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## **Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: December 9, 1977. 1977**

Milwaukee, Wisconsin: Board of Regents of the University of Wisconsin System, 1977

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

Held in Room 201 Chapman Hall, UW-Milwaukee  
Friday, December 9, 1977  
9:08 A.M.

President Hales presiding

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

ABSENT: Regents Johnson, McNamara, Thompson, and Walter

Upon motion by Regent Neshek, seconded by Regent Lavine, it was VOTED, That the minutes of the Regular Meeting of the Board of Regents of the University of Wisconsin System held on November 11, 1977, be approved as sent out to the Regents.

REPORT OF THE PRESIDENT OF THE BOARD

President Hales recognized Regent Gerrard for the purpose of introducing a resolution.

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

Resolution 1568: Whereas, Edwin Young has had a long and distinguished career as faculty member and administrator at the University of Wisconsin-Madison and the University of Maine;

Whereas, Edwin Young has been consistently committed to the democratic principles that low-cost public higher education should be made accessible to as many citizens as possible;

Whereas, Edwin Young is recognized as one of the nation's outstanding educators who has served on a number of important state and national boards and commissions;

Now, therefore, Be it resolved, that the University of Wisconsin System Board of Regents extends its congratulations and best wishes to Edwin Young for the special honor and recognition he has been accorded by his peers in his election to the presidency of the National Association of State Universities and Land Grant Colleges.

President Young expressed his appreciation to the members of the Board, commenting that for a moment he thought he was being bade good-bye.

President Hales reported that Dr. Ben Lawton had been elected a member of the Institute of Medicine, National Academy of Science. He noted that it is unusual for a person not involved in teaching or research at an academic institution to achieve this honor. President Hales offered congratulations on behalf of the Board to Dr. Lawton for this high honor.

President Hales reported that he had been advised by the Governor's Office that Regent Grover had been appointed to the Higher Educational Aids Board to fill one of the vacancies that goes to the Regents. President Hales called upon Regents Lavine and Grover for the report of the Higher Educational Aids Board meeting held on December 2, 1977. Regent Lavine referred to the report of the meeting dated December 7, