERIOD 01-29-79 THROUGH 04-01-80
AWARD # 40-56A2-9-248
STO LIB ST BIOLOGY (144-0534) 300.00

STUDENT AID

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLGE WORK-STUDY PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008014546
STO ST AST WORK-STUDY STU AID (145-0549) 549,243.00

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

1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
PROGRAM (INITIAL)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008034546
STO ST AST ED OPPOR GRANTS (146-0550) 130,167.00

2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
PROGRAM (CONTINUING)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008044546
STO ST AST ED OPPOR GRANTS (146-0551) 190,277.00

3. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
NATIONAL DIRECT STUDENT LOAN PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008024546
STO ST AST NATL DIR STU LNS (LOANS) 339,642.00

4. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008002953
STO ST AST BEOG PROGRAM (148-0553) 1,017,471.00

TOTAL STOUT

2,395,208.00
=====

EXTENSION AND PUBLIC SERVICE 146,584.00
INSTRUCTION 21,524.00
RESEARCH 300.00
STUDENT AID 2,226,800.00

GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. DAVID R. HAHN,
WEST BEND, WI
TEN BOOKS TO THE WASHINGTON COUNTY CENTER
CNS
2. DANIEL C. KLAGER,
BROOKFIELD, WI
SEVEN BOOKS TO THE WAUKESHA COUNTY CENTER
CNS

INSTRUCTION

1. DOD, ARMY
FORT SHERIDAN, IL
BASIC AGREEMENT COVERING OFF-DUTY ACADEMIC
INSTRUCTION FOR MILITARY PERSONNEL FOR A
PERIOD BEGINNING 06-25-79
AWARD # DAK15-79-H-0070
CNS
2. GOVERNOR'S EMPLOYMENT AND TRAINING OFFICE
MADISON, WI
PRIME CONTRACTOR WITH LABOR
SUMMER PROGRAM FCI/OXFORD
FOR THE PERIOD 07-01-79 THROUGH 09-30-79
AWARD # GLAD-79-941
CNS B-SAUK ADMINISTRATION (144-N402) 28,279.00

RESEARCH

1. DHEW, OFFICE OF EDUCATION
MADISON, WI
IN SUPPORT OF THE FOLLOWING:
 - 1) HELP FOR THE WIDOWER TO COPE WITH LIFE TRANSITION
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 79-003-06
CNS WAUK SOCIOL & ANTHROP (144-N166) 3,274.00
 - 2) HOW TO SUCCEED IN COLLEGE - AFTER ALL THESE YEARS
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AWARD # 79-003-07
CNS WAUK INTERDEPT INSTR (144-N167) 4,157.00
2. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
SENIOR CITIZENS AND THE HUMANITIES
FOR THE PERIOD 06-06-79 THROUGH 03-31-80
AWARD # G-FY78-108(I)
CNS RICH (144-N584) 7,407.00



GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - CENTER SYSTEM

STUDENT AID

1. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
COLLEGE WORK-STUDY PROGRAM (FEDERAL SHARE)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008014553
CNS (145-7180) 237,500.00
2. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
PROGRAM (INITIAL AWARDS)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008034553
CNS (146-7009) 177,908.00
 - 2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS
PROGRAM (CONTINUING AWARDS)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008044553
CNS (146-7010) 43,159.00
3. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
NATIONAL DIRECT STUDENT LOAN PROGRAM (STUDENT
LOANS)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008024553
CNS (LOANS) 211,538.00
4. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) BASIC EDUCATIONAL OPPORTUNITY GRANTS PROGRAM
FOR THE PERIOD 07-01-78 THROUGH 06-30-79
AT A TOTAL COST OF \$944,997.00
AWARD # P007902949
CNS (148-R079) 406,207.00
 - 2) BASIC EDUCATIONAL OPPORTUNITY GRANTS PROGRAM
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008002949
CNS (148-R080) 782,023.00
5. DHEW, OFFICE OF EDUCATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) COLLEGE WORK-STUDY PROGRAM
(ADMINISTRATIVE EXPENSE)
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # P008014553
CNS G E A INSTIT RES&ANAL ST FIN AID (144-N217) 12,500.00

GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

STUDENT AID

2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM (ADMINISTRATIVE EXPENSE) FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # P008034553 & P008044553 CNS G E A INSTIT RES&ANAL ST FIN AID (144-N266)	8,842.00
3) NATIONAL DIRECT STUDENT LOAN PROGRAM (ADMINISTRATIVE EXPENSE) FOR THE PERIOD 07-01-79 THROUGH 06-30-80 AWARD # P008024553 CNS G E A INSTIT RES&ANAL ST FIN AID (144-9789)	8,462.00
6. JUSTICE, LAW ENFORCEMENT ASSISTANCE ADM WASHINGTON, DC LAW ENFORCEMENT EDUCATION PROGRAM FOR THE PERIOD 08-01-79 THROUGH 07-31-80 AWARD # 79LPAX0666 CNS (144-N538)	3,000.00
TOTAL CENTER SYSTEM	<u>1,934,256.00</u> =====
INSTRUCTION	28,279.00
RESEARCH	14,838.00
STUDENT AID	1,891,139.00



GIFTS, GRANTS AND CONTRACTS
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UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES,
MADISON, WI
AMERICAN HERITAGE ENSEMBLE UNITS FOR THE
PERIOD 06-29-79 THRU 09-30-79
EXT
2. CITY OF LACROSSE,
LACROSSE, WI
DOWNTOWN PLANNING PROJECT FOR THE PERIOD
06-19-78 THRU 12-31-78
EXT
3. MILWAUKEE PUBLIC LIBRARY,
MILWAUKEE, WI
ENERGY AUDIT OF THREE NEIGHBORHOOD LIBRARIES FOR
THE PERIOD 03-01-79 THRU 03-31-80
EXT
4. WI DEPT OF ADMINISTRATION
MADISON, WI
PRIME CONTRACTOR WITH COMM
INTERNAL MANAGEMENT OF THE GREAT LAKES MARINAS
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 79102-4.10
EXT E E D RECREAT'N RESRCS (144-N396) 30,021.00
5. DHEW, OFFICE OF EDUCATION
MADISON, WI
IN SUPPORT OF THE FOLLOWING:
 - 1) CAN YOU AFFORD IT? ECONOMICS FOR FAMILIES IN
TRANSITION
FOR THE PERIOD 07-01-79 THROUGH 06-30-80
AWARD # 79-003-05
EXT COM PR COMMUNITY PROGS MILW CO (144-N164) 5,100.00
 - 2) FOOD FOR FOLKS OVER 55
FOR THE PERIOD 07-01-79 THROUGH 09-30-79
AWARD # AGR DTD 07-15-79
EXT P H D FAMILY LIVING ED FAM LVG ED (144-N410) 1,000.00
6. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHEW PHS ADAM
DECriminalIZATION OF ALCOHOL ABUSE-PART II
(REDUCED TO CONFORM WITH ACTUAL AMOUNT AWARDED)
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AT A TOTAL COST OF \$26,978.00
AWARD # UA 9702-02, MOD. 1
EXT E E D COMUNITY LDRSHP COM LDR DV (144-N391) 1,210.00-
7. WI DEPT OF ADMINISTRATION
MADISON, WI
PRIME CONTRACTOR WITH DOR
ENERGY CONSERVATION PROGRAMMING FOR THE RECREATION
- TOURISM BUSINESSES
FOR THE PERIOD 08-01-77 THROUGH 12-28-80
AT A TOTAL COST OF \$127,900.00
AWARD # AGR DTD 10-28-77, MOD. 2
EXT E E D RECR RESOURCES C (144-K283) 39,400.00



GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

8. WI DEPT OF ADMINISTRATION
MADISON, WI
PRIME CONTRACTOR WITH DOE
DEVELOPMENT OF SHARED RIDE ALTERNATIVES FOR MAJOR
TRIP GENERATORS
FOR THE PERIOD 06-01-79 THROUGH 05-31-80
AWARD # 79118
EXT URB OR ST-W TRNSPRT PRG (144-N339) 38,992.00
9. WI DEPT OF ADMINISTRATION
MADISON, WI
PRIME CONTRACTOR WITH DOE
DEVELOPMENT OF A STATE ENERGY EDUCATION PLAN
FOR THE PERIOD 07-01-79 THROUGH 12-31-79
AWARD # 79112
EXT P H D EXT PROGS IN ED EDUCATION (144-N385) 16,098.00
10. GOVERNOR'S EMPLOYMENT AND TRAINING OFFICE
MADISON, WI
PRIME CONTRACTOR WITH LABOR
FEASIBILITY STUDY FOR PLANNING A WINTER SEMINAR
FOR THE PERIOD 06-01-79 THROUGH 09-30-79
AWARD # GLAD-79-988
EXT URB OR EMPL&TRNG INSTIT (144-N278) 10,285.00
11. MILWAUKEE COUNTY EXECUTIVE OFFICE
MILWAUKEE, WI
PRIME CONTRACTOR WITH LABOR
CETA PROGRAM
FOR THE PERIOD 04-01-79 THROUGH 06-30-79
AWARD # 79-2D13
EXT E E D URB COMMUN DEVEL (144-M834) 20,508.86
12. MILWAUKEE COUNTY DEPARTMENT OF SOCIAL SERVICES
MILWAUKEE, WI
PRIME CONTRACTOR WITH LABOR
MILWAUKEE WORK ASSISTANCE PROGRAM
FOR THE PERIOD 06-01-79 THROUGH 12-31-79
AWARD # AGR DTD 06-22-79
EXT URB OR EMPL&TRNG INSTIT (144-N279) 10,266.00
13. WAUWATOSA - WEST ALLIS CETA PROGRAM
WAUWATOSA, WI
PRIME CONTRACTOR WITH LABOR
PUBLIC SERVICE EMPLOYMENT TITLE II PROGRAM
FOR THE PERIOD 04-01-79 THROUGH 09-30-79
AWARD # 79-W22-D
EXT COM PR COMMUNITY PROGS MILW CO (144-N036) 7,610.00
14. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEW
ADMINISTRATIVE ACCOUNT
FOR THE PERIOD 04-01-78 THROUGH 03-31-80
AT A TOTAL COST OF \$182,000.00
AWARD # 50-30806-78-455, MOD. 1
EXT ADM SV EXTRAMURAL SUPPT WI HUM COM (144-L369) 88,000.00

GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

- | | | | |
|-----|--|------------|-----------|
| 15. | WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
WOMEN IN THE WORKPLACE: PAST VIEWS AND PRESENT VOICES
FOR THE PERIOD 03-15-79 THROUGH 11-30-79
AT A TOTAL COST OF \$11,044.00
AWARD # G-FY78-85(I), MOD. 1
EXT P H D SCH FOR WORKERS | (144-M792) | 4,109.00 |
| 16. | WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
ROOT BOUND? DIG DEEPER: ORIGINS OF OUT VORVATER
FOR THE PERIOD 07-31-79 THROUGH 10-31-79
AWARD # G-FY78-131(I)
EXT COM PR COMMUNITY PROGS CENTRAL | (144-N513) | 1,143.50 |
| 17. | SMALL BUSINESS ADMINISTRATION
WASHINGTON, DC
SMALL BUSINESS DEVELOPMENT CENTER
FOR THE PERIOD 12-22-78 THROUGH 09-30-79
AWARD # SBA-0002-GMA-79
EXT E E D BUSINESS & MGT | (144-N019) | 40,000.00 |
| 18. | MULTIPLE DONORS
INTERIM COMMITTEE ON RURAL MENTAL HEALTH
EXT P H D HEALTH SCI AREA MENTL HLTH | (133-A555) | 410.00 |
| 19. | AGRICULTURAL RECORDS COOPERATIVE
MADISON, WI
ADMINISTRATION OF THE OFFICIAL DAIRY HERD
IMPROVEMENT REGISTRY TESTING PROGRAM 1978-79
EXT E E D DAIRY SCIENCE | (133-C280) | 725.00 |
| 20. | WISCONSIN POWER & LIGHT COMPANY
MADISON, WI
ACQUISITION UNDERWRITING ACCOUNT-WHA-TV
EXT E C TELEVISION | (133-C390) | 5,219.00 |
| 21. | OHIO MEDICAL PRODUCTS DIVISION
AIRCO, INC.
MADISON, WI
VAPORIZERS FILM
AWARD # P.O.#L74652
EXT E C TELEVISION | (133-D071) | 5,198.84 |
| 22. | WISCONSIN PUBLIC RADIO ASSOCIATION
MADISON, WI
PRINTING COSTS OF THE WHA-RADIO GUIDE
FOR THE PERIOD 06-01-79 THRU 06-30-79
EXT E C RADIO | (133-D112) | 1,291.30 |
| 23. | FRIENDS OF CHANNEL 21, INC
MADISON, WI
SUPPORT ADMINISTRATIVE COSTS OF WHA-TV AND THE
FRIENDS FOR THE PERIOD 07-01-79 THRU 06-30-80
AT A REDUCED LEVEL OF \$143,787.00
EXT E C TELEVISION | (133-D123) | 500.00- |

GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

24.	WHA-TV ACQUISITION UNDERWRITING - FY '80 EXT E C TELEVISION	(133-D177)	
	2,194.00	AHRENS CADILLAC-OLDSMOBILE, INC MADISON, WI	
	6,833.00	BOWMAN DAIRY, MADISON, WI	-\$1,150
	400.00	EVJUE FOUNDATION, MADISON, WI	- 5,683
		MULTIPLE DONORS	
			9,427.00
25.	CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC MINORITY TRAINING GRANT FOR THE PERIOD 07-01-79 THRU 06-30-81 EXT E C RADIO	(133-D178)	18,152.00
26.	NATIONAL 4-H COUNCIL WASHINGTON, DC 4-H TEAMWORK IN COUNTY EXTENSION PROGRAMS FOR THE PERIOD 07-01-79 THRU 06-30-80 EXT P S D PROG & STAFF DEV	(133-D179)	20,000.00
27.	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI PRODUCTION OF "TARGET: THE STATE" AND "WISCONSIN MAGAZINE" FOR THE PERIOD 07-01-79 THRU 06-30-80 EXT E C TELEVISION	(133-D194)	290,000.00
28.	EDUCATIONAL COMMUNICATIONS BOARD MADISON, WI PRODUCE ONE TEACHER INSERVICE PROGRAM (AFRICAN STUDIES) AWARD # P.O.# EC100526 EXT E C TELEVISION	(133-D195)	2,677.20
29.	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI SERVICE PERFORMED BY FACULTY MEMBER FOR THE WISCONSIN CROP IMPROVEMENT ASSOCIATION FOR THE PERIOD 07-01-79 THRU 06-30-80 EXT E E D AGRONOMY	(133-D201)	9,017.57
30.	MULTIPLE DONORS SUPPORT PROGRAMS OF THE DEPARTMENT OF BUSINESS AND MANAGEMENT EXT E E D BUSINESS & MGT ADMIN	(133-4539)	125.00
31.	MULTIPLE DONORS UNIVERSITY EXTENSION FELLOWSHIP FUND EXT P S D PROG & STAFF DEV	(133-7462)	50.00
32.	STAUFFER CHEMICAL COMPANY MOUNTAIN VIEW, CA SUPPORT WEED CONTROL RESEARCH PROGRAM EXT E E D AGRONOMY	(133-7714)	400.00

GIFTS, GRANTS AND CONTRACTS
SEPT 07, 1979

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

33.	VILAS COUNTY, EAGLE RIVER, WI - \$800		
	FLORENCE COUNTY, FLORENCE, WI - 800		
	FOREST COUNTY, CRANDON, WI - 800		
	SUPPORT AREA HOME ECONOMISTS		
	EXT COM PR COMMUNITY PROGS STATEWIDE	(133-8368)	2,400.00
34.	MULTIPLE DONORS		
	CONTINUED DEVELOPMENT, PRODUCTION AND PROMOTION OF		
	ADULT BASIC EDUCATION PROGRAMS		
	EXT E C TELEVISION	(133-9917)	1,774.41
	TOTAL EXTENSION		677,690.68
			=====
	EXTENSION AND PUBLIC SERVICE	677,690.68	



GIFTS, GRANTS AND CONTRACTS
SEP 07, 1979

UNIVERSITY OF WISCONSIN-MADISON

RESEARCH

~~GULF~~ RESEARCH AND DEVELOPMENT COMPANY
PITTSBURGH, PA
ACOUSTICS OF CLASTIC ROCKS FOR THE
PERIOD 09-01-79 THRU 08-31-80
MSN L&S GEOL & GEOPHYSICS GEO-POLAR (133-C762) 36,000.00



GIFTS, GRANTS AND CONTRACTS SUMMARY
 ITEMS PROCESSED 07-21-79 THROUGH 08-16-79

	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-	28,279	-0-	-0-	-0-	14,838	1,891,139	-0-	1,934,256
EAU CLAIRE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
EXTENSION	677,691	-0-	-0-	-0-	-0-	-0-	-0-	-0-	677,691
GREEN BAY	-0-	(255)	-0-	-0-	-0-	137,223	1,824,923	-0-	1,961,891
LA CROSSE	13,186	179,170	-0-	3,198	-0-	129,263	1,140,734	-0-	1,465,551
MADISON	-0-	627,071	637	356,397	105,683	11,607,195	11,916,043	-0-	24,613,026
MILWAUKEE	-0-	427,115	-0-	35,342	-0-	314,418	683,242	-0-	1,460,116
OSHKOSH	171,538	167,214	12,664	-0-	-0-	-0-	2,577,302	-0-	2,928,718
PARKSIDE	-0-	12,888	-0-	150	-0-	40,000	1,235,720	-0-	1,288,758
PLATTEVILLE	6,700	-0-	-0-	113,400	-0-	1,200	600	-0-	121,900
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	-0-	39,629	-0-	-0-	-0-	39,762	2,950,320	-0-	3,029,711
STOUT	146,584	21,524	-0-	-0-	-0-	300	2,226,800	-0-	2,395,208
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
TOTAL SEP 1979	1,015,699	1,502,635	13,301	508,487	105,683	12,284,199	26,446,823	-0-	41,876,826
PREVIOUSLY REPORTED	927,649	5,178,726	282,478	551,818	306,340	25,087,339	5,452,651	500	37,787,501
GRAND TOTAL	1,943,348	6,681,361	295,779	1,060,305	412,023	37,371,538	31,899,474	500	79,664,327
TOTAL SEP 1978	270,980	1,950,632	5,002	486,598	159,996	10,202,417	14,196,536	350	27,272,510
PREVIOUSLY REPORTED	1,357,286	10,147,547	274,582	648,632	281,060	20,639,191	5,068,522	1,200	38,418,020
GRAND TOTAL	1,628,266	12,098,179	279,584	1,135,230	441,056	30,841,608	19,265,058	1,550	65,690,530
FEDERAL TOTAL SEP 1979	600,761	1,550,659	12,664	174,761	105,683	7,264,797	26,306,824	-0-	36,016,149
PREVIOUSLY REPORTED	515,230	5,080,966	-0-	151,624	306,340	22,636,235	5,319,214	-0-	34,009,609
FEDERAL GRAND TOTAL	1,115,992	6,631,625	12,664	326,385	412,023	29,901,032	31,626,038	-0-	70,025,758
FEDERAL TOTAL SEP 1978	115,493	1,791,573	5,000	104,737	159,996	4,707,225	14,053,216	-0-	20,937,240
PREVIOUSLY REPORTED	736,187	10,109,934	21,697	56,466	-0-	18,000,968	4,932,247	-0-	33,857,500
FEDERAL GRAND TOTAL	851,680	11,901,507	26,697	161,203	159,996	22,708,193	18,985,463	-0-	54,794,740

PROPOSED ORDER OF THE BOARD OF REGENTS
OF THE UNIVERSITY OF WISCONSIN SYSTEM
ADOPTING RULES

Relating to rules concerning procedures for determinations and appeals of classifications of students for tuition purposes under s. 36.27(2), Wis. Stats.

Analysis prepared by University of Wisconsin System:

These proposed rules are in response to suggestions received from the State Legislative Joint Committee for Review of Administrative Rules. The purpose of these rules is to provide a level of consistency while allowing autonomy in the development of institutional procedures for administration of the nonresident tuition law.

Pursuant to authority vested in the board of regents of the university of Wisconsin system by section 36.09(1)(a), Wis. Stats., the Board of Regents proposes to adopt rules interpreting section 36.27(2), Wis. Stats., as follows:

Sections UWS 20.01, 20.02 and 20.03 of the Wisconsin Administrative Code are adopted to read:

CHAPTER UWS 20

NONRESIDENT TUITION DETERMINATION PROCEDURES AND APPEALS

UWS 20.01 Minimum Requirements. (1) Each institution in the university of Wisconsin system which classifies students for tuition purposes under s. 36.27(2), Wis. Stats., shall develop procedures for determination of classifications and provide for appeals from classifications of nonresidency which shall, at minimum, provide for the following:

- (a) Designation of authorized personnel to make initial determinations of residency for tuition purposes;
- (b) A mechanism for reconsideration of an initial determination of nonresidency when a petitioner has new or different information to present concerning resident status which was not available at the time of the initial determination or which was available but, for good reason shown, the petitioner did not know about at the time of the initial determination;
- (c) A mechanism for appeal from an initial determination of nonresidency to a designated person or body at the institution;
- (d) Appeal procedures, which shall include:

1. A time limit of fourteen (14) calendar days for filing an appeal from date of notification of classification from the initial determination, or, if a reconsideration is requested, from the date of notification of that classification;
2. Notice of the appeal hearing;
3. A right of personal appearance at an appeal;
4. A right of a petitioner to have assistance, including private legal counsel, in making a personal appearance at an appeal hearing;
5. A time limit for issuing a written decision of thirty (30) calendar days following the appeal hearing;
6. Observing applicable statutory requirements concerning open and closed hearings.

UWS 20.02 Finality of Decisions. Decisions by the appeal person or body of an institution in the university of Wisconsin system concerning residence classification for tuition purposes shall be final in the university of Wisconsin system. The decision shall note that it is subject to judicial review within thirty (30) days after service of the decision, pursuant to s. 227.16, Wis. Stats.

UWS 20.03 Students Transferring Between Institutions. A decision that a student is a resident for tuition purposes at one institution in the university of Wisconsin system shall require that the student be treated as a resident for tuition purposes in other institutions in the university of Wisconsin system, if the student transfers to another institution in the university of Wisconsin system and has maintained substantially the same determining factors.

The rules contained in this order shall take effect as provided in S. 227.026(1), Wis. Stats.

Board of Regents of the
University of Wisconsin System

Secretary

Dated: _____

(Seal)



Board of Regents of The University of Wisconsin System

OFFICERS

President
Herbert J. Grover
5301 Monona Dr.
Monona 53716

Vice President
Joyce M. Erdman
3408 Circle Close
Madison 53705

TO: Board of Regents of the University of Wisconsin System
FROM: Regent Members of the Higher Educational Aids Board
SUBJECT: HEAB Meeting of July 27, 1979

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M. William Gerrard
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Box 155
Baileys Harbor 54202

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

The Higher Educational Aids Board met in the Governor's Conference Room, State Capitol, Madison, on July 27, 1979. Regent members David Beckwith and Herbert Grover were present.

Several new members were appointed to the HEAB since the last meeting. To bring the Board to its full membership, one representative of the Board of Regents and one general public representative need to be appointed by the Governor. A list of the current membership is appended to this report.

The following members were elected to office by unanimous ballots: John Geilfuss, Chairman; Richard Sawicki, Vice Chairman; and Sue Miller, Secretary.

1979 - 80 HEAB Meeting Dates

The Board set the following dates for the fiscal year of 1979-80: October 26, 1979; January 25, 1980; April 25, 1980; July 25, 1980. None of these dates conflict with Board of Regents or the State VTAE Board scheduled meeting dates for 1979-80.

Revenue Bond Approvals

Following a report on the cash requirements for new student loans for the next two to three years by the Executive Secretary, the Board approved a resolution requesting the Building Commission to issue an additional \$40,000,000 of Student Loan Revenue Bonds. The Building Commission was provided authorization to implement this request in the 1979-81 biennial budget. Completion of this sale would bring to a total of \$115,000,000 the amount of revenue generated by the sale of Student Loan Revenue Bonds since the program was initiated in 1978 and makes substantial amounts of money available for students requiring loans.

1979-80 Operating Budget

The Education Amendments of 1976 made HEAB eligible for a substantial increase in federal administrative funds. During the 1978 annual budget review, the operating budget of HEAB was shifted by legislation from GPR to program revenue funding sources. The Board approved an operating budget for all programs totaling \$3,391,900.

EXHIBIT B

Lender Servicing Program

The Board approved staff recommendations that fees for servicing loans be raised to provide sufficient revenue to cover costs plus a contingency fund. The increased fees apply to categories previously not meeting costs and will apply to state as well as private loans.

1979-80 Wisconsin Higher Education Grant (WHEG) Program

The Board concurred in the action taken by the Board Chairman to set the 1979-80 WHEG equity levels of \$2225/\$2000 for dependent students and set 20% as the WHEG award percentage limit for the independent students.

1979-80 Contract for Dental Education Services

The 1979-81 biennial budget provides for a per capita support level of \$3,920 for the 1979-80 fiscal year for each Wisconsin resident enrolled in the School of Dentistry of Marquette University. There were 497 Wisconsin residents enrolled in the first semester of 1978-79. The Board approved the contract for dental education for the 1979-80 academic year.

Educational Information Center (EIC)

The Board approved staff recommendations that the EIC funds for fiscal year 1978 (extended to December 31, 1979) be expended for (1) a survey of the informational needs of part-time students; (2) an analysis of current educational information services offered in Wisconsin; and (3) a toll-free telephone hotline serving the independent sector.

The Board also approved a staff proposal for the second year (fiscal year 1979) EIC program which, if approved, would be used for three purposes: to continue the WAICU-sponsored hotline (\$10,000); to develop improved educational information materials; and to take steps necessary to improve coordination of existing services (\$40,000).

1979-81 Biennial Budget Update

The Board received an information report on action taken by the Legislature on HEAB proposals in the 1979-81 biennial budget.

Wisconsin Tuition Grant--The maximum grant was increased to \$1,800 from its present level of \$1,500. This compares to the Board's request that would have set the maximum grant equal to an amount which is the difference between tuition paid by students enrolled at UW-Madison and the full cost of instruction (estimated to be \$2,350 in 1979-80). The Legislature adopted the Board's proposal that Tuition Grant eligibility be extended to students enrolled at least half-time for a period not to exceed ten academic semesters.

Wisconsin Higher Education Grant (WHEG)--The Wisconsin Higher Education Grant program is a need-based state-funded grant program that provides money to students enrolled in the University of Wisconsin System and the Vocational, Technical and Adult Education System. Several improvements in the WHEG program were sought by the Board in the 1979-81 biennial budget request:

1. The Board recommended that the appropriation for the WHEG program be made on a sum-sufficient basis with provisions established by legislation that would limit expenditures. Given the number and variety of variables (e.g., changes in enrollment levels, need analysis methodology, federal grant programs, family income) that must be considered in estimating the level of WHEG funding required to meet the needs of students, the Board had determined sum-sufficient funding was necessary to reduce the administrative difficulties related to WHEG.

2. The Board recommended guidelines (termed "equity levels and award percentages" in WHEG methodology) that, under a sum-sufficient appropriation, would provide sufficient WHEG funds to meet all costs but tuition and fees of needy students.

3. To offset the effects of inflation, the Board recommended that the maximum WHEG grant be increased to \$1800 from the current maximum of \$1500.

With the exception of the Board's request for the increase in the maximum grant, the requests were denied. In addition, the Legislature and the Governor, noting the substantial increases in federal funding of student financial aids (particularly the Basic Educational Opportunity Grant) in the Middle Income Student Assistance Act, substantially reduced the state's commitment to grant assistance by reducing the funding level for the WHEG program. The new funding levels are \$7,200,000 for 1979-80 and \$10,367,800 in 1980-81 as compared to the 1978-79 base year level of \$11,691,300 and HEAB's request of \$13,011,300 in 1979-80 and \$14,611,300 in 1980-81.

Indian Student Assistance Program--The maximum grant for the Indian Student Assistance Program was increased from \$1500 to \$1800.

State Direct Student Loans - Revenue Bond Authority--The Board's authority to request revenue bonding was increased by \$40 million which compares to the Board's revised request of \$50 million. In addition, the Legislature acted to allow students to borrow directly from the State only if their adjusted family incomes are \$25,000 or less or they have demonstrated financial need. These criteria had been in effect prior to November 1, 1978 but had been dropped with enactment of the Middle Income Student Assistance Act.

The final bill also provides authority to the Board to use up to \$150,000 annually in bond revenue to purchase loans from other lenders to establish consolidated repayment schedules for students who borrowed from multiple sources.

Wisconsin State Student Loans-Health Professions Loans--The 1979-81 biennial budget includes a provision establishing a Wisconsin Health Education Assistance Loan (HEAL) and forgiveness program for medical and dental students enrolled at the UW Medical School, Medical College of Wisconsin, and the School of Dentistry at Marquette University. Under the provisions of this Act, up to \$5000 in loan principal and accrued interest commitment incurred by a medical student may be forgiven annually for four years if the physician establishes a primary care medical practice in this state in underserved areas designated by the Department of Health and Social Services.

Agency Objectives 1979-80

The staff recommended several general agency objectives for the 1979-80 fiscal year to which the Board added a request for a general review of HEAB policy.

Mr. Jung noted that by 1981 he expected to reduce the number of HEAB employees from the present base of 115 FTE by a total of 3 FTE.

Wisconsin Higher Education Corporation

The Board adjourned and reconvened as Corporation directors. The Corporation unanimously elected the following members to WHEC: John Geilfuss, Chairman; Richard Sawicki, Vice Chairman; and Sue Miller, Secretary. The Corporation concurred in the action of HEAB for the request of an additional \$40 million in revenue bonds under the original bonding authorization and procedures.

Att.

STATE OF WISCONSIN HIGHER EDUCATIONAL AIDS BOARD

-MEMBERSHIP-
(16 members)

- (P) Mr. John Geilfuss, Chairman
Executive Committee
Marine National Exchange Bank
One Marine Plaza
Milwaukee, WI 53201
- (S) Dr. Barbara Thompson
Superintendent
Department of Public Instruction
126 Langdon St., Wisconsin Hall
Madison, WI 53702
- (G) Mr. Richard Sawicki
Building Trades Representative
State AFL-CIO
6333 West Blue Mound Road
Milwaukee, WI 53213
- (P) Rev. John Raynor, President
Marquette University
615 North Eleventh Street
Milwaukee, WI 53233
- (P) Mr. Waldo Martin
3842 Tulane Avenue
Madison, WI 53714
- (R) Mr. Herbert Grover
Superintendent
Monona Public Schools
Monona, WI 53716
- (P) Ms. Janet Jenkins
1049 Hickory Street
Onalaska, WI 54650
- (P) Ms. Barbara Taylor
116 East Pleasant Street
Portage, WI 53901
- (R) Mr. David Beckwith
Foley & Lardner
777 East Wisconsin Avenue
Milwaukee, WI 53201
- (G) Mr. F. J. Pelisek
250 East Wisconsin Avenue
20th Floor
Milwaukee, WI 53202
- (G) Ms. Sue Miller
142 South 14th Street
La Crosse, WI 54601
- (G) Mr. William Kellett
Winnefox Point
Menasha, WI 54952
- (V) Mrs. Elaine Bina
Route #1
Coon Valley, WI 54623
- (V) Mr. Philip Hendrickson
2538 Bittersweet Avenue
Green Bay, WI 54301
- (R) Open Position
Board of Regents
- (G) Open Position
General Public

- (G) = General Public
(P) = Private Institutions
(R) = Regents
(S) = Public Schools
(V) = Vocational, Technical and Adult Education

8/9/79



Board of Regents of The University of Wisconsin System

OFFICERS

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Herbert J. Grover
5301 Monona Dr.
Monona 53716

Vice President
Joyce M. Erdman
3408 Circle Close
Madison 53705

TO: Board of Regents of the University of Wisconsin System
FROM: Regent Herbert Grover
SUBJECT: July 24, 1979 Meeting of the WBVTAE

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

The Wisconsin Board of Vocational, Technical and Adult Education met at their offices in Madison on July 24, 1979. This report summarizes agenda items of interest to the UW System.

Board Organization

Mr. James Elliott, the present president of the Board, was re-elected by unanimous vote of the Board. Mr. Philip Hendrickson was elected Vice President.

Report of the State Director

The Director reported that the House of Representatives Subcommittee on Postsecondary Education is completing its hearings on the reauthorization of the Higher Education Act. Most of the testimony has centered on the biggest budget item, student assistance programs, which is expected to exceed \$6.5 billion in 1979. Among the issues being discussed are eligibility, amounts of awards, default rates, fraud prevention, and information improvement. The subcommittee is expected to mark up a bill by the end of August. As for the Senate, fall or early winter would appear to be the time at which they will consider reauthorization of the Act. The White House itself is presently having a corresponding measure reviewed by the Office of Management and Budget. Education observers do not at this time see any clear trends as to what changes may take place in the Act.

VTAE Budget

Since the Board of Regents may find the final legislative action on the 1979-81 Biennial State Budget for the VTAE System of interest, I have included a brief summary of that action with this report.

VTAE Goals

A very succinct statement of GOALS for the VTAE System was passed by the WBVTAE at this meeting. This GOALS statement is included in its entirety with this report, appended.

EXHIBIT C

9-7-79

Assembly Joint Resolution 64

The question of duplication of services between the UW System and the VTAE System has arisen again and has resulted in the Assembly Joint Resolution 64, co-authored by State Representatives Tom Loftus and Mordecai Lee. The resolution is appended to this report for your information. Currently the Director of the State VTAE System and the President of the University of Wisconsin System are cooperating in a response to this resolution.

VTAE Skill Training Center at Oshkosh

The Fox Valley VTAE District Board has been in the process of selecting a site for the VTAE Skill Training Center at Oshkosh. Among the sites considered was the River Common Site owned by the UW-Oshkosh. While the District Board prefers another site, the State Board has directed that the District Board confer with officials of the UW-Oshkosh and the UW System in a final attempt to determine if the River Commons site could be effectively used by the VTAE System at a saving to the taxpayers of the state. The final decision on this issue should be reached within about 30 days from the date of this meeting, July 24.

Final Legislative Action - 1979-81 Biennial State Budget
(July 1, 1979 to June 30, 1981)

A. FISCAL: (In Millions)

	1979-81 WBVTAE Legislative Request	Final Legislative Action	Difference
State Tax Dollars (GPR)	\$ 117.4	114.7	(-) 2.7
Federal Revenue	28.4	28.0	(-) .4
Program Revenue	1.1	.8	(-) .3
Segregated	.4	.4	-0-
Total:	\$ 147.3	\$143.9	(-) \$3.4

B. AUTHORIZED POSITIONS:

State Tax Dollars (GPR)	\$ 48.85	45.23	(-) 3.62
Federal Revenue	58.65	59.27	(+) .62
Program Revenue	3.00	2.00	(-) 1.00
Total:	\$ 110.5	106.5	(-) 4.00

C. FUNDING PERCENTAGE:

State Operations	\$ 8.9	8.5	(-) .4
Local Assistance	136.5	133.5	(-) 3.0
Aids to Individuals and Organizations	1.9	1.9	-0-
Total:	\$ 147.3	143.9	(-) 3.4

D. WHAT WE GAINED:

The State Board's 1977-79 biennial appropriation totaled \$120.0 million. 1979-81 appropriations are \$143.9, or \$23.9 million larger than 1977-79. The Board increased its spending authority by 20%; almost exactly the percentage increase registered by the 77-79 biennium over the prior two years, and only 4% less than appropriation gains during the 75-77/73-75 period.

For 1977-79, state aid appropriations were \$92.9 million; for 1979-81 aids will be \$111.7 million, for a \$18.8 million increase (20%).

The 1979 Budget Act will contain a provision to allow VTAE Districts to apply for cost control exceptions in February of each year, in addition to appeals made in September of each year.

E. WHAT WE FAILED TO GAIN:

The Board requested approximately \$1.6 million in new expenditure authority for categorical grants, including taxonomy implementation, apprenticeship curricula improvement, economic development grants and emergency medical service dollars. The Governor recommended none of this, but the Joint Finance Committee agreed to increase aid amounts by \$84,000 for apprenticeship curricula updating.

In other action, the Finance Committee reduced the 1980-81 aid appropriation by \$789,500 to reflect reductions in the district aidable costs. The Finance Committee raised concerns relating to the Board's broad based definition of aidable vocational-adult training courses. The Board was ordered to develop criteria clarifying the distinction between aidable courses and community service programs, and to report this criteria to the Governor and legislature by January 1, 1980.

The Board proposed a new method for allocating state aids, based on 25% of total available dollars being disbursed by a foundation concept, and the balance distributed on the basis of the current equalized concept. The Finance Committee, through Senator Radosevich and Rep. Lindgren, moved to provide a 50% foundation - 50% equalized aid formula, but the effort failed. Finally, the current formula was maintained for the duration of the 1979-81 biennium.

REPORT OF STATE DIRECTOR
5. Goals 1979-80 (action)

GOALS 1979-80
Wisconsin Board of Vocational, Technical and Adult Education
July, 1979

The Wisconsin Board of Vocational, Technical and Adult Education and its staff, the Wisconsin VTAE Board's Association, and the Wisconsin Association of Vocational, Technical and Adult Education Administrators Association established the following goals:

GOAL NO. 1

Develop a coordinated statewide public information program designed to serve students better, enhance citizen knowledge about the system, and provide increased public support.

GOAL NO. 2

Improve articulation with Business, Industry, Labor, Agriculture, secondary schools, colleges and universities, both public and private, and all organizations and agencies.

GOAL NO. 3

Expand efforts to increase financial resources at all levels of government to accomplish systemwide objectives.

GOAL NO. 4

Develop and implement a professional improvement program for all personnel - policy makers both district and state, administrators, instructional personnel and all persons involved in the VTAE system.

GOAL NO. 5

Develop a unified legislative plan for the conduct of post-secondary vocational education in the State of Wisconsin.

GOAL NO. 6

Encourage improved district-state relations within the VTAE system, emphasizing service to all.

GOAL NO. 7

Review, promote, and implement Affirmative Action/Equal Educational and Equal Employment opportunities at the state and district levels within the Wisconsin VTAE System.

1979 ASSEMBLY JOINT RESOLUTION

1 Relating to directing the legislative council to study the coordination
2 between the university of Wisconsin system and the vocational, tech-
3 nical and adult education system.

Analysis by the Legislative Reference Bureau

This joint resolution directs the legislative council to conduct a study in regard to the duplication of, and improving the coordination and sharing of, programs and facilities between the university of Wisconsin system and the vocational, technical and adult education system. The legislative council must report its findings and recommendations to the 1981 legislature when it convenes.

4
5 Resolved by the assembly, the senate concurring, That, in the face
6 of declining enrollments, the legislative council is directed to conduct a
7 study in regard to reducing the duplication of, and improving the coordi-
8 nation and sharing of, programs and facilities between the university of
9 Wisconsin system and the vocational, technical and adult education system,
10 including, but not limited to, the collegiate transfer program, adult edu-
11 cation and evening courses, part-time student and associate degree pro-
12 grams and the sharing of facilities; and, be it further

13 Resolved, That the legislative council shall report its findings and
14 recommendations to the 1981 legislature when it convenes.

15

(End)

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

7 September 1979

I. CONTRACTS AWARDED.

A. UW-EAU CLAIRE

1. 1977-79 Coal Elevator Replacement
University of Wisconsin - Eau Claire
(Project No. 7903-31)

CONTRACT AWARD

CONTRACT AMOUNT

a. Mechanical Work

Alltech Engineering Corporation
9550 West Bloomington Freeway
Bloomington, MN 55431

\$ 29,720.00

TOTAL CONTRACT AWARD

\$ 29,720.00

2. 1979 Davies Center Ceiling/Lighting Replacement
University of Wisconsin - Eau Claire
(Project No. 7904-30)

CONTRACT AWARDS

CONTRACT AMOUNTS

a. General Work

Market & Johnson, Inc.
2350 Galloway Street
Eau Claire, WI 54701

\$ 8,132.00

b. Electrical & Sound

Wall Electric Service, Inc.
Highway 124 & Peterson Road
Chippewa Falls, WI 54729

\$ 16,170.00

c. Duct Insulation

Mechanical Insulation, Ltd.
618 Farwell
Eau Claire, WI 54701

\$ 1,200.00

TOTAL CONTRACT AWARDS

\$ 25,502.00

3. 1979-80 Heating Plant Steam Valve Repair
University of Wisconsin - Eau Claire
(Project No. 7908-06)

CONTRACT AWARD

CONTRACT AMOUNT

a. Valve Reconditioning

Riley Corporation
2145 South 170th Street
New Berlin, WI 53151

\$ 9,000.00

TOTAL CONTRACT AWARD

\$ 9,000.00

9/7/79

EXHIBIT D

B. UW-GREEN BAY

1. 1977-79 Three Building Roof Repairs/CCS,
LLC, and Socio-Ecology
University of Wisconsin - Green Bay
(Project No. 7807-18)

CONTRACT AWARDCONTRACT AMOUNTa. Roof Repair

Nleman Central Wisconsin Roofing
Company, Inc.
P. O. Box 64
New Prague, MN 56071

\$ 57,900.00

TOTAL CONTRACT AWARD

\$ 57,900.00

2. 1977-79 Utility Control Center Improvements
University of Wisconsin - Green Bay
(Project No. 7901-17)

CONTRACT AWARDCONTRACT AMOUNTa. Mechanical Work

Grunau Company, Inc.
307 West Layton Avenue
Milwaukee, WI 53207

\$ 19,757.00

TOTAL CONTRACT AWARD

\$ 19,757.00

3. 1978-79 Fire Alarm System Replacement
University of Wisconsin - Green Bay
(Project No. 7904-09)

CONTRACT AWARDCONTRACT AMOUNTa. All Work

NCS National Control Systems
2849 Wisconsin #706
Sturtevant, WI 53177

\$ 13,760.00

TOTAL CONTRACT AWARD

\$ 13,760.00

4. 1979 Swimming Pool Restoration
University of Wisconsin - Green Bay
(Project No. 7906-24)

CONTRACT AWARDCONTRACT AMOUNTa. All Work

LaPlante Protective Coating
2746 West Point Road
Green Bay, WI 54304

\$ 15,500.00

TOTAL CONTRACT AWARD

\$ 15,500.00

C. UW-MADISON

1. 1975-77 Far West Campus Site and
Circulation Development - Phase II
University of Wisconsin - Madison
(Project No. 7405-26.11)

CONTRACT AWARDSCONTRACT AMOUNTS

a. <u>General</u> Gregory Construction Company 2921 Baskerville Avenue Middleton, WI 53562	\$ 46,395.00
b. <u>Plumbing</u> H. J. Pertzborn Plumbing & Heating 4281 West Beltline Highway Madison, WI 53711	\$ 3,740.00
TOTAL CONTRACT AWARDS	\$ 50,135.00

2. 1979 Memorial Union Deck Repairs III
University of Wisconsin - Madison
(Project No. 7904-29)

CONTRACT AWARDCONTRACT AMOUNT

a. <u>Deck Repairs</u> D. C. Taylor 2610 Seiferth Road Madison, WI 53716	\$ 6,745.00
TOTAL CONTRACT AWARD	\$ 6,745.00

3. 1979 Union South Energy Conservation Controls
University of Wisconsin - Madison
(Project No. 7906-22)

CONTRACT AWARDCONTRACT AMOUNT

a. <u>Energy Conservation Controls</u> Johnson Controls 1119 Jonathon Drive Madison, WI 53713	\$ 10,550.00
TOTAL CONTRACT AWARD	\$ 10,550.00

4. 1977-79 Charter Street Coal Bunker and Hopper Repairs
University of Wisconsin - Madison
(Project No. 7907-14)

CONTRACT AWARDCONTRACT AMOUNT

a. <u>Shotcreting and Related Work</u> Cost, Inc. W172N13050 Division Road Rockfield, WI 53077	\$ 28,600.00
TOTAL CONTRACT AWARD	\$ 28,600.00

5. 1979 N & R Building Remodeling
University of Wisconsin - Madison
(Project No. 7907-17)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Security Screen Work</u> J. M. Mitchell Products Company 12645 West Burleigh Road Brookfield, WI 53005	\$ 12,801.00
<hr/>	
TOTAL CONTRACT AWARD	\$ 12,801.00

D. UW-MILWAUKEE

1. 1977-79 Tennis Court Resurfacing and Fencing
University of Wisconsin - Milwaukee
(Project No. 7809-17)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>All Work</u> Munson, Inc. 2737 West Mill Road Milwaukee, WI 53209	\$ 26,112.00
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TOTAL CONTRACT AWARD	\$ 26,112.00

2. 1977-79 Four Building Roof Repair
(Cunningham Nursing Building, Enderls
Hall, Mitchell Hall, and Fine Arts-
Music Halls)
University of Wisconsin - Milwaukee
(Project No. 7810-20)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Roof Repairs & Replacement</u> R. Duranso & Sons, Inc. 3020 South Calhoun Road Waukesha, WI 53151	\$ 72,650.00
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TOTAL CONTRACT AWARD	\$ 72,650.00

3. 1977-79 Mitchell Hall Attic Insulation
University of Wisconsin - Milwaukee
(Project No. 7901-18)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Attic Insulation Work</u> Rice Insulation, Inc. 1600 West Cornell Street Milwaukee, WI 53209	\$ 17,153.00
TOTAL CONTRACT AWARD	\$ 17,153.00
4. 1978-79 Satellite R.F. R/O Antenna Installation (Fine Arts Complex) University of Wisconsin - Milwaukee (Project No. 7902-14)	

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Antenna Base Framing & Related Work</u> A. Guenther & Sons Company, Inc. 1828 South 76th Street West Allis, WI 53214	\$ 11,286.00
TOTAL CONTRACT AWARD	\$ 11,286.00
5. 1977-79 Heating/Chilling Plant Economizers University of Wisconsin - Milwaukee (Project No. 7903-33)	

<u>CONTRACT AWARD</u>	<u>CONTRACT AWARD</u>
a. <u>Mechanical Work</u> Wenninger Company, Inc. 1728 West National Avenue P. O. Box 04575 Milwaukee, WI 53204	\$ 203,780.00
TOTAL CONTRACT AWARD	\$ 203,780.00

E. UW-OSHKOSH

1. 1977-79 Handicapped Accessibility Improvements
University of Wisconsin - Oshkosh
(Project No. 7711-21)

<u>CONTRACT AWARDS</u>	<u>CONTRACT AMOUNTS</u>
a. <u>General</u> Precour Construction Company 7818 Swiss Road Oshkosh, WI 54901	\$ 136,800.00
b. <u>Plumbing, Heating & Ventilating</u> E. C. Merrill, Inc. 804 Witzel Avenue Oshkosh, WI 54901	\$ 38,207.00

c. <u>Electrical</u> Witzke Electric P. O. Box 102 Oshkosh, WI 54901	\$ 8,267.00
d. <u>Conveying Systems</u> Otis Elevator Company 550 West Jackson Boulevard Chicago, IL 60606	\$ 42,888.00
TOTAL CONTRACT AWARDS	\$ 226,162.00

2. 1977-79 Riverfront Stabilization and Adjacent
Area Development
University of Wisconsin - Oshkosh
(Project No. 7709-14)

<u>CONTRACT AWARDS</u>	<u>CONTRACT AMOUNTS</u>
a. <u>General Work</u> Ben B. Ganther Company 21A Washington Avenue Oshkosh, WI 54901	\$ 249,860.00
b. <u>Plumbing, Heating & Ventilating</u> E. C. Merrill, Inc. 804 Witzel Avenue Oshkosh, WI 54901	\$ 38,000.00
c. <u>Electrical</u> M & S Electric Corporation 3001 West Elberg Avenue Appleton, WI 54911	\$ 36,485.00
d. <u>Laboratory Equipment</u> Milwaukee Equipment Company P. O. Box 25308 Milwaukee, WI 53225	\$ 20,490.00
e. <u>Site Work</u> Theo Utschig & Son, Inc. 3044 West Wisconsin Avenue Appleton, WI 54912	\$ 381,350.00
TOTAL CONTRACT AWARDS	\$ 726,185.00

F. UW-PLATTEVILLE

1. 1977-79 Ullrich Hall Elevator and Women's Toilet
University of Wisconsin - Platteville
(Project No. 7810-07)

<u>CONTRACT AWARDS</u>	<u>CONTRACT AMOUNTS</u>
a. <u>General Work</u> Dyson Construction, Inc. 5018 Voges Road Madison, WI 53704	\$ 68,780.00
b. <u>Plumbing, Heating & Ventilating</u> Collins & Hying Plumbing & Heating P. O. Box 30, Highways 18 & 151 Dodgeville, WI 53533	\$ 22,009.00
c. <u>Electrical</u> Brandiwood Electric, Inc. 634 Water Street Prarie du Sac, WI 53578	\$ 6,724.00
d. <u>Elevator</u> Schumacher Elevator Company, Inc. 240 East Main Denver, IA 50622	
TOTAL CONTRACT AWARDS	\$ 138,013.00
2. 1978-79 Heating Plant Condensate Piping Replacement University of Wisconsin - Platteville (Project No. 7903-38)	
<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Piping Replacement</u> Mechanical Systems, Inc. P. O. Box 3343 Madison, WI 53704	\$ 12,918.00
TOTAL CONTRACT AWARD	\$ 12,918.00

G. UW-RIVER FALLS

1. 1973-75 Miscellaneous Site Clearance and Development & 1975-77 Heating Plant Access Road & 1976 Rodli Commons Parking Area
University of Wisconsin - River Falls
(Project No. 7312-11)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Site Work</u> Pember Excavating, Inc. Route #4, Box 100B Menomonie, WI 54751	\$ 35,491.00
TOTAL CONTRACT AWARD	\$ 35,491.00

- 2. 1977-79 Small Energy Conservation Projects
(Physical Science Building)
University of Wisconsin - River Falls
(Project No. 7803-19)

CONTRACT AWARD

CONTRACT AMOUNT

- a. H&V Control System Modifications
MCC Powers
2808 Anthony Lane South
Minneapolis, MN 55418

\$ 4,480.00

TOTAL CONTRACT AWARD

\$ 4,480.00

- 3. 1977-79 Mechanical/Electrical Monitoring System
University of Wisconsin - River Falls
(Project No. 7806-21)

CONTRACT AWARD

CONTRACT AMOUNT

- a. Computerized Automation Center
Johnson Controls, Inc.
1801 - 67th Avenue North
Minneapolis, MN 55430

\$ 277,699.00

TOTAL CONTRACT AWARD

\$ 277,699.00

H. UW-STEVENS POINT

- 1. 1977-79 Small Energy Conservation Projects
(Learning Resources Center)
University of Wisconsin - Stevens Point
(Project No. 7803-19)

CONTRACT AWARD

CONTRACT AMOUNT

- a. Air Handling Unit Changes
Johnson Controls, Inc.
2140 American Drive
P. O. Box 1134
Appleton, WI 54912

\$ 3,996.00

TOTAL CONTRACT AWARD

\$ 3,996.00

I. UW-STOUT

- 1. 1977-79 Small Energy Conservation Projects
(Industrial Arts Building)
University of Wisconsin - Stout
(Project No. 7803-19)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Automatic Temperature Control System</u> Honeywell 7400 Metro Boulevard Edina, MN 55435	\$ 9,224.00
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TOTAL CONTRACT AWARD	\$ 9,224.00
2. 1977-79 Small Energy Conservation Projects (Physical Education Building) University of Wisconsin Stout (Project No. 7803-19)	
<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>H&V Control System Modifications</u> Honeywell 7400 Metro Boulevard Edina, MN 55435	\$ 9,948.00
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TOTAL CONTRACT AWARD	\$ 9,948.00
3. 1979 Four Building Roof Repairs/Replacement (Fleming, Chinnock, Oetting Halls and Applied Arts Building) University of Wisconsin - Stout (Project No. 7903-29)	
<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>All Work</u> Nleman Roofing Company, Inc. P. O. Box 64 New Prague, MN 56071	\$ 113,580.00
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TOTAL CONTRACT AMOUNT	\$ 113,580.00
4. 1979 Nelson Field Resodding University of Wisconsin - Stout (Project No. 7906-16)	
<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>All Work</u> Kenneth R. Freitag, Inc. Route #2, Box 24 Eau Claire, WI 54701	\$ 4,972.00
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TOTAL CONTRACT AWARD	\$ 4,972.00

J. UW-SUPERIOR

1. 1977-79 Mechanical/Electrical Monitoring System
University of Wisconsin - Superior
(Project No. 7806-24)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Computerized Automation Center and Related Work</u> Hooper Construction Corporation 2030 Pennsylvania Avenue Madison, WI 53704	\$ 251,735.00
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TOTAL CONTRACT AWARD	\$ 251,735.00

2. 1977-79 North Campus Development
University of Wisconsin - Superior
(Project No. 7809-18)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Site Work</u> JMC, Inc., of Wisconsin 814 21st Avenue East Superior, WI 54880	\$ 51,900.00
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TOTAL CONTRACT AWARD	\$ 51,900.00

K. UW-WHITEWATER

1. 1977-79 Baker/Salisbury/Winther Halls Roof Repairs
University of Wisconsin - Whitewater
(Project No. 7808-25)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>General Roof Repairs & Replacements</u> Portage Lumber Company, Inc. 1009 East Wisconsin Street Portage Wisconsin 53901	\$ 57,108.00
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TOTAL CONTRACT AWARD	\$ 57,108.00

2. 1979 Bowling Alley Refurbishing
University of Wisconsin - Whitewater
(Project No. 7907-27)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>All Work</u> McDermott Enterprises, Inc. Route #2, Box 181 Sullivan, WI 53178	\$ 4,400.00
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TOTAL CONTRACT AWARD	\$ 4,400.00

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

There are none to report this month.

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

- A. An agreement between Wisconsin Gas and UWC-Washington County for provision of natural gas has been signed by the Assistant Secretary of the Board June 29, 1979.
- B. An agreement between UW-Madison and Access to Independence, Inc., for lease by Access of 1,070 NASF of space, located at 1954 East Washington Avenue, has been signed by the Vice Chancellor for Administration June 29, 1979. The term of the agreement is from June 30, 1979 through June 30, 1980, at the annual rate of \$5,885.
- C. An agreement between the Red Cedar Clinic, Menomonie, and the Board of Regents for provision of student health services at UW-Stout has been signed by the Assistant Secretary May 14, 1979. The term of this agreement is for the 1979-80 Academic Year.
- D. The existing Child Care Center contract between the Catholic Charities Bureau and UW-River Falls has been extended through June 30, 1980. This is the final year of the current contract; and, if continued, a new contract will be renegotiated for the period beyond June 30, 1980.
- E. An agreement between Mr. Lyman Larson and the UW-Madison College of Agricultural and Life Sciences for research to determine the effects of fertilizer treatment on the yield and composition of alfalfa grown in the soils of western Wisconsin has been signed by the Vice Chancellor for Administration. This agreement allows for the use of 2.0 acres of land.
- F. An agreement between Roger H. Nelson and UW-Madison for the razing of obsolete structures located at the Physical Sciences Laboratory site has been signed by the Vice Chancellor for Administration July 24, 1979. They are in poor condition and constitute a hazard. Their current value is nominal, and considerable expense would be required to make them safe and usable. Mr. Nelson's sole consideration for the work to be done shall be the materials he may salvage.
- G. An agreement between the River Falls Medical Clinic, River Falls, Wisconsin, and the Board of Regents for provision of student health services at UW-River Falls has been signed by the Vice President for General Services. The term of this agreement is the one year, effective August 1, 1979.
- H. An agreement between the Board of Regents and Tom and Robin Kimmerer relating to the Arboretum security residence has been signed by the Vice Chancellor for Administration, UW-Madison, August 1, 1979. The term of this agreement is August 1, 1979 through July 31, 1981.

- I. An agreement between the City of Madison and UW-Madison on behalf of the Board for lease of approximately 1,549 NASF of space for use as a public health office and clinic facilities has been signed by the Vice Chancellor for Administration. The term of the agreement is from July 16, 1979 through May 31, 1984.
- J. An agreement between Extension Journal, Inc., and the University of Wisconsin-Extension, regarding editing, publishing, and distribution of the Journal of Extension, effective July 1, 1979, has been signed by the Vice President and Controller of the UW System.
- K. An agreement between Western Electric Company, Incorporated, and the University of Wisconsin - Madison providing for royalty-free use of software on the Computer Sciences Department PDP 11/45 computer, dated July 26, 1979, has been signed by the UW-Madison Vice Chancellor for Administration.
- L. To Be Published by UW-Press: Contributions to Volume 9, Studies in Eighteenth Century Culture.

<u>TITLE</u>	<u>CONTRIBUTORS</u>
"The Disembodied Rebels: Psychic Origins of Revellion In <u>Absolom and Achitophel</u> "	Anne T. Barbeau
"The Philosophical Achievement and Historical Significance of Johann Nicolas Tetens"	Jeffrey Barnouw
"The Jonathan Richardsons as Milton Critics"	Peter M. Briggs
"Narrating the Revolution: Ideology, Language and Form"	Lester H. Cohen
"The Search for an Enlightened Sovereign in Lessing's Drama"	Richard Critchfield
"Smallpox and Literature in Eighteenth-Century Spain"	John Dowling
"Scottish Responses to the New Chemistry of Lavoisier"	Arthur Donovan
"American Indians, Frenchmen, and Scots Philosophers"	Roger L. Emerson
"Artistocratic Opposition to the Establishment of a Foundling Home in Arequipa, Peru"	Mary A.Y. Gallagher
"Desire and the Structure of Eighteenth-Century Fiction"	Raymond F. Hilliard
"Edmund Burk's Indian Idyll"	Regina Janes
"Life in the Maze--Johnson's Use of Chiasmus In <u>The Vanity of Human Wishes</u> "	Elizabeth MacAndrew

<u>TITLE</u>	<u>CONTRIBUTORS</u>
"The Veil of Chastity: Mary Astell's Feminism"	Ruth Perry
"The Ironic Narrator in the Novel: Isla"	J.H.R. Polt
"Walpoe's Whig Interpretation of Landscaping History"	Richard E. Quaintance
"The Art of Sympathy in Eighteenth-Century Moral Thought"	John B. Radner
"Voltaire's Quaker Letters as Strategical Truth: Altering the Reader's Perception in the Service of Higher Vision"	Marsha Reisler
"On the Background of Rousseau's First Discourse"	Walter E. Rex
"Conceptions of Mozart in Eighteenth-Century Periodical Literature"	William P. Robinson
"Gotthold Ephraim Lessing's Views on Theological Issues as Reflected in His Early Book Reviews"	Thomas P. Saine
"Le Comique par non-sens et faux-sens dans les contes de Voltaire"	Jean Sarell
"Utopias That Self-Destruct"	Philip Stewart
"Sahdwell in Acrostic Land: The Reversible Meaning of Dryden's <u>MacFlecknoe</u> "	David M. Veith
"The Libertine Hero and Heroine in the Novels of John Cleland"	Raymond K. Whitley
"Thomas Sheridan and Swift"	James Woolley
"Candide: Structure and Motivation"	Frederick M. Kenner
"The Delayed Reflex: Journalism in Josephinian, Vienna"	Joyce S. Rutledge

<u>TITLE</u>	<u>AUTHORS</u>
"Controlling Risk in International Agreements"	Richard B. Bilder
"Prairie Plants: A Beginner's Guide"	J. Robert Smith & Beatrice S. Smith

IV. REPORT OF ACTIONS TAKEN BY THE STATE BUILDING COMMISSION ON 7 AUGUST 1979 AFFECTING THE UNIVERSITY OF WISCONSIN SYSTEM.

UNIVERSITY	PROJECT	ACTION
1. UW-EAU CLAIRE	Requested authority to plan, bid, and construct a 1979 University Center Electrical Service Improvements project for an estimated total project cost of \$33,300.	APPROVED at \$33,000.
	* * *	
	Requested allotment of \$36,000 of State Building Trust Funds to plan, bid, and construct a 1979-81 Manhole Repair, Drainage, and Access project.	WITHDRAWN by BFM pending resolution of Preventative Maintenance project funding.
2. UW-EXTENSION	Requested authority to plan, bid, and construct a 1979 University Bay Center Load/Temperature Controls and Ventilation Modifications project, for UW-Extension, on the campus at UW-Madison, for an estimated total project cost of \$45,000.	APPROVED
3. UW-LA CROSSE	Requested release of \$40,500 of Land Acquisition Funds to purchase one 0.12 acre parcel of land.	APPROVED
	* * *	
	Requested release of \$30,700 of Land Acquisition Funds to purchase one 0.11 acre parcel of land.	APPROVED
	* * *	
	Requested release of \$127,000 of Land Acquisition Funds to purchase three parcels of land.	APPROVED
	* * *	
	Requested allotment of \$43,600 of State Building Trust Funds to plan, bid, and construct a 1979-81 Seven Building Insulation project.	APPROVED at \$22,000, excluding work related to the Ridgeview House and Maintenance/Stores Building.

UNIVERSITY	PROJECT	ACTION
4. UW-MADISON	Requested authority to increase the budget for the 1975-77 Geology/Geophysics Addition project, by an additional \$105,400 of Gift Funds, for a revised total project cost of \$1,805,400.	APPROVED
	* * *	
	Requested approval of the Concept and Budget Report for the 1979-81 Agricultural Engineering Building Addition-Phase I project and the release of an additional \$45,000 of Advance Planning Funds to prepare final plans and specifications for a total estimated project cost of \$1,275,000.	WITHDRAWN by BFM.
	* * *	
	Requested allotment of \$32,400 of State Building Trust Funds to plan, bid, and construct a 1979-81 Walnut Street Greenhouses Insulation project.	APPROVED
	* * *	
	Requested authority to plan, bid, and construct a 1979 Irrigation Well project, at the UW-Madison Arlington Experimental Farm, for a total project cost of \$21,500.	APPROVED
	* * *	
	Requested authority to increase the budget for the 1975-77 Bacteriology Remodeling and Addition/Electrical Sub-Station project, by \$54,000 of residual bonding authority, for a revised total project cost of \$2,395,200.	APPROVED
5. UW-MILWAUKEE	Requested release of \$20,000 of Advance Planning Funds for the preparation of a 1979-81 Fine Arts Center Health and Safety Study/Report.	APPROVED \$20,000 for preparation of Program, Preliminary Plans, and C&BR.
	* * *	

UNIVERSITY	PROJECT	ACTION
5. UW-MILWAUKEE (cont.)	Requested allotment of an additional \$5,765 of State Building Trust Funds for the 1977-79 Temporary Academic Building Service Access project for a revised total project cost of \$34,515.	APPROVED at \$43,000 combined with Temporary Metal Building Roof Repairs work.
	* * *	
	Requested allotment of \$8,400 of State Building Trust Funds to plan, bid, and construct a 1979-81 Temporary Metal Building Roof Repairs project.	APPROVED Refer to preceding action on 1977-79 Temporary Academic Building Service Access project.
6. UW-PLATTEVILLE	Requested allotment of \$38,500 of State Building Trust Funds to plan, bid, and construct a 1979-81 Seven Building Insulation project.	APPROVED with requirement that Williams Fieldhouse work be bid to verify payback of 10 years or less.
7. UW-STOUT	Requested authority to increase the budget for the 1977-79 Mechanical/Electrical Monitoring System project, by \$97,000, for a revised total project cost of \$360,000.	APPROVED
	* * *	
	Requested authority to increase the budget for the 1977-79 Library Learning Center project, by \$354,100, from \$5,672,000 to \$6,026,100, for the purpose of reinstating \$234,800 for Special Equipment and \$119,300 for Movable Equipment.	APPROVED
8. UW-SUPERIOR	Requested allotment of \$65,400 of State Building Trust Funds to plan, bid, and construct a 1977-79 Bleacher Seating Replacement project.	APPROVED
	* * *	

UNIVERSITY	PROJECT	ACTION
8. UW-SUPERIOR (cont.)	Requested allotment of \$84,000 of State Building Trust Funds for a 1979-81 Flood Damage Restoration project.	APPROVED
	* * *	
	Requested authority to reinstate \$14,600 of previously allotted State Building Trust Funds to the budget for the 1977-79 McCaskill Remodeling project for the purpose of creating a budget line item for the purchase of programmed Movable Equipment.	APPROVED
9. UW-WHITEWATER	Requested authority to increase the budget for the 1978 University Center Elevator project by \$12,500 for a revised total project cost of \$104,000.	APPROVED
10. SPECIAL	Requested allotment of \$267,000 of State Building Trust Funds to purchase Phase I-Movable Equipment for the 1977-79 Waukesha Center Expansion Equipment project for the University of Wisconsin Center - Waukesha.	APPROVED
	* * *	
	Requested release of \$5,000 of Advance Planning Funds to conduct site studies for the UW-Madison 1979-81 Family Practice Clinic - Wausau project, to be developed at Wausau, Wisconsin, for a total estimated project cost of \$920,800.	APPROVED
	* * *	
	Requested authority to permit the University of Wisconsin - Whitewater Foundation to construct a UW-Whitewater Alumni Center and to present the completed facility as a "gift-in-kind" to the UW Board of Regents upon completion of construction.	APPROVED with requirement that all plans and specs be reviewed and approved by UW-SA and BFM.

UNIVERSITY	PROJECT	ACTION
11. UW-EAU CLAIRE UW-MILWAUKEE UW-PLATTEVILLE UW-RIVER FALLS UW-STOUT	Requested release of \$296,200 of Advance Planning Funds for the preparation of Preliminary Plans and Concept and Budget Reports for the (1) 1979-81 Allied Health Center project, on the campus at UW-Eau Claire, at an estimated total project cost of \$4,149,000; (2) 1977-79 Downer Building Complex Remodeling-Phase I (Second Stage) project, on the campus at UW-Milwaukee, at an estimated total project cost of \$1,200,000; (3) 1979-81 Downer Buildings Remodeling project, on the campus at UW-Milwaukee, at an estimated total project cost of \$4,300,000; (4) 1979-81 Center for the Arts project, on the campus at UW-Platteville, at an estimated total project cost of \$4,049,000; (5) 1979-81 Agricultural Science Building Addition-Food Science, on the campus at UW-River Falls, at an estimated total project cost of \$2,708,700; and (6) 1979-81 Bowman Hall Remodeling project, on the campus at UW-Stout, at an estimated total project cost of \$1,950,000.	WITHDRAWN by BFM.
12. UW-GREEN BAY UW-LA CROSSE UW-MADISON UW-MILWAUKEE UW-OSHKOSH	Requested allotment of \$2,554,800 of State Building Trust Funds, as part of the UW-System's "1979-80 Annual Release" of 1979-81 Minor Projects, to plan, bid, and construct thirty-five (35) projects on the campuses at UW-Green Bay, UW-La Crosse, UW-Madison, UW-Milwaukee, UW-Oshkosh, UW-Platteville, UW-River Falls, UW-Stevens Point, UW-Stout, UW-Superior, and UW-Whitewater.	DEFERRED pending resolution of Minor Project/Preventive Maintenance funding.

UNIVERSITY	PROJECT	ACTION
13. OTHER BUSINESS	At the request of the Secretary, the State Building Commission approved the attached "Guidelines for Allocation of Funds for Energy Conservation Projects" (pink), released Funds for Consultants for Energy Conservation Projects (yellow), and approved "Procedures for Loans to Non-GPR Agencies or Facilities for All-Agency Projects" (blue). The latter document was amended by the Commission, as follows:	
	<p>"J. <u>Advance for All-Agency Projects:</u> Advances may be made to state agencies for the purpose of funding all or part of the cost of projects approved by the Building Commission for agencies or facilities not funded from general purpose revenues. Agencies receiving such advances shall reimburse the state building trust fund or the capital improvement fund as appropriate at an interest rate approximately equal to the cost of money of that funding source. The Secretary shall establish a schedule for payment of principal and interest within a reasonable period of time and reflecting, to the extent possible, the revenue-earning capability of the facility and the operating cost savings expected to be realized as a result of the project."</p>	

UW SYSTEM

LIST OF LEGISLATIVELY MANDATED STUDIES SPECIFIED IN 1979-81 BUDGET ACT

Unless otherwise noted, the studies are called for in Section 2054 of the act.

1. Enrollment Decline Study, due November 30, 1979.
This mandate calls for a review of missions, establishment of policies and procedures for program reductions and mission changes, and mission alterations for universities with costs exceeding 130% of the cluster average. The Board of Regents has responsibility for the report.
2. Enrollment Funding Formula Study, specified in Section 2033, due November 30, 1979.
The Legislative Council is to study the enrollment funding formula and make recommendations, including proposed legislation.
3. Variable Nonresident Tuition Study, due January 1, 1980.
The Board of Regents is to report on an experimental model for variable nonresident tuition adaptable to any UW System campus. The purpose of the experiment is to find a way to maximize the use of facilities in a period of enrollment decline. The mandate specifies the conditions that reasonable projections of additional students must be provided, that enrollment increases must generate additional revenue sufficient to at least offset revenue losses associated with reductions in tuition rates, and that enrollments exceeding the break-even point must serve to stabilize resident fees.
4. Study on Cooperative Extension Funding, due November 1, 1979.
The Board of Regents is directed to report on a plan for reducing the cooperative extension program, involving the county agents, to a level at which it can operate within available revenues if it is found that there will be insufficient federal funding after 1979-80.
5. Report on Reprogramming of Public Service Funds, due May 1, 1980.
The Board of Regents is to report on the methods it uses to ensure that the Board's priorities are reflected in decisions to reprogram public service funds within UW-Extension. The report must also identify a method by which state government may be regularly informed of public service projects that have been completed. Such reports are to be referred through the presiding officer of each legislative house to the appropriate standing committee.
6. Report on Continuing Education Fees, due May 1, 1980.
The Board of Regents is to report on the progress made by UW-Extension in implementing the continuing education fee study submitted under a 1975 law. The Board must also report on any modifications found necessary to apply a consistent education fee policy to the offerings of UW-Extension and interinstitutional offerings, or to make other changes for efficient and effective delivery of continuing education. The report is to be transmitted to the presiding officer of each house for referral to an appropriate standing committee.

7. Report on National Direct Student Loans, due January 1, 1980.
The Board of Regents and HEAB must report on the status of their respective functions and costs in administering the NDSL program and their recommendations for improvements in billing and collection services for these loans.

8. Family Practice Curriculum Study, specified in Section 2020, due January 1, 1980.

The Medical Education Review Committee is directed to study the feasibility of establishing a family practice curriculum in the undergraduate portion of medical education at both UW-Madison and MCW, Inc.

9. Study of Potential Parking Revenue, specified in Section 2006m(9), due for Annual Review (date not specified).

The Building Commission is required to report to the Joint Committee on Finance on the feasibility of increasing parking fees on University System campuses in order to finance parking facility acquisition and development.

10. Recommendations on Separate Compensation of Resident and Intern Physicians, due October 1, 1979, as specified in a June, 1979, action by the Joint Committee on Employment Relations.

The Secretary of Employment Relations, in consultation with the University of Wisconsin-Madison, is required to develop recommendations for a separate compensation plan for residents and interns for review and possible action by the Joint Committee on Employment Relations.

October 1: Recommendations on Separate Compensation of Resident and Intern Physicians

November 1: Study on Cooperative Extension Funding

November 30: Enrollment Decline Study
Enrollment Funding Formula Study

January 1: Variable Nonresident Tuition Study
Report on National Direct Student Loans
Family Practice Curriculum Study

May 1: Report on Reprogramming of Public Service Funds
Report on Continuing Education Fees
Study of Potential Parking Revenue

SECTION 2054. Nonstatutory provisions; university of Wisconsin system.

(4) ENROLLMENT DECLINE STUDY. (a) The legislature finds that declining enrollments in the university of Wisconsin system have led to imbalances in the allocation of funding among the campuses of the system and to substantial variations in the support available at each campus for the education of students; that prospective, further enrollment declines are likely to widen the already substantial variations in support among the campuses; that the institutional and program array of the university system must be reviewed in light of prospective enrollment declines; and that appropriate planning activities must be undertaken to ensure the maintenance of program quality within a university system of reduced enrollment. The state of Wisconsin will not continue the current level of fiscal support of the university system when enrollments no longer justify that level. Accordingly, the board of regents of the university of Wisconsin system shall:

1. Review the missions, program arrays and corresponding fiscal requirements and issues related to faculty tenure, tenure density and nontenured faculty of each of the institutions of the university of Wisconsin system in light of enrollment levels in the 1980's and 1990's.

2. Establish system policies and procedures for the development and review of institutional plans for program reductions and mission changes in response to enrollment declines.

3. At institutions where current missions and program arrays are not sustainable at anticipated levels of enrollment and at costs which are comparable to other institutions within the same doctoral or nondoctoral campus grouping, take actions within its statutory powers to achieve scopes of operation consistent with enrollments at those institutions or, in instances where legislative action is required, request such action.

(b) If, in the judgment of the board of regents of the university of Wisconsin system, a campus cannot be sustained as a 4-year and graduate campus at a level of fiscal support within 30% of average support within the same doctoral or nondoctoral campus grouping, the board of regents shall prepare an implementation plan for altering the mission of the campus.

(c) The board of regents of the university of Wisconsin system shall report the results of their review and their determinations to the legislature and the governor prior to November 30, 1979.

(5) NATIONAL DIRECT STUDENT LOANS. The board of regents of the university of Wisconsin system and the higher educational aids board shall report to the joint committee on finance by January 1, 1980, on the status of their respective functions and costs in administering the national direct student loan program and on their recommendations for improving billing and collection services for these accounts.

(6) VARIABLE NONRESIDENT TUITION STUDY. The board of regents of the university of Wisconsin system and the department of administration shall develop and report to the committee on joint finance by January 1, 1980, an experimental proposal for utilizing a schedule of variable nonresident tuition which can be adapted to any university of Wisconsin system campus and which will serve to maximize usage of university of Wisconsin system facilities in a period of declining enrollment. The proposal shall include reasonable projections of the number of additional nonresident students who will be attracted by such a program and a determination that such increases in enrollment will offset the gross loss of revenue resulting from the tuition reduction and that enrollments which exceed that number will serve to stabilize resident fees.

EXHIBIT F

October 24, 1975

UNIVERSITY OF WISCONSIN SYSTEM

REGENTS' POLICY ON RESIDENCE HALL VISITATION

Residence hall visitation policy is a matter for individual campus action within the guidelines below. Within this policy, each institution shall insure that the visitation option or options selected fall consistently within the educational mission of the institution and not interfere with the institution's educational program.

1. Visitation is defined as those time periods when residents may invite friends or relatives of the opposite sex to visit them in their residence hall rooms. The visitation policies developed under these guidelines shall permit only visitation; cohabitation and sexual behaviors illegal under Wisconsin statute are prohibited.
2. Campus visitation options are defined by this resolution as:
 - a. Closed: A policy in which no visitation is permitted.
 - b. Limited: A policy in which in no case shall room visitation exceed a maximum of 17 hours per day, with residence halls closed not later than 2:00 a.m. on any day.
 - c. Open: A policy in which a maximum of 24 hours of visitation is permitted.
3. Campuses may elect to have closed and limited visitation or closed, limited, and open visitation, but whatever options are chosen, the opportunity to reside in areas having closed and limited visitation shall be provided to both men and women on every campus.
4. When applying for a room in a residence hall, students shall choose among the visitation options offered by the campus.
5. All students under the age of 18 at the beginning of the academic year in which they enroll shall live in non-coeducational, non-visitational areas unless special parental or guardian permission to live in limited or open visitational areas accompanies their application for residence.
6. Students who live in University of Wisconsin System residence halls shall participate in the development of visitation policies for the halls in which they reside through local campus housing governments.
7. Campus visitation policies must be approved by the Chancellor.
8. This policy shall be placed in effect for a three-year period beginning no later than the first semester 1976-77; reports on individual campus policies are to be filed annually by June 1, with the Senior Vice President for Academic Affairs.

EXHIBIT G

I. University of Wisconsin System Policy for Prorating Heating and Air Conditioning Costs for Program Revenue Funded Facilities Served by a Campus Heating/Chilling Plant

A. Campus Heating/Chilling Plants, Distribution Systems, and Extensions

- A.1. Project costs for the initial construction, subsequent additions, modification, repair and maintenance of campus central heating/chilling plants shall be requested to be funded from GPR supported funds.
- A.2. Project costs for the initial construction, subsequent additions, modification, repair and maintenance of campus heating/chilling distribution system service lines, including related tunnels, access pits, and/or conduits, shall be requested to be funded from GPR supported funds.
- A.3. Project costs for the initial construction of heating/chilling distribution system service line extensions, from the campus heating/chilling distribution system service lines to a building, shall be requested to be funded from the same source of funds used in the project cost for the construction of the building served.

B. Satellite Heating/Chilling Plants

- B.1. Project costs for the initial construction, subsequent additions, modification, repair and maintenance of satellite heating/chilling plants shall be requested to be funded from the same source of funds used in the project cost for the construction of the building(s) served.
- B.2. Project costs for the initial construction, subsequent additions, modification, repair and maintenance of campus heating/chilling distribution system service lines and extensions, including related tunnels, access pits, and/or conduits shall be requested to be funded from the same source of funds used in the project cost for the construction of the building(s) served.

C. Prorating Heating and Air Conditioning Operating Costs for Program Revenue Funded Facilities Served by Campus Heating/Chilling Plants

- C.1. The UW System is required to allocate operating costs of campus central heating/chilling plants in accordance with the provisions of s. 20.285(1)(c), Wis. Stats., which states as follows:

"Utilities and heating. A sum sufficient to pay for the use of electricity, water and sewer and to cover the cost of coal or other fuels used for heating or cooling, including freight charges and local hauling

EXHIBIT H

charges, where applicable. Coal or fuel oil purchases under this paragraph shall be purchased pursuant to s. 16.71. Payment for coal purchased hereunder shall be made as provided in s. 16.91. This program expenditure shall be reimbursed from par. (h) for the cost of all charges, including transportation, properly allocable to auxiliary enterprises."

- C.2. Allocation of operating costs from satellite heating/chilling plants in Program Revenue funded facilities for services provided to GPR-funded facilities shall be reimbursed in the same manner as auxiliary enterprises, per s. 20.285(1)(c).

II. The State Building Commission Action Requesting Regent Policy

The State Building Commission, at its regular meeting on May 22, 1979, discussed a modification in the central heating/air conditioning system at UW-Green Bay and a University Center air conditioning project at UW-Whitewater. The following action was taken in deferring these two requests:

MOVED BY SENATOR THENO, SECONDED BY MR. FISH, TO DEFER THE REQUESTS AND HAVE THE UW DEVELOP A POLICY PROPOSAL FOR CONSIDERATION AND ACTION BY THE BOARD OF REGENTS WHICH ADDRESSES THE SUBJECT OF PRORATING HEATING AND AIR CONDITIONING COSTS FOR PROGRAM REVENUE FUNDED FACILITIES SERVED BY A CAMPUS CENTRAL HEATING/COOLING PLANT. MOTION CARRIED.

The motion resulted from a discussion initiated by Governor Dreyfus, noting that the cost for the capital investment in central chillers was charged to General Purpose Revenues while all of the funding for a satellite chiller, serving only a fee-supported student center came from Program Revenues. The varying impact that these two funding methods have on student charges resulted in the State Building Commission adopting the above resolution.

III. Review of and Rationale for University of Wisconsin System Policies (Pre- and Post-Merger) for Prorating Heating and Air Conditioning Costs for Program Revenue Funded Facilities Served by a Campus Central Heating/Chilling Plant

A. Past and Current Regent Policies Relating to Funding Source for Constructing Central Heating/Chilling Plants and Satellite Heating/Chilling Plants

A-1 Central Heating/Chilling Plants

The Regents of the pre-merger Chapter 36 and 37 institutions and the Regents of the merged System have consistently recommended funding all costs for constructing central heating/chilling plants from GPR-supported funds. This decision has been consistently endorsed in the form of budget approvals by the State Building Commission, the Legislature and the Governor.

Prior to merger, the two university Systems had separate policies relating to the concept of providing chilling capacity. The former Chapter 36 universities (UW-Green Bay, Madison, Milwaukee, and Parkside) were provided with central chillers funded from GPR sources.

It has only been within the last five years that Program Revenue funded air conditioned student centers were constructed at UW-Green Bay and Parkside and these represent only 3% and 10%, respectively, of the total campus GSF. The cost of extending this service to the student centers was funded by Program Revenues.

The UW-Madison Memorial Union was connected to the campus chilled water distribution system to eliminate three satellite chillers because of reduced costs of utilizing chilled water from the campus heating/chilling system. In this instance, a payment was made by the Memorial Union which covered a portion of the central chiller, as well as the service line extension.

The relatively limited amount of chilled space required for GPR facilities in the former Chapter 37 universities did not warrant the cost of campus chillers. Therefore, where chilled water was needed, satellite chillers were constructed.

A-1a Rationale: Central Heating/Chilling Plants

The GPR-funded central chillers were constructed for GPR-supported facilities with minimal demands for Program Revenue facilities. Student centers are the primary Program Revenue users of chilled water, yet represent only a small fraction of the total space being chilled on a university campus. The basic justification for campus chillers was that they represented the most economic means of providing this service. The connected load to Program Revenue facilities for chilling services has not required any increase in equipment capacity.

The Regents recognize that students have made a large capital investment for facilities that will be provided to the state debt free for use by future generations of students. It is also recognized that the state-supported programs benefit from the use of space beyond that provided for the students through GPR funds and for which the capital investment came from segregated fees and student charges.

It should also be noted that guidance was provided to the Regents, State Building Commission and Legislature by s. 20.285(1)(c), Wis. Stats. which limits the sharing of costs of central heating and chilling plant operations to fuel costs only (see C-1, page 2).

The major motivating factor for providing a central unit was that it represented the most cost effective means of providing heating and cooling to a contiguous grouping of state facilities.

A-2 Satellite Heating and Chilling Plants

It has been the consistent policy of the Regents, prior to and following merger, to fund construction of satellite heating and chilling plants serving only GPR or Program Revenue facilities. from the same funding sources as used to construct the facilities. For example, Program Revenue supported funds would be used to construct the heating and chilling plant as well as the building itself, i.e., food service center, student center or residence hall.

A-2a Rationale: Satellite Heating and Chilling Plants

Where separate chillers were provided, and were directly related to the building's function, costs were routinely included in the construction budget for the building.

A-3 Chillers Serving Multiple Buildings, Including GPR and Program Revenue Supported

The Regents of the former Chapter 37 universities and the Regents of the merged System have consistently followed these policies:

- (1) Satellite chillers built initially to serve both GPR and Program Revenue supported facilities were funded in direct proportion to the amount of space cooling being provided. Construction funding of this nature has occurred at UW-Eau Claire.
- (2) Satellite chillers initially constructed to serve Program Revenue facilities were not reimbursed for a proportionate share of the original cost when GPR buildings later were connected to the unit. However, operating costs were shared. This has occurred at UW-La Crosse and UW-Stevens Point.

A-3a Rationale: Shared Capital Costs

Capital costs were shared only where joint GPR/PR use was known at the time the units were constructed. When chillers installed by Auxiliary Enterprises were of sufficient size to allow extending the chiller capacity to GPR buildings, this was done and has resulted in reduced operating cost gained from operating the equipment at a more efficient level of capacity.

A Statement on UW Center System Physical Facilities Planning

The Board of Regents notes that inquiry has been made to members of the Board of Regents by Mr. Herman Ripp, Chairperson of the Outagamie County Board of Supervisors, concerning the staffing intentions of the Board of Regents for the Fox Valley Center in the foreseeable future. This inquiry is made incident to consideration now being given by the Outagamie and Winnebago County Boards to support for a construction program to complete the educational facilities at the Fox Valley Center at Menasha.

The Board of Regents further notes that in actions and discussions taken by the Board of Regents since 1975, identification has been made of the fact that four among the fourteen Centers of the UW System have incomplete physical plants. Center completion work is underway at the Waukesha Center; consideration of Center completion is in process for the Centers at Menasha, Janesville, and West Bend.

Given both formal inquiry from Outagamie County, and informal interest in the Board position at other counties where campus completion planning is underway, the Board believes it wise at this time to call attention to considerations now affecting the physical plant planning responsibilities of the Board of Regents and to transmit this information to the County Boards, City Councils where they are involved, and affected Centers.

The Board of Regents emphasizes that it has no present information which would cause it to advise against continuation of planning at the County or County/City level where campus completion projects are currently underway which meet the tests of educational need, facility space standards, and prudence stated in Regent planning principles. Indeed, where campus completion facility deficits are well established, expeditious completion of county or county/city action is wise given the impact of delay on educational quality and ultimate costs. However, the Board points out that additional considerations affecting Board action on proposals which reach it could possibly be introduced as a result of the special System planning studies now underway for state government relative to projected enrollment decline in the 1980s. Given the context of prior planning principles and current studies, the Board position regarding campus completion facilities planning for Centers where such projects may be considered is as follows:

1. The Board of Regents reaffirms the appropriateness of the Planning Principles relative to physical plant construction as stated in L.R. 3.5, dated March 1978. This document is attached, and particular attention is called to principles C., F. and K. contained in Part II. The Regents further affirm that within these principles, and from the results of staff studies of current facilities, it is clear that the Centers at Waukesha, Menasha, West Bend and Janesville currently do not have facilities appropriate and necessary, within generally accepted standards for higher education, for the most effective and efficient conduct of current program offerings.

2. Consistent with these principles and the law, approval of funds for construction by the local governing body/bodies, approval of the plans by the Regents, recommendation of support for equipment by the Regents, and approval of the support for equipment by the State Building Commission are necessary steps prior to the letting of contracts for construction. The Board of Regents does not forward recommendations to the Building Commission for appropriate funding by the state of equipment for new physical plant construction approved by a County Board and City Council, where required, until such time as it receives from the County Board or City Council, through the Chancellor, and System Administration, a request for equipping the physical plant construction approved for funding by the local governing body. When these steps have been completed, the Regents implicitly assure required support for the maintenance of the facilities thus established through the biennial operating budget process.
3. Given these facts, the Regents affirm that it is appropriate for System facilities planning staff, Center System staff, and the relevant local governing bodies to proceed with examination of the facility requirements for the four Centers identified, and to bring plans forward to the Board of Regents at such time as agreement and approval are achieved at the local government level.
4. In affirming the appropriateness of planning, however, the Regents need to advise the relevant local governing bodies, Center System staff, and the UW System staff of two perspectives on planning for the 1980s which will affect final Regent action on any proposals brought forward to the Regents. These are:
 - (a) The Regents are determined, in the presence of projected enrollment declines during the 1980s, to avoid any new physical plant construction not completely justified by the considerations in the planning principles referenced in Section 1, foregoing. It is particularly emphasized that new construction not be undertaken to provide instructional space in anticipation of any growth in enrollment as contrasted with campus completions. Full exploration of the possibility of converting present space to meet deficits in special purpose educational facilities should be carried out prior to a determination that new space is required. The Regents are fully committed to providing quality higher educational opportunity for Wisconsin citizens, but they are equally committed to all feasible steps for containing increased costs of higher educational opportunities.
 - (b) The Regents will consider proposals currently in process for new facility construction in the Center System after completing the special studies for state government now underway relative to management of the System during the forthcoming decade of enrollment decline. See Chapter 34, Laws of 1979, Section 2054 (4) attached.

The agencies developing Center plans for new physical plant construction should be advised of the mandates of the executive and legislative branches of state government that the Regents report by November 30, 1979 on the ways in which they propose to manage institutional missions, program arrays, staffing and budgets in this period of projected enrollment decline. While the Board of Regents does not at this time anticipate recommendations from these studies which would alter the physical plant planning principles now in place, it is clear that the Board would be ill advised to proceed with new decisions until the recommendations of these studies have been completed and have been reviewed by state government.

ENROLLMENT FUNDINGSECTION 2054. NONSTATUTORY PROVISIONS; UNIVERSITY OF WISCONSIN SYSTEM.

(4) ENROLLMENT DECLINE STUDY. (a) The legislature finds that declining enrollments in the university of Wisconsin system have led to imbalances in the allocation of funding among the campuses of the system and to substantial variations in the support available at each campus for the education of students; that prospective, further enrollment declines are likely to widen the already substantial variations in support among the campuses; that the institutional and program array of the university system must be reviewed in light of prospective enrollment declines; and that appropriate planning activities must be undertaken to ensure the maintenance of program quality within a university system of reduced enrollment. The state of Wisconsin will not continue the current level of fiscal support of the university system when enrollments no longer justify that level. Accordingly, the board of regents of the university of Wisconsin system shall:

1. Review the missions, program arrays and corresponding fiscal requirements and issues related to faculty tenure, tenure density and nontenured faculty of each of the institutions of the university of Wisconsin system in light of enrollment levels in the 1980's and 1990's.

2. Establish system policies and procedures for the development and review of institutional plans for program reductions and mission changes in response to enrollment declines.

3. At institutions where current missions and program arrays are not sustainable at anticipated levels of enrollment and at costs which are comparable to other institutions within the same doctoral or nondoctoral campus grouping, take actions within its statutory powers to achieve scopes of operation consistent with enrollments at those institutions or, in instances where legislative action is required, request such action.

(b) If, in the judgment of the board of regents of the university of Wisconsin system, a campus cannot be sustained as a 4-year and graduate campus at a level of fiscal support within 30% of average support within the same doctoral or nondoctoral campus grouping, the board of regents shall prepare an implementation plan for altering the mission of the campus.

(c) The board of regents of the university of Wisconsin system shall report the results of their review and their determinations to the legislature and the governor prior to November 30, 1979.

L.R. 3.5 - CAPITAL BUDGET PLANNING PRINCIPLES 1979-83

I. INTRODUCTION

This paper sets forth basic principles for capital budget planning within the UW System. It is intended to provide direction to the individual universities and System Administration in the formulation of capital development programs during the 1979-83 period. These principles will be used to identify and periodically update physical facilities planning goals and assumptions and the specific capital budget planning guidelines which, as a special subset, are supplemental to this paper.

Because the process involved between the time that a major construction project is identified and the time that it is completed often spans many years, decisions are often made in one year which must take into account the physical accommodation of university programs for a decade and longer. Thus, these capital budget planning principles, while relating to a four year period, are set forth in the context of projection of university missions and demographic data through 1992.

The principles embodied in this paper will be applied in the evaluation of university and Systemwide capital requests which are included in both annual and biennial capital budgets. Although these principles are intended to be effective for the 1979-83 planning period, they will be reviewed biennially.

II. PRINCIPLES BASIC TO CAPITAL BUDGET PLANNING

The buildings and other physical facilities which make up the several campuses of the University of Wisconsin System play a vital part in carrying out the purposes of this higher education system. While the people of this state put far larger sums of money into the year-by-year costs of conducting the programs of instruction and research, the investments in the physical plant have been substantial indeed. And the quality of that physical plant has contributed immeasurably to the offering of quality programs by the System.

Sound capital development planning must always take into account what may be required in the future, but must also establish a framework for making optimal use of what now exists. The System cannot merely define what may be newly required some time hence; it must also expend even greater effort planning the wise stewardship of past commitments.

These planning principles, then, are designed to guide the System and its universities in conducting a continuing evaluation of educational programs from the perspective of what facilities they require. In addition, they are intended to provide a guide to the prudent stewardship of existing

physical facilities and how they can best continue to serve the purposes of this system of universities.

A. Planning for Continued Efficient Use of Existing Facilities and Capital Equipment

To seek in System capital development planning to protect the large investments already made by the state in the physical plant and equipment of its universities, to continue the efficient use of existing facilities where feasible and practical, and to provide for the replacement of capital equipment on a systematic basis.

The UW System is the largest single instructional and research enterprise in the state of Wisconsin. With a physical plant currently valued at nearly \$2 billion, and with universities and facilities spread across all broad geographic areas of the state, it is clear that a fundamental underlying principle of all long-range capital development planning for the System must be to protect, maintain and enhance the investments made by previous generations. Some buildings and facilities will become obsolete or no longer functional, and some will be more costly to maintain and continue to operate than to replace. But, for the most part, with careful, imaginative planning, existing buildings can continue to be used for particular university functions.

Capital equipment wears out or becomes obsolete much more rapidly than buildings--much of it in ten years or less, most of it within twenty years. Nearly 45 percent of the space in UW System buildings, including Center System buildings owned by cities/counties, was constructed in the 1961-70 decade. Very little of the original capital equipment acquired in those building projects has been replaced. Therefore, it is clear that new methods must now be established to provide for its replacement. In addition, because of rapid advances in educational technology and in the methods of scientific investigation, it is equally clear that new investments will be necessary to acquire the equipment required to teach students and to conduct research in an increasingly complex technological world.

B. The University Physical Plant--An Integral Part of the Educational Experience

To seek to create through System and university capital development planning processes a physical environment at each university which will not only facilitate the provision of quality higher education programs, but also by its own makeup and appearance, contribute to the aesthetic and overall educational experience of the entire academic community.

The universities in this System are all principal physical components of the communities in which they are located. Thus, their physical appearance, character and integrity stand as indelible statements of the nature of and value of these institutions, not only to the students and faculties, but also to the people of those communities and others who visit them. For all of these people, these physical attributes can add a rich dimension to the experience each derives from this connection with a university. Therefore, now that the new building era has largely ended in the System, a higher priority can be placed on achieving the integrated physical development of each university in relation to its purposes and community.

During the past decade and a half of rapid building construction it was either too difficult or of lesser priority to devote sufficient resources to complete the exterior development of the universities. Now, with new building construction largely at an end, greater attention is needed to the creation of those physical developments at the universities--pedestrian, bicycle, and vehicular circulation, landscaping, open spaces, activity areas--which add distinctive character and integrity to those universities. The purpose of this is to add that physical dimension to the universities which will not only make the use of them more efficient but which will, by the quality of those improvements, enrich and enliven the experience of those who work and learn and of those who visit.

C. Enrollment Projections and Facilities Planning

To plan capital facilities and space requirements for instructional purposes on the basis of enrollment levels and distributions which may reasonably be projected to be maintained for the System and by its universities through 1992 and beyond.

Current projections indicate that System enrollments will peak in the early 1980's and decline over the balance of the decade. In view of this assumption, particular enrollment levels for capital development planning will be established for each university and center for the purpose of determining and evaluating facilities requirements. These planning levels will be established under the assumption that some overload in facilities can be accommodated during the next several years. The System should not increase permanent space to respond to needs which are predictably temporary. But facilities relate both to programs and to the numbers of people being served. Therefore, it will require careful planning and continuous adjustment to coordinate facilities requirements to serve varying numbers of students and the distribution of those students among program areas. An exception to the projected pattern of enrollment decline are the outreach programs which are anticipated to grow steadily during the next several decades and which will base facilities planning on such growth and associated program needs.

D. University Space Utilization

To assure that university planning for capital development projects is undertaken in the context of comprehensive university space plans which take into account foreseeable program shifts and requirements, which balance space surpluses and deficits, and which specify space use in university buildings for the period through 1992.

With attention focused on achieving more effective space management and optimum utilization of existing space, and given the uncertainties of enrollment patterns and foreseeable changes in research directions over the next decade, particular attention should be devoted to a university's ability to accommodate changing program demands within existing facilities. As some programs are added, others may be discontinued; and as some increase in size, others will decline. It, therefore, becomes essential for a university to assess space requirements from a universitywide perspective. Alternatives which may be available for solving certain space problems in a particular biennium can be most clearly identified when examined within the context of a long-range universitywide space plan.

E. Renovation, Conversion and Remodeling

To make use of all existing System facilities, wherever necessary and feasible, recognizing that such use may require substantial dollar

investments in upgrading and remodeling these buildings and, where appropriate, converting them to new uses. Thus, in considering facilities requirements, universities should first examine the potential use of available existing facilities as an alternative to new construction.

With an investment of well over \$2 billion dollars in physical facilities, the System must continually pursue the modernization, renovation and remodeling of these facilities in order to protect that investment and extend to the maximum the useful life of the buildings. Because of shifting program needs and the requirements of modern teaching and research practices, many older facilities require functional changes and updating in order to properly accommodate programs whose character has changed substantially.

F. New Construction, Including Major Additions to Existing Buildings

To request new construction projects only where past capital budgets have failed to meet basic needs, where approved programs require specific kinds of facilities not presently available, or where existing space cannot feasibly be converted for such uses.

For the past two biennia, the System has formulated its capital budget program based on this basic policy position. It is predicated on the general assessment that sufficient instructional space now exists or is authorized to meet anticipated enrollment levels. Some facility requirements are not satisfied, however, by this general rule. Changing program makeup, different teaching and research technology, and the expansion of knowledge itself, may contribute to new facility needs. Moreover, not all space needs have been fully met by past capital development. Nevertheless, System universities must demonstrate in any proposal for new construction that all feasible alternatives, including program shifts where necessary, have been thoroughly considered and documented.

G. Conservation of Energy and Natural Resources

To plan the university and System capital budget with the goal of achieving the maximum feasible reduction in the consumption of energy consistent with maintaining an adequate environment for the conduct of System instructional, research, and related programs.

The University of Wisconsin System has implemented a comprehensive program to reduce its current levels of energy consumption. This effort is being undertaken to both join in the state and national commitment to reduce the use of these finite resources, as well as to control this most rapidly expanding area of System budget expenditures.

While much can be achieved to reduce energy use through the ways in which buildings are managed, operated, and maintained, it is increasingly clear that to accomplish further long-range major reductions in energy consumption will require major investments in physical plant to make optimum use of alternative fuels, to make heating and electrical generation systems more efficient, to change building mechanical and electrical systems, and to curtail heat loss in winter and heat gain in summer. Such investments will require careful study and planning because they involve complex technical questions about which much is still to be learned. But, even though not all technological answers are apparent, the System is committed in all its capital development planning to the identification of all ways in which reduced energy consumption can be achieved.

H. Remove Barriers for the Handicapped

To reaffirm and continue previous System plans, policies, and commitments for the removal of physical barriers to allow access by handicapped persons to university buildings and facilities.

For the past two biennia the UW System has placed a high priority in its capital budget planning on modifying university physical plants to remove physical barriers which prohibit or inhibit use of facilities by handicapped persons. Since the initiation of those actions, new emphasis has been placed on this goal by both state and federal governments.

While substantial progress has been made in this direction, much more remains to be accomplished, both to fulfill the System's commitments made previously and to carry out the spirit and intent of state and federal policy. Therefore, in keeping with this previous resolve, reinforced by the federal directive contained in Section 504 of the Rehabilitation Act of 1973, the System will work to assure that no otherwise qualified handicapped individual shall, solely by reason of handicap, be denied the benefits of, or be subjected to discrimination under, any program or activity of the System and to ensure that convenient and accessible housing provided for handicapped students is comparable to that provided for nonhandicapped students.

J. Self-Amortizing Projects

To affirm the commitment of the System to resist any increases in student segregated fees in its capital development planning processes, with respect to any proposed self-amortizing projects, and to assure the explicit participation by students in the formulation of plans and requests for projects which include segregated fee funding. Basic to the planning and consideration of all self-amortizing capital development requests (as with state-funded projects), will be a thorough evaluation of student and program demand; however, it will be the policy of the System to rely on the private sector to provide for student housing needs which exceed existing university capacities.

These projects may include dormitories, parking facilities, student centers and unions and, in some instances, recreational or athletic facilities which may be requested by a university alone or on a cooperative basis with other institutions or municipalities. The Board of Regents and System Administration have frequently voiced a commitment to resist increases in student segregated fees. At the same time, System policy, established under provisions of the merger act, is to assure full student participation in planning and in decision making about actions and projects which may affect segregated fees. Therefore, this planning principle reaffirms these two tenets of System policy with respect to capital budget planning for self-amortizing projects.

While there is currently a resurgent demand by students for accommodations in university-operated residence halls, the anticipated decline in student enrollment through the coming decade clearly signals a very cautious approach in this area. Therefore, the policy of the System will be to encourage the private development of dormitories where there is current demand for student housing.

K. The Center System

To consider requests for funds for movable equipment for new facilities at Center System campuses after the county and/or city in which the Center campus is located has made an official commitment to the financing of the new facilities for which the equipment would be needed.

State law provides that the construction cost of new buildings at Center campuses is to be financed by the county or city in which they are located (those local governments own these facilities which are then leased to the UW System). The law also provides that the state will finance the cost of the movable equipment required. While these decisions are the prerogative of the respective legislative bodies, the State Building Commission has required this commitment by the local governments involved before taking action on System movable equipment requests.

L. Historic Preservation

To join in Wisconsin's commitment to the recognition of the state's heritage by following policies adopted by the State Building Commission related to the historic preservation of buildings and other facilities.

Under the provisions of the new state historic preservation law (sections 44.22 and 13.48 Wisconsin Statutes), the System "shall, in its long-range planning and facilities development, consider the effects of proposed actions on historic properties" and "shall during the earliest stages of planning use the administrative procedures established under section 1.11, Wisconsin Environmental Policy Act."

The Building Commission has adopted explicit policies and procedures to govern planning for and the consideration of projects to preserve buildings and other facilities of historic value. These policies, in essence, become the guiding principles for capital development planning decisions initiated by the institutions.

M. Health and Safety Concerns

To assure in its System and university capital development planning processes that proper consideration is given to student and employee health and safety concerns.

In recent years the System has devoted considerable attention to conditions which affect the health and safety of its students and employees. In part, this concern was intensified by the possibility of state implementation of the federal Occupational Safety and Health Act. While the act has not been adopted in Wisconsin for application to public buildings, state building and safety codes are, for the most part, similar to the standards which would be implemented under the act. The universities should assess problems which may be present in existing facilities. Personnel health and safety considerations should also be addressed by the formulation of discrete proposals as part of all requests for new construction, remodeling or renovation.

N. Wisconsin Environmental Policy Act

To assure that the System's capital planning processes incorporate provisions for full assessment of the probable environmental impacts of proposed projects.

Assessment of the environmental effects of capital development planning and actions undertaken by System universities is an obligation which must be fulfilled both as a System goal and in compliance with state and federal environmental policy acts, regardless of whether an environmental impact statement is required. Even in the earliest stages of capital development planning, the universities must explicitly consider the full range of potential environmental impacts.

THE UNIVERSITY OF WISCONSIN SYSTEM

REPORT ON ENERGY MANAGEMENT

I. Summary

The University of Wisconsin System made substantial progress during the 1977-79 biennium in its overall energy management program. This was made possible by the combined efforts of the entire university community, and the commitment of significant staff and financial resources. Reduced UW System energy consumption levels for the biennium resulted in utility expenditures \$4.3 million under estimated budget amounts. This was after the biennial utility budget estimates were revised downward in the annual budget review session of the Legislature, or additional dollar savings would have been forthcoming. Energy consumption in the UW System has been below 1972-73 levels in each year since the energy conservation program was initiated informally in 1973-74. Although exact figures are not available at this time, cumulative savings since 1972-73 total many millions of dollars. The reduction in energy consumption in 1978-79 was 17.4% for central heating and chilling, and 4% in electrical consumption, when compared to the 1972-73 base year. This represents a total reduction in energy consumption of 14.9% for fiscal 1978-79.

If the impact of the Clinical Sciences Center is excluded, the savings -- when compared to 1972-73 consumption levels -- are 21.0% for heating/chilling, 6.4% for electrical consumption, and 18.7% overall. These figures are more indicative of the overall University of Wisconsin System energy management program status.

Several universities had especially outstanding records during 1978-79. UW-Superior consumed 26% less energy when compared to 1972-73 levels. UW-River Falls and UW-Milwaukee both reduced consumption levels by an additional 10% in 1978-79 for a total savings of 21.4% and 15.9% respectively when compared to 1972-73 consumption levels. Other universities have developed energy management programs which show consistent improvement in energy consumption patterns from year to year. Some universities have had difficulty in establishing energy management programs which produce significant "bottom-line" savings in energy consumption. These universities will receive special priority and technical assistance from System Administration during the 1979-81 biennium, and they, in turn, will be asked to give energy management appropriate priority at the campus in order to improve their energy consumption profiles.

The 1979-81 biennium is viewed as a pivotal period for the energy management program. As technical innovations are implemented and construction projects are completed, it will be necessary to guard against relaxation of efforts in other areas of energy management. Otherwise, those energy savings, accomplished via applied technology, could be offset by increases in consumption resulting from decreased awareness and effort by the university community.

EXHIBIT J

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It is also anticipated that the implementation of the Federal Department of Energy (D.O.E.) "Standby Conservation Plan No. 2" will result in additional energy consumption level reduction during the 1979-81 biennium.

Energy consumption savings, up to this point, are mostly attributable to actions by faculty, staff, and students, with the various physical plant staffs deserving special mention because of their contribution. Technical innovations and capital projects will begin to have a more significant impact during the 1979-81 biennium. The impact of the UW-Madison Clinical Sciences Center on energy consumption is of concern and will be closely monitored during the biennium, and is also being established as a distinct energy management center.

Approximately one third, (over thirteen million GSF), of the gross square footage of UW facilities underwent engineering study during the biennium and over \$2.6 million in energy conservation projects are in design and construction with many more potential projects having been identified for implementation. The University of Wisconsin System and the Department of Administration must continue to monitor closely the entire process so that overall progress is not hindered. The small energy conservation project program has been successful with approximately \$399,000 in projects approved for implementation. Installation of the central control systems is progressing satisfactorily, although construction, testing, and fine-tuning will continue at least through the 1979-81 biennium. Necessary extensions of the systems will be part of the normal building program modification process.

Installation of energy consumption meters was completed essentially as scheduled. A staff evaluation of the metering program has indicated the need for precise calibration procedures, the need for a continuing maintenance program, and other initiatives which will improve the overall effectiveness of the metering program. These procedures and other recommended enhancements have been distributed in the System and should be implemented by the fall heating season.

Energy consumption data is being submitted to System Administration on a monthly basis. The initial computer programs for analysis of energy consumption patterns are now undergoing testing and will be available this fall. Additional computer programming will be necessary during the 1979-81 biennium. The entire metering and data systems concept is much more complex than originally conceived because of the tremendous number of mechanical devices and system variables that can impact the system. The metering and data systems will continue to be a major workload item in the 1979-81 biennium.

The University of Wisconsin System is in favorable position in its ability to shift to alternate fuels in reaction to changes in supply and pricing.

A tremendous amount of work remains to be done both in improving upon ongoing efforts and establishing new directions wherever possible. The magnitude and

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complexity of the energy management program, which impacts all members of the university community, all university programs and buildings, and all university organizations, should not be underestimated. The University of Wisconsin System must maintain a long-term commitment to energy management and energy conservation.

The energy management program was a project selected for formal performance assessment during the 1977-79 biennium as part of Biennial Budget Bill, Chapter 29, Laws of 1977. And, the energy management program was again selected for formal assessment during the 1979-81 biennium. This not only confirms the University's commitment to energy management, but assures continuity in the monitoring and evaluation of the program.

II. Energy Consumption Trends

Energy consumption data for the University of Wisconsin System since fiscal year 1972-73 is presented below. The overall 1978-79 consumption level yields an estimated savings of \$2.5 million in energy consumption expenditures below the revised budget level established in the annual budget review session. This is in addition to a \$1.8 million savings in 1977-78 (also from a reduced budget established in the annual review session); or a total savings of \$4.3 million for the biennium. Total University of Wisconsin System energy consumption in BTU's per gross square foot has been reduced from 238 thousand in 1972-73 to 202 thousand in 1978-79, or a total reduction of 14.9%. Those reductions in energy consumption levels have been accomplished, for the most part, by the "people" side of the energy management program; that is, through changes in energy-use patterns that are realized through members of the university community. Energy savings yielded by technical solutions, such as capital building projects and the central control systems, will begin to have more significant impact during the 1979-81 biennium.

A. Central Heating/Chilling Plants

Schedule A shows the University of Wisconsin System has reduced its level of energy consumption per gross square foot for heating and chilling, adjusted for degree days, from 1.95 therms in 1972-73 (the year before the Arab oil embargo and the onset of the "energy crisis"; the University of Wisconsin energy program began informally in 1973-74) to 1.61 therms in 1978-79. This represents a total percentage reduction in heating/chilling consumption of 17.4% comparing 1972-73 and 1978-79 consumption levels, or 21.0% if the Clinical Sciences Center is excluded from the analysis.

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SCHEDULE A

TOTAL CAMPUS CENTRAL HEATING/CHILLING PLANT
ENERGY CONSUMPTION IN THERMS

<u>Fiscal Year</u>	<u>Total Therms</u>	<u>Adj. for Dev. from Degree Day Norm</u>	<u>Total GSF</u>	<u>Adj. Therms/GSF</u>	<u>% Change</u>
1972-73	60,533,290	61,480,085	31,498,261	1.95	-
1975-76	59,605,940	62,337,651	34,022,555	1.83	- 6.2%
1976-77	62,633,650	59,096,865	34,751,251	1.70	-12.8%
1977-78	61,765,810	57,077,811	35,024,785	1.63	-16.4%
1978-79	61,276,250	56,586,127	35,050,925	1.61	-17.4%

Without Clinical Sciences Center:

1978-79	55,921,110	51,640,872	33,638,828	1.54	-21.0%
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Note: In the preparation of this report, all energy consumption data since 1972-73 has been audited and re-computed where discrepancies were noted. This has resulted in some minor adjustments to historical data, but results in a factual data base for this report and future energy management efforts.

B. Electrical Power

Schedule B shows the University of Wisconsin System has reduced its level of electrical consumption per gross square foot from 12.5 KWH/GSF in 1972-73 to 12.0 KWH/GSF in 1978-79. This represents a 4% total reduction in overall electrical consumption since 1972-73 for the University of Wisconsin System, or 6.4% if the Clinical Sciences Center is excluded from the analysis. The increase in electrical consumption during 1978-79 is mostly attributable to the occupation of the Clinical Sciences Center at UW-Madison where campus-wide electrical consumption increased approximately 7.2%. More specifically, monthly electrical consumption, as measured at the Walnut Street Substation and supplied to the Clinical Sciences Center, increased from one million KWH/month in December 1977, to 3.5 million KWH/month in May 1979. A full year's electrical and heating/cooling consumption pattern for the Clinical Sciences Center will be available after fiscal 1979-80. In order to measure the effectiveness of the energy management program the Clinical Sciences Center must be measured as a distinct consumption center.

SCHEDULE B

TOTAL KILOWATT HOUR CONSUMPTION

<u>Fiscal Year</u>	<u>Total Electrical Power in KWH</u>	<u>Total GSF</u>	<u>KWH/GSF</u>	<u>% Change</u>
1972-73	392,972,680	31,498,261	12.5	-
1975-76	397,799,865	34,022,055	11.7	- 6.4%
1976-77	399,983,878	34,751,251	11.5	- 8.0%
1977-78	407,413,164	35,024,785	11.6	- 7.2%
1978-79	420,018,382	35,050,925	12.0	- 4.0%

Without Clinical Sciences Center:

1978-79	392,474,381	33,638,828	11.7	- 6.4%
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C. Energy Consumption by University

Schedule C details energy consumption by university for the years 1975-76 through 1978-79 and compares consumption in those years to the 1972-73 base year. Data is presented for energy consumption in heating/chilling plants, electrical consumption, and total university consumption. Energy consumption trends are identified by the inclusion of percent of change in consumption in each year. The energy consumption data for 1978-79 shows a variance in energy savings between the various universities from a -26% to a -6.4%. It should be recognized that a number of mitigating factors influence the ability of a university to reduce energy consumption. Some of these include increased enrollment, increased building utilization, including residence hall occupancy, increased class hours (especially in non-regular time periods), specific building architecture, condition of steam lines, programmatic requirements, and efficiency of power plants. Therefore, caution should be used so as not to make extreme judgments based on the energy consumption data alone. However, the data does indicate energy consumption trends for each university and provides a measure of the success of their energy management programs.

Appendix I is a brief analysis prepared by each university relating to their experience during 1978-79 in the energy management program.

SCHEDULE C

ENERGY CONSUMPTION BY UNIVERSITY

<u>Fiscal Year</u>	<u>GSF</u>	<u>Heating BTU/GSF</u>	<u>% Change</u>	<u>Electrical BTU/GSF</u>	<u>% Change</u>	<u>Total BTU/GSF</u>	<u>% Change</u>
<u>UW-Eau Claire</u>							
1972-73	1,904,490	204,350		37,694		242,044	
1975-76	2,074,220	187,281	- 8.4%	36,353	- 3.6%	223,634	- 7.6%
1976-77	2,095,233	191,539	- 6.3%	34,740	- 7.8%	226,279	- 6.5%
1977-78	2,105,739	160,907	-21.3%	33,388	-11.4%	194,295	-19.7%
1978-79	2,105,739	159,674	-21.9%	33,134	-12.1%	192,808	-20.3%
<u>UW-Green Bay</u>							
1972-73	715,327	185,345		49,630		234,975	
1975-76	752,862	196,032	+ 5.8%	49,078	- 1.1%	245,110	+ 4.3%
1976-77	817,279	177,850	- 4.0%	47,349	- 4.6%	225,199	- 4.2%
1977-78	843,342	174,118	- 6.1%	45,008	- 9.3%	219,126	- 6.7%
1978-79	843,342	166,148	-10.4%	43,445	-12.5%	209,593	-10.8%

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SCHEDULE C (cont.)

<u>Fiscal Year</u>	<u>GSF</u>	<u>Heating BTU/GSF</u>	<u>% Change</u>	<u>Electrical BTU/GSF</u>	<u>% Change</u>	<u>Total BTU/GSF</u>	<u>% Change</u>
<u>UW-La Crosse</u>							
1972-73	1,587,033	159,658		29,203		188,861	
1975-76	1,842,752	154,304	- 3.4%	30,375	+ 4.0%	184,679	- 2.2%
1976-77	1,842,752	151,923	- 4.8%	31,376	+ 7.4%	183,299	- 2.9%
1977-78	1,842,752	148,711	- 6.9%	30,536	+ 4.6%	179,247	- 5.1%
1978-79	1,842,752	143,253	-10.3%	29,366	+ .6%	172,618	- 8.6%
<u>UW-Madison - Charter Street</u>							
1972-73	11,444,560	224,639		55,498		280,137	
1975-76	11,675,584	203,273	- 9.5%	52,609	- 5.2%	255,882	- 8.7%
1976-77	11,675,584	224,860	+ 0.1%	52,547	- 5.3%	277,407	- 1.0%
1977-78	11,679,444	221,055	- 1.6%	54,340	- 2.1%	275,395	- 1.7%
1978-79	11,699,086	208,223	- 7.3%	53,992	- 2.7%	262,215	- 6.4%
<u>UW-Madison - Clinical Sciences Center</u>							
1972-73	Note: Base consumption for a full year has not been established.						
1975-76	1,016,093	87,079		3,185		90,264	
1976-77	1,354,790	105,445		11,103		116,548	
1977-78	1,412,097	207,452		29,368		236,820	
1978-79	1,412,097	379,233		66,573		445,806	
<u>Total UW-Madison</u>							
1978-79	13,111,183	226,641	+ .9%	55,347	- .3%	281,988	+ .7%
<u>UW-Milwaukee</u>							
1972-73	3,233,269	194,728		45,554		240,282	
1975-76	3,614,788	203,165	+ 4.3%	47,742	+ 4.8%	250,907	+ 4.4%
1976-77	3,739,857	199,643	+ 2.5%	45,055	- 1.1%	244,698	+ 1.8%
1977-78	3,739,857	182,623	- 6.2%	44,478	- 2.4%	227,101	- 5.5%
1978-79	3,739,857	156,463	-19.7%	45,614	+ .1%	202,077	-15.9%
<u>UW-Oshkosh</u>							
1972-73	2,594,595	140,946		34,551		175,497	
1975-76	2,594,595	127,608	- 9.5%	28,762	-16.8%	156,370	-10.9%
1976-77	2,594,595	125,387	-11.0%	28,796	-16.7%	154,183	-12.1%
1977-78	2,634,873	113,758	-19.3%	27,301	-21.0%	141,059	-19.6%
1978-79	2,634,873	114,306	-18.9%	27,696	-19.8%	142,002	-19.1%

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SCHEDULE C (cont.)

<u>Fiscal Year</u>	<u>GSF</u>	<u>Heating BTU/GSF</u>	<u>% Change</u>	<u>Electrical BTU/GSF</u>	<u>% Change</u>	<u>Total BTU/GSF</u>	<u>% Change</u>
<u>UW-Parkside</u>							
1972-73	789,343	172,024		71,480		243,504	
1975-76	809,230	188,209	+ 9.4%	67,820	- 5.1%	256,029	+ 5.1%
1976-77	882,791	178,542	+ 3.8%	61,082	-14.5%	239,624	- 1.6%
1977-78	888,869	156,139	- 9.2%	54,912	-23.2%	211,051	-13.3%
1978-79	888,869	165,516	- 3.8%	56,682	-20.7%	222,198	- 8.7%
<u>UW-Platteville</u>							
1972-73	1,501,657	139,275		25,193		164,468	
1975-76	1,506,360	116,493	-16.4%	20,991	-16.7%	137,484	-16.4%
1976-77	1,573,634	114,611	-17.7%	20,382	-19.1%	134,993	-17.9%
1977-78	1,573,634	123,088	-11.6%	22,011	-12.6%	145,099	-11.8%
1978-79	1,573,634	115,336	-17.2%	22,604	-10.3%	137,940	-16.1%
<u>UW-River Falls</u>							
1972-73	1,219,625	191,869		23,560		215,429	
1975-76	1,297,468	168,775	-12.0%	27,241	+15.6%	196,016	- 9.0%
1976-77	1,336,133	153,040	-20.2%	25,006	+ 6.1%	178,046	-17.4%
1977-78	1,367,219	166,098	-13.4%	24,618	+ 4.5%	190,716	-11.5%
1978-79	1,367,219	146,166	-23.8%	23,257	- 1.3%	169,423	-21.4%
<u>UW-Stevens Point</u>							
1972-73	1,976,988	173,991		26,773		200,764	
1975-76	2,166,937	142,046	-18.4%	27,885	+ 4.2%	169,931	-15.4%
1976-77	2,166,937	142,896	-17.9%	28,094	+ 4.9%	170,990	-14.8%
1977-78	2,166,937	132,222	-24.0%	26,479	- 1.1%	158,701	-21.0%
1978-79	2,172,435	133,708	-23.2%	27,019	+ 1.0%	160,727	-19.9%
<u>UW-Stout</u>							
1972-73	1,389,030	147,379		26,781		174,160	
1975-76	1,504,968	139,463	- 5.4%	30,152	+12.6%	169,615	- 2.6%
1976-77	1,504,968	139,026	- 5.7%	30,061	+12.2%	169,087	- 2.9%
1977-78	1,504,968	124,644	-15.4%	27,977	+ 4.5%	152,621	-12.4%
1978-79	1,504,968	124,845	-15.3%	27,388	+ 2.3%	152,233	-12.6%
<u>UW-Superior</u>							
1972-73	996,354	211,423		31,345		242,768	
1975-76	1,020,708	182,671	-13.6%	26,565	-15.2%	209,236	-13.8%
1976-77	1,020,708	170,987	-19.1%	26,124	-16.7%	197,111	-18.8%
1977-78	1,120,064	156,707	-25.9%	22,867	-27.0%	179,574	-26.0%
1978-79	1,120,064	157,505	-25.5%	22,174	-29.3%	179,679	-26.0%

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SCHEDULE C (cont.)

<u>Fiscal Year</u>	<u>GSF</u>	<u>Heating BTU/GSF</u>	<u>% Change</u>	<u>Electrical BTU/GSF</u>	<u>% Change</u>	<u>Total BTU/GSF</u>	<u>% Change</u>
<u>UW-Whitewater</u>							
1972-73	2,145,990	174,139		33,157		207,296	
1975-76	2,145,990	168,683	- 3.1%	32,581	- 1.7%	201,264	- 2.9%
1976-77	2,145,990	168,077	- 3.5%	33,171	0	201,248	- 2.9%
1977-78	2,145,990	163,196	- 6.3%	32,391	- 2.3%	195,587	- 5.6%
1978-79	2,145,990	161,325	- 7.4%	31,730	- 4.3%	193,055	- 6.9%

III. Energy Management Program Activities

A. Building Audit Program

The building audit program involves a comprehensive review of university buildings by professional engineers in order to identify energy conservation projects. After the building audit, a report is developed which delineates energy conservation projects with an estimated payback period of five years or less, between five and ten years, and more than ten years. (During the 1977-79 biennium, State Building Commission policy authorized funding for energy conservation projects with estimated payback periods of five years or less, while the 1979-81 State Budget Legislation permits funding of projects with a payback period of up to ten years.) The recommended energy conservation projects are reviewed at several levels within the University of Wisconsin System and the Department of Administration's Bureau of Facilities Management, and then proceed through the normal State Building Commission process. With over fifteen hundred buildings, encompassing nearly forty million gross square feet, this is a major programmatic undertaking for the University of Wisconsin System.

The building audit program has made significant progress during the biennium. A total of 13.5 million gross square feet (GSF) was reviewed, including 10 million GSF in program revenue facilities, and 3.5 million GSF in general purpose revenue facilities. Thus, over one-third of the total UW space underwent engineering study to identify energy conservation projects during the biennium. Energy conservation projects under design or construction, as a result of the building audits, include nearly 8 million GSF of university space. State Building Commission energy conservation funds released to support these projects include \$1.5 million for projects under construction, and \$1.1 million for projects in detailed design. In addition, \$2.6 million in energy conservation projects have been recommended for implementation in program revenue facilities.

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Substantial opportunities for saving energy have been identified via the building audit. An outstanding example involves the Weeks Hall/Geology-Geophysics building at the University of Wisconsin - Madison. The building audit resulted in energy conservation project recommendations costing \$503,000. Through this investment, it is estimated that annual operating costs for energy will be reduced from \$248,000 to \$96,000 per year. Construction of the first major energy conservation project in the University of Wisconsin System will be completed this fall. The project involves retrofitting of heating, cooling, ventilation and electrical systems in the Fine Arts Center, McIntyre Library, and the Phillips Science Hall complex at UW-Eau Claire. The total project cost is \$819,600, and it is estimated that energy consumption will be reduced by 45.4 billion BTU's per year. The cost for energy should be reduced by an estimated \$178,000 per year as a result of this project.

Engineering positions for building audits and energy conservation project development which were authorized in the 1977-79 budget and the 1978 annual budget have been allocated to the Division of Architecture, Engineering, Physical Plant and Energy Management in System Administration, UW-Madison, UW-Milwaukee and the West Central Wisconsin Consortium. Staffing was completed in 1978-79 except for one vacancy. Training of engineers in energy management is a continuing effort. A high level of productivity is anticipated during the 1979-81 biennium.

Several concerns have developed in relation to the building audit program during the biennium. The first involves the lengthy process involved from the time of the actual building audit, through the several reviews and approvals, followed by detailed project design and, finally, project construction. This entire process may take several years to complete. While much of the time utilized is inherent in the budgeting, approval and construction processes, the University of Wisconsin System must streamline the processes involved as much as possible in order to expedite the projects and achieve the actual energy savings. Secondly, there is the need to closely monitor all energy conservation projects through completion of construction without detracting from progress in the building audit program. Finally, there is the problem of overall workload which has a "snowball" effect as additional facilities are audited and a large number of energy conservation projects are in various stages of development and implementation. The workload not only impacts the UW System engineering staff, but also the Bureau of Facilities Management and private sector engineering consultants who are competent in energy conservation project design. The UW System and the Department of Administration must continue to monitor the workload situation so that progress in the energy conservation program is not impaired.

B. Small Energy Conservation Projects

In addition to energy conservation project development, via the building audit program, the UW System has established a mechanism for identification

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of small energy conservation projects (under \$15,000) on a continuing basis by staff at each university. This effort was made possible by a State Building Commission action which releases funds to the University of Wisconsin System in \$200,000 increments and delegates authority to approve small energy conservation projects. This program has proven successful, with approximately \$399,000 in small energy conservation projects approved, and the State Building Commission releasing a total of \$600,000 for the biennium. This program has supported a wide variety of projects including more energy efficient lighting, insulation, temperature controls, exhaust fan controls, weatherstripping, heat recovery from elevators, night setback thermostats and others. The most outstanding project was at UW-Milwaukee where interconnects were made to allow low temperature Lake Michigan water to be used directly for cooling coils, for an investment of \$12,850. The estimated project savings is \$76,393!

The number of small energy conservation projects and investments by university is as follows:

Eau Claire	- 5 projects	- \$30,121	Platteville	- 1 project	- \$ 3,800
Green Bay	- 10 projects	- \$63,542	River Falls	- 6 projects	- \$22,861
La Crosse	- 5 projects	- \$35,234	Stevens Point	- 4 projects	- \$ 8,758
Madison	- 8 projects	- \$48,108	Stout	- 10 projects	- \$42,729
Milwaukee	- 3 projects	- \$32,050	Superior	- 7 projects	- \$56,842
Oshkosh	- 6 projects	- \$29,342	Whitewater	- 5 projects	- \$17,492
Parkside	- 1 project	- \$ 2,506	Center System	- 3 projects	- \$ 6,685

C. Central Mechanical and Electrical Monitoring Systems

Another major thrust of the energy management program involves the installation of central mechanical and electrical monitoring systems at each university. The central control systems will allow economizing of the heating, ventilation, and air conditioning cycles in campus buildings. With the present operation, fans, blowers, and motors are turned on with manual switches or electric timers. If the environment of a building or groups of buildings is to be adjusted to reflect periods of low-use or changes in the weather, etc., maintenance personnel must go to each building and reset the individual controls. The computerized central control systems will make these changes automatically, based on a series of pre-programmed parameters. In summary, the control systems will improve the efficiency of building operations substantially without requiring the manual intervention of physical plant staff.

The State Building Commission has funded these systems with a budget of approximately \$3,150,000. The status of the projects varies from university to university. At UW-Platteville and UW-Milwaukee, the systems have been installed and have been undergoing system test and debugging, and fine-tuning of the system will continue during the next year. The central control system at UW-Madison is being designed and constructed in three phases. A

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pilot system was first installed serving a limited number of buildings and functions, and additional functions and buildings will be added in each of the remaining phases. Systems at UW-Green Bay and UW-Parkside are under construction. Bids have been let for systems at UW-Superior, UW-River Falls, and UW-Stout. Systems for the remaining universities are in final design. Installation of these systems should be completed during the 1979-81 biennium. Construction will be followed by systems-test, debugging and a period of fine-tuning. With installation of these systems, the basic hardware and remote loops to each building will be in place at each university. Expansion of these systems, as necessary, will be accomplished via the normal building modifications program process.

D. Energy Consumption Metering and Data System

The primary goal of the metering program is to provide energy consumption information by building for overall support of the energy management program activities including: providing a base of information for use in building management, scheduling and use; providing data to identify energy consumption trends by building, high energy use/inefficient facilities, and comparison of similar buildings; and measuring the impact of energy conservation projects on energy consumption after project completion (payback estimates from the building audit program vs. consumption experience). Installation of electrical meters and running time meters to measure steam consumption in each building has been completed essentially as scheduled. The status of the metering program has been under continued study by the System's Division of Architecture and Engineering staff. This effort has identified additional actions which will be taken to improve the reliability of the running time meters. Among these will be detailed procedures for calibration/recalibration of the meters, and a continuing maintenance program since the metering system depends upon a number of mechanical devices such as pumps, check valves, floats, etc., that need to be monitored periodically.

Implementation of a data collection system for electric and steam consumption from the metering program was initiated in fiscal year 1978-79. Universities involved in the metering program now submit energy consumption data to the Office of Analysis Services and Information Systems on a monthly basis. Computer programs to edit and provide periodic reports are now in the testing stage, and should be completed in September 1979. Preliminary analysis has indicated that degree days for each university and cubic feet for each building may be additional data elements which should be added to the data base to improve analytical capabilities. In summary, the data base is in the process of implementation with the data now being collected systematically; computerized reports will be available soon. Work is continuing on improving the reliability of energy consumption data through calibration and maintenance procedures. While the basic metering system is in place, considerable work remains to be done to refine and improve the system. For example, there are major engineering analyses of steam distribution

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systems which need to be completed and production equipment at the power plants needs to be calibrated and brought up to standard. The heating/chilling system and the mechanical systems in the many buildings are extremely complex and will be large workload items in the 1979-81 biennium.

E. Use of Alternate Fuels in Central Heating/Chilling Plants

The University of Wisconsin System is in favorable position to use alternate types of fuels and, therefore, in its ability to react to changes in short-term fuel supplies and pricing. Fuel capability for gas, coal and oil exists at UW-Eau Claire, UW-La Crosse, UW-Madison Charter Street Plant, UW-Stout, UW-Oshkosh, UW-River Falls, UW-Stevens Point and UW-Whitewater.

The situation in other power plants is as follows: UW-Green Bay, UW-Madison Walnut Street Plant, UW-Milwaukee and UW-Parkside have the capability of burning gas and oil. The addition of coal-burning capability at these power plants would involve major redesign of the entire power plant complexes and may have an impact on clean air standards. UW-Superior lacks oil-burning capability but has a virtually unlimited coal supply because of its Twin Ports location. A major project for UW-Platteville to add oil-burning capability was approved in the 1978 Annual Budget Review session. Other energy conservation projects, resulting from studies of UW System power plants, are included in funding requests for the 1979-81 biennium. The minor project to provide economizers in the UW-Madison Walnut Street Plant is typical of projects being developed from the heating plant studies.

APPENDIX I

INDIVIDUAL UNIVERSITY ENERGY

USE ANALYSES

1978-79

University of Wisconsin - Eau Claire

The University of Wisconsin - Eau Claire is pleased that both heating/chilling and electrical consumption was down slightly in 1978-79 compared to last year, and that the cumulative effect of the university's energy conservation program is indicated by the substantial decrease in overall energy consumption of 20.3% when compared to the base 1972-73 year. These savings were possible even with an increase in degree days for the Eau Claire area of 4.6% from 1977-78 to 1978-79. The university's enrollment continued to increase as did residence hall occupancy. There has also been an increase in the offering of evening classes and extended use of facilities because of significant shortages in instructional space.

The major retrofitting project for Phillips Science Hall, McIntyre Library and the Fine Arts Center is progressing in construction and should begin to have an impact on energy consumption during the 1979-80 fiscal year.

University of Wisconsin - Green Bay

Energy conservation projects completed during the 1978-79 school year included disconnecting 3,750 ballasts from bulbs removed in previous years; changing 162 road and parking lot fixtures and 191 walkway lighting fixtures from mercury vapor to high pressure sodium; installing timers on domestic hot water pumps; installing timers on 48 hot water distribution pumps; and installing 58 steam line expansion joints and 25 steam valve jackets.

Energy conservation in the 1979-80 school year include installation of auxiliary air conditioning units in special areas requiring constant 24-hour temperatures that will allow eliminating need for large central chiller to operate; changing air ducts in Computer Center so outside air can be used in winter rather than operating an air conditioner; reuse of heat from exhausted air in kiln areas of studio arts; replacing two 150 H.P. air compressors with 30 H.P. in central power plant; replacing 1-speed with 2-speed air handling motors in gymnasium and theatre areas; and installing additional insulation on 2.2 miles of high pressure steam and condensate return lines.

An additional change that should provide major savings will be the utilization of a computerized monitoring and control system. This system is scheduled to be operational in September 1979 and will control and monitor heating, chilling, and electrical systems in 12 major campus buildings.

A major change to reduce air conditioning needs is the installation of openable windows in the major buildings so natural ventilation, rather than the central air conditioning system, could be utilized during early fall periods of time.

University of Wisconsin - La Crosse

The University of Wisconsin - La Crosse worked closely with the West Central Wisconsin Consortium mechanical engineer and developed programs for upgrading temperature control systems in three buildings which were funded by Central Administration as Small Energy Conservation Projects. These projects included discharge temperature reset, mixed air reset, and night-fan cycling as well as an operational change in several of the water chillers.

University of Wisconsin - La Crosse (cont.)

Much effort has been made in the area of reducing fan operating time and lighting on-time. Other projects include the reduction of exhaust through lab hoods and the installation of reduced nighttime temperatures. In addition to the outside projects mentioned above, a concerted effort by the maintenance department to watch for and correct situations leading to excessive consumption has been a major factor in the amount of energy saved.

University of Wisconsin - Madison

Fossil fuel consumption was reduced by 7.3% when compared to 1972-73 or 5.7% compared to 1978-79 (excluding the Clinical Sciences Center). The heating degree days were essentially unchanged, while cooling degree days increased by 7%. Therefore, an increase in usage would have been expected rather than 7.3% decrease actually experienced.

Electrical consumption decreased 2.7% (excluding the Clinical Sciences Center), compared to 1972-73. Prior to 1972-73 (base year), electrical consumption was increasing 3%/year. Because of operational and occupants' efforts, this growth was reduced to 0.6% per year over the past four years. This year's 2.7% decrease is indicative of continuing energy conservation efforts.

State administrative policies have helped to influence this matter; for example, May is "normally" an A/C month. State policy required that A/C not be started until June 1. Fossil fuel usage in May 1979 was 32% lower than May 1978.

Two large energy conservation projects (Weeks Hall and Walnut Street Economizers) have been initiated and are expected to be operational by late 1980. A major energy conservation project for the Peterson Building is in design. Substantial dollars have not yet been spent for retrofitting. Therefore, credit for reductions and containment of energy usage must rest primarily with students, faculty and maintenance staff.

Data gathered thus far on the Clinical Sciences Center covers the period the building was under construction and various stages of move-ins. The hospital moved on March 31, 1979. Therefore, the building was fully occupied for only 25% of the year. Next year's statistics will be for a full 12 months, which then can be used as base information for further comparisons.

University of Wisconsin - Milwaukee

The comparison of energy consumption in 1978-79 versus previous years indicates that the University of Wisconsin - Milwaukee energy management program is resulting in significant energy savings. We are especially pleased and proud of the 19.7% reduction in heating BTUs/GSF. This accomplishment is the fruition of our energy management program coupled with the activation of the JC/80 system and the utilization of Lake Michigan water for the air conditioning of buildings during the cooling season. The concept of using Lake Michigan water in lieu of generating chilled water for air conditioning of buildings on the campus resulted in a net savings of \$157,688 or a percentage of 1210.7%. This concept was one of thirty selected nationally by the NACUBO/U.S. Steel Foundation Cost Reduction Incentive Awards Program. This concept is included in a booklet published and distributed nationally by NACUBO.

University of Wisconsin - Milwaukee (cont.)

Because of the construction operations necessitated by the installation of the JC/80 system, we were unable to continue our previous trend in the decrease of electrical BTUs/GSF usage. As various systems, controls, and appurtenances relating to the JC/80 system were installed and activated, heating, ventilating, etc., systems ran twenty-four hours a day, seven days a week. The JC/80 system, augmented with a load shedding module, is now in operation. We note the following decrease in use of energy and reduction of cost in the utilization of the programmable load shedding program:

<u>Month</u>	<u>Maximum Demand 1978</u>	<u>Maximum Demand 1979</u>	<u>Percent Decrease</u>	<u>Estimated & Savings *</u>
April	7902 KW	7542 KW	4.6%	\$ 971
May	7947 KW	7397 KW	6.9%	\$ 1,484
June	8084 KW	7450 KW	7.8%	\$ 2,360
			Total:	\$ 4,815

* Based on most current rates.

At the close of the last electrical service billing period, we purposely "dragged our feet" for about a day by denying adequate cooling on campus so that our demand plateau would be based on a lower peak. The manipulating, control and data production capabilities of the JC/80 provided us with this capability. Without the system, this process would not be feasible nor possible.

For the future, we have set the following goals:

- 1) Now that our burners and boilers (3) have been renovated and tuned to operate at optimum efficiency, we will continue to press for the implementation of a project which will make our steam distribution/valve/pressure reducing station system compatible with the benefits of operating our boilers at optimum pressure. This paradox is germane both during the heating and cooling modes.
- 2) We will continue in our thrust for the installation of a small boiler which would obviate the use of the oversized boilers during the summer months.
- 3) Although we are encountering a great deal of resistance from Local 82 WSEU, we will continue with our plans to eliminate the third shift custodial operations. The implementation of this would obviate the need to heat, ventilate and air condition many buildings throughout the campus between the hours of about 10:00 p.m. to 7:00 a.m. As of this date, the Union has indicated that it does not wish to cooperate in this element of energy management programming.

Contracts have been let for the installation of economizers at the heating plant.

Based on our anticipation of approvals for proposed project implementations, the initiation of approved projects and the ability to utilize all functions of the JC/80, we expect continued dividends and positive results to our energy management programs.

University of Wisconsin - Oshkosh

Based on institutional records, UW-Oshkosh reduced its overall energy consumption by approximately 20% during the period 1972-73 to 1977-78. This reduction assumes greater significance when one considers it was accomplished despite the fact that the 1972-73 energy consumption was already at a relatively low 175,497 BTU/GSF. The reduction was accomplished primarily through quick-fix changes in thermostat temperature settings, a reduction in light levels campus-wide, and exceptionally close monitoring of the operation of building equipment. The above short review of past conservation efforts is included in order to insure that the slight increase in energy consumption during 1978-79 (.5%) is seen in perspective.

The .5% increase in energy consumption for UW-Oshkosh as shown on the comparison chart can be attributed to a number of factors. These factors include variations in local weather conditions, higher utilization of certain buildings for special programs, additions in parking lot and tennis court lighting which came on-line during the past year, and a full-year of occupancy in the new maintenance building and the lack of a centralized energy control and monitoring system which would permit us much greater flexibility in meeting a variety of situations. The centralized control system is essential if further significant reduction in energy consumption is to be made, especially in view of the expected increases in enrollment of part-time students and the corresponding increases in nighttime and weekend classes.

University of Wisconsin - Parkside

The basic problem faced by this campus is that it was constructed in the last ten-year period when the building architecture and utility systems were constructed to be serviced by energy provided on a "sum sufficient" basis. Our beautiful architecture was to blend with the surrounding environment, requiring extensive glassed-in areas giving the impression of openness, despite the fact that the only access for fresh air - warmed in the winter and cooled in the summer - was from the energy hungry HVAC systems serving the completely enclosed facility.

During this period of construction, the focus of the cost cutters was placed upon construction costs and not upon the impact of inadequate insulation, single-pane windows, non-differentiated HVAC monitoring and control systems upon the continuing costs of operation. We are proud and deeply appreciative of the national reputation this campus has for the beauty of its facilities. But this definitely has its costs which we are and will continue to strive to manage and control.

A troublesome steam leak that accounted for 7% of the 1978-79 fossil fuel consumption was finally located and repaired this June. This will offset the 5.4% increase in consumption reported and balance the 1.5% decrease in heating degree days. Since cooling days were essentially the same in 1978 and 1977, the electrical BTU's were also essentially the same.

Two large roof insulation projects and a JC/80 energy monitoring and control system will be ready this fall with attendant energy savings this winter. A complete shut down of all reheat coils this summer has already resulted in significant steam and electrical energy reduction.

University of Wisconsin - Parkside (cont.)

A comprehensive energy reduction program, presently being prepared in project form by Donohue and Associates, is expected to be ready for late fall approval by the Building Commission. It is anticipated that all major campus buildings will be included, and that construction is targeted for completion prior to the 1980-81 heating season.

University of Wisconsin - Platteville

The University of Wisconsin - Platteville has been engaged in an ongoing energy conservation program since 1973. We have cut back and done most "quick-fix" items. We have installed a Johnson JC/80 central computerized control unit which will enable us to conserve additional energy. During the year shown, the JC/80 was operational; however, the complete program was not usable. The program has been updated and will be operational this fiscal year which should help to conserve additional energy in the future.

The following additional improvements have been made or are approved for implementation:

Insulation improvement of soffits in Karrmann Library overhang;

Temperature control systems in Student Center and Glenview Commons were rebuilt and recalibrated;

The Student Center, Glenview Commons and dormitories will be added more fully to the JC/80 system as well as improving the temperature control system in the dormitories;

The upper windows in the Main Building auditorium are covered with insulation;

Warner Hall and Heating Plant roof repairs included adding of additional insulation.

The slight increase in electrical usage is being carefully reviewed. The replacement of electric heaters in the soffits of Boebel Hall is being considered. Increased effort will be made to gain support of faculty and staff in turning off lights and taking other actions to conserve electricity.

University of Wisconsin - River Falls

The University of Wisconsin - River Falls Physical Plant and Campus Energy Committee initiated and attained seven (7) major accomplishments, thereby reducing our energy consumption levels during 1978-79 versus 1977-78. The WCWC Energy Engineer worked closely with these two committees to promote project implementation and completion.

1. The Campus Energy Committee requested that summer office hours be changed to 7:00 a.m. to 3:30 p.m. versus 7:45 to 4:30 p.m. The Governor's office approved our request, and, in general, campus activity ceased at approximately 3:30 p.m. This enabled the Physical Plant to begin closing down chillers and air handling units at approximately 2:30 p.m.
2. The Physical Plant received approval to hire an LTE electrician for the entire year. This person performed the greater share of the labor for the preceding projects.

University of Wisconsin - River Falls (cont.)

3. Davee Library: Install relays and necessary wiring to shut off roof exhausters on unoccupied cycle; install handset internal timers and necessary wiring to stack area to shut off lights after 15-minute time interval; install relays, timer, and wiring to cycle absorption chiller on the following: outside temperature, chilled water temperature differential, and time clock.
4. Centennial Science (Formerly Physical Science Building): Removal of lamps and fixtures and rewiring necessary to lower foot-candle level from 175 fc to 70 fc in the entire building.
5. Fine Arts Building: Replace 52 incandescent fixtures with fluorescent fixtures in the Costume and Stage areas; rewire incandescent fixtures with fluorescent fixtures in the Recital Hall; install a handset internal timer on two (2) hoods exhausting 6,000 cfm in the Textiles and Jewelry areas.
6. Agriculture Science Building: Install start-stop stations on ten (10) exhaust hoods to provide manual control at the hood for a total of 13,500 cfm; install pneumatic controller and piping to allow for operation of an economizer cycle; install a 15 HP TEFC motor on a return air fan to allow sufficient torque for automatic start-up so that the fan could operate on the building time clock. Since the building was built in 1964, it had run continuously.
7. Maintenance/Stores Building: Install low voltage switching on the Stores area lighting to allow the lights to be shut off when not in use.

In conclusion, UW-River Falls was able to decrease our energy consumption by 9.9% as a direct result of the above major projects. Several other more minor projects also contributed to our decrease as did our newly emphasized daily preventative maintenance programs.

University of Wisconsin - Stevens Point

At UW-Stevens Point, the energy savings to date have been accomplished largely through use of time clocks, ventilation reduction, lighting reduction and temperature manipulation on thermostats, air conditioning systems and reheat systems. We are also coordinating schedules and activities in an effort to further reduce energy consumption. Our total energy consumption per square foot has been reduced about 25% over 1971-72 levels. (This year is used since this is when this campus began its energy conservation programs.)

Our energy use has increased slightly this year due to a 10% colder winter than average. This required that our building ventilation and heating systems be used more than normal.

Without additional manpower and timely completion of the centralized control system and energy conservation programs, we will be unable to substantially reduce energy consumption further without detrimental effect on our academic programs.

University of Wisconsin - Stout

Energy consumption records show a slight decrease in heating BTU's/GSF for FY 78-79 over that needed in FY 77-78. The increase amounts to 0.1%.

The electrical BTU's/GSF decreased 2.2% in FY 78-79 from the amount used in FY 77-78.

The slight heating BTU decrease was partially due to 4.2% more degree days during FY 78-79 than during FY 77-78. Two other factors that contributed were increases in student population (6.8%) and student contact hours (10%) during FY 78-79. We are of the opinion that, had conditions been equal for the two fiscal periods, a further reduction in heating BTU's would have been realized in FY 78-79.

It is interesting to note that UW-Stout was third lowest in the four year UW System schools for heating BTU's/GSF consumption during FY 78-79. The two lower ranked schools, Oshkosh and Platteville, are both located at a lesser latitude than Stout. Although we feel at UW-Stout that further BTU reductions are possible, our standing in the entire UW System speaks well for our current energy conservation efforts.

The decrease in electrical BTU consumption was aided by the completion of our campus-wide economy tube relamping project. This was completed in February 1979. Another contributing factor was the concerted effort put forth to keep lighting and electrical powered equipment shut off when not in use.

University of Wisconsin - Superior

The University has now entered the second phase of its comprehensive Energy Conservation Program: retrofitting building electrical and mechanical systems for greater energy efficiency. These conversions involve all aspects of existing heating, ventilating, and lighting systems and are designed to ensure an energy cost-savings payback period of less than five years. Implementation of the technically straightforward retrofitting of lighting systems resulted in a sizeable reduction in electrical consumption for 1978-79. These modifications centered primarily on the conversion to higher efficiency lighting forms such as high pressure sodium and metal halide lamps.

Although design of several heating system modifications was actively pursued in 1978, only a few of the changes were completed in 1978-79. However, the impact of the system modifications which were completed was sufficient to help the university maintain only a modest increase in heating BTUs/GSF in the face of a much colder winter (a 6.5% increase in degree days over 1977-78).

In 1979-80, the University will continue the design and conversion of both heating and electrical systems. It will also begin installation of a centralized, computer-based, building HVAC control system. These combined retrofit and system conversion actions should ensure attainment of the university's energy reduction goals.

University of Wisconsin - Whitewater

Energy savings projects have included: unnecessary lighting (40%) in Upham Hall and in the administrative wing of the library building have been disconnected; leaking steam valves have been repaired; a project was initiated in the 1977-78 fiscal year to improve the efficiency of the Central Heating Plant and the air conditioning systems; new coal-handling equipment installed in the summer of 1978 worked effectively in the 1978-79 heating season; water storage units and large heaters in McCutchan, Baker and Salisbury Halls (designed for heavy dormitory use for showers, etc.) have been replaced by 100 gallon electric hot water heaters since the current use of these buildings is for offices; plastic roofing, which reflects heat and reduces air conditioning requirements, has been used for roof replacement for Moraine Hall; an energy evaluation for Upham Hall and the Maintenance/Stores buildings has been completed; space heaters and window air conditioning units are no longer being purchased and existing equipment is not being replaced; and, night lighting for some parking lots is being turned off during the periods when the university is not in session.

Auxiliary energy conservation activities have included: all people programs and poster campaigns have continued on an expanded basis; inter-hall energy conservation contests were conducted; an Energy Conservation Day was held - during the day all meals served were cold foods; the Knilans, Wellers and Wells Halls' thermostatic controls were installed as recommended by the energy audit; all windows were replaced in Fischer Hall as part of a continuing program; three residence halls received an application of Armour Coat reflective roof sealer; paneling has been ordered for installation on the inside walls of each corner in residence halls; and a "Mr. and Mrs. Kilowatt" contest was held to promote awareness of electricity usage.

The university center energy task force continued/implemented the following programs: revisions in the dish room operations were continued to reduce, by approximately one hour, the dishwasher operation; the policy of not scheduling evening activities in dining halls unless the University Center is fully utilized is continuing; dining facility needs have been scheduled and coordinated to maximize complete shutdown of facilities for longer periods of time; loading dock modifications and electric door closures have been completed; the Esker Hall exhaust hood modification was completed; center door mullions and weather-stripping repairs were made in the University Center; water flushes for urinals in the University Center have been reduced to minimum levels; all outside walls in the University Center and Drumlin Hall were insulated to prevent heat loss; and, the University Center roof repair was completed and the Esker Dining Hall roof was sealed with an application of Armour Coat reflective sealer.

All of the buildings on the University of Wisconsin - Whitewater campus are being effectively used, and there are no unusual circumstances outside of the energy-saving program that should have impacted upon the amount of energy (BTU's) used in the 1978-79 year. It is appropriate to make comparisons between the three years reported without noting any unusual circumstances.

Previous reports from UW-Whitewater were based on a base gross square footage of 2,234,662, while the University System reportedly used 2,145,990 gross square feet. The University of Wisconsin - Whitewater's reports in the future will be based upon 2,145,990 as used by the Central System.

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM
REPORT OF REGENT COMMITTEE ON DELEGATION OF AUTHORITY RELATED TO TENURE DECISIONS

To Board of Regents, University of Wisconsin System:

At the regular meeting of the Board on July 13, 1979, the following Resolution was voted:

That the President of the Board of Regents of the University of Wisconsin System appoint a Committee of the Regents to examine System rules, and campus procedures and policies implementing these rules, as these relate specifically to the question of the Chancellor's delegation of authority for administrative denial of recommendations for tenure, and to report to the Board as to their compliance with one another and State law.

In accord with this Resolution, the Board President appointed Regents Nancy Barkla, Arthur DeBardeleben, Marilyn Fitzgerald and Raymond Majerus as members and Thomas P. Fox as Chairman of the Committee.

Chancellors and Faculty leaders of the System institutions were invited to submit written statements to the Committee relative to the legality of a chancellor's delegation of administrative authority to deny a recommendation for tenure. Thereafter, upon proper notice a public hearing was held at Madison on August 20, 1979, in Room 1820 Van Hise Hall at 9:30 a.m. In attendance were Regents Barkla, DeBardeleben and Fox. The Committee also met on September 6, 1979, in Van Hise Hall, and all members of the Committee were present. The Committee heard the testimony and oral comments of Attorney John Williamson who was present; Mr. Williamson's client, Mr. Marvin Happel was also present.

After hearing oral presentations from interested persons (Exhibit A lists persons submitting statements or presenting oral testimony) and after deliberation the Committee makes the following report:

The Committee examined the "question of the Chancellor's delegation of authority for administrative denial of recommendations for tenure" and the policies and procedures promulgated by several system institutions, including Green Bay, Parkside, Milwaukee, and Madison, and approved by the Board, to determine whether express requirements of the administrative code adopted by the Board or of statute have been contravened. As will be evident in this report, the Committee has concluded that the controlling issue is not one of delegation of a chancellor's responsibility or authority.

Moreover, the Committee understood that its charge was not resolution of any particular controversy, but was to study the general question of compliance of institutional policies and procedures with the administrative code and statute. Specifically, the issues the Committee addressed concerned whether statute and administrative code require personal action by a chancellor in each instance of a decision not to promote a probationary faculty member to tenure, and whether, where a final decision as contemplated by the tenure promotion system of an institution, is not to promote an individual to tenure, the decision may be made by an entity other than the chancellor, for example, by an academic dean or vice chancellor.

The Committee's inquiry focused on the role of the chancellor in tenure matters. Section 36.13(1)(a), Stats., defines a tenure appointment as "an appointment for an unlimited period granted to a faculty member by the Board upon the affirmative recommendation of the appropriate chancellor and the academic department or its functional equivalent within an institution."

However, sec. 36.13(1)(a), Stats., is not an exclusive statutory declaration of the chancellor's role in tenure matters. Section 36.09(3), Stats., also vests in chancellors broad responsibility for "defining and administering institutional standards for . . . screening candidates for . . . tenure."

Section 20, paragraph 13 (d) of Chapter 100 of the Laws of 1971, the session law which merged the University of Wisconsin and the Wisconsin State Universities, provided:

All existing policies, rules and traditional practices of the former university of Wisconsin and the Wisconsin state universities and of the individual institutions shall continue until changed.

The record before this Committee is undisputed that the present practices of the universities at Green Bay, Parkside, Milwaukee and Madison were in effect when Chapter 100, Laws of 1971, was adopted. The record is also undisputed that the policies and procedures as promulgated at those institutions and as approved by the Board contemplate institutional decisions denying promotions to tenure which are final with faculty or administrative levels other than the chancellor (except when there is an appeal under sec. UWS 3.08, Wis. Adm. Code), and that they also contemplate effective involvement of entities other than the chancellor and the relevant academic department in tenure decisions.

In view of the legislatively declared merger policy that the traditional practices of the several universities of the System should continue until changed, it remained to be determined whether either the Legislature in adopting chapter 36 in its present form, or the Board by adopting ch. UWS 3, Wis. Adm. Code, had any specific intent to change the traditional practices in question.

Section 26 of Ch. 100, Laws of 1971, established a Merger Implementation Study Committee and charged it with drafting proposed legislation to govern the merged university system. Sections 36.13 and 36.09(3) and (4), Stats., as enacted by the Legislature are identical with the language proposed by the Study Committee, except for minor differences of style.

The Study Committee's report is recognized as authority regarding the legislative intent behind ch. 36.^{1/} From that report it is evident that the various provisions in ch. 36 concerning tenure were intended to permit wide latitude among the various system institutions in devising policies and procedures for screening candidates for tenure which best suit the unique needs of the faculty and administration at each institution. Nowhere does the report lend any support to the contention that any provision of ch. 36 was intended to change the traditional practices of the universities at Green Bay, Parkside, Milwaukee, and Madison.

^{1/}See concurring opinion of Justice Abrahamson in Student Association of University of Wisconsin-Milwaukee v. Baum, 74 Wis. 2d 283 at 297-299 (1976).

There is therefore no support for the contentions that the Legislature, by adopting Chapter 36, intended to require direct involvement by a chancellor in original decisions not to promote a candidate to tenure, or to prohibit involvement by entities other than the chancellor and academic department in the decision-making process.

Furthermore, the Committee has found no evidence that the Board, by adopting ch. UWS 3, Wis. Adm. Code, intended to overturn the traditional practices in question.

Upon the record and upon the respective contentions made, the Committee therefore concludes:

1. That, with regard to sec. 36.13(1)(a), Stats., and the practices at the universities at Parkside, Milwaukee and Madison, there has been no unlawful delegation of the chancellor's authority or responsibility.
2. That even assuming, arguendo, that there is a question of delegation of a chancellor's authority, it is a delegation which is sanctioned and permitted under the policies and procedures which were in effect and continue in effect and that therefore remain the law by virtue of sec. 20, par. 13(d) of Ch. 100, Laws of 1971.
3. That sec. 36.13(1)(a), Stats., by itself a definition, only requires an affirmative recommendation of the chancellor as a condition to exercise of the Board's authority to grant tenure, and that this provision is silent as to the chancellor's role or responsibility where a decision is not to promote an individual to tenure.
4. That sec. 36.09(3), Stats., confers upon the respective chancellors responsibility for "defining and administering institutional standards for . . . screening candidates for . . . tenure" and that the policies and procedures which have been questioned are proper and statutorily permissible means for fulfilling the chancellor's responsibility under sec. 36.09(3), Stats.
5. That Chapter 36, Stats., as a whole was intended to allow maximum flexibility on the part of the chancellors and faculties at the various institutions to devise faculty personnel systems which best suit the unique needs of each institution.

Dated the 6th day of September, 1979.

FOR THE REGENT COMMITTEE

Thomas Fox
Thomas Fox, Chairman

Nancy M. Barkla
Nancy Barkla

Arthur DeBardleben
Arthur DeBardleben

Marilyn M. Fitzgerald
Marilyn Fitzgerald

Raymond Majerus
Raymond Majerus

EXHIBIT A

Appearances at Regent Committee on Delegation of Authority
Related to Tenure Decisions

August 20, 1979, 1820 Van Hise Hall, Madison, Wisconsin

Professor Leon Applebaum, UW-Parkside
Chancellor Werner Baum, Milwaukee
Chancellor Alan Guskin, UW-Parkside
Professor Robert Lampman, Madison
Chancellor Edward Weidner, Green Bay
Professor Marvin Happel, UW-Parkside
Dean Pettit, Teacher, Racine
Joe Harris, DIHLR employee, Racine
Scott Zierten - tape recorded remarks
Anita Herrera, Racine
Carl Lassiter, Racine
Joel Lamke, Racine
Dave Granadas, Racine
Dorothy Doerflinger, Racine
John Brousseau, Racine
Lewis Mendoza, Racine
Professor Anatole Beck, Madison
Professor Richard Jacobson, Madison

Persons who submitted statements:

Kelly Sparks, Racine
Cristo Rey, Pastoral Center, Racine
Samuel Bort, U.A.W. Local 553
Professor Leon Applebaum, UW-Parkside
Professor Richard Jacobson, Madison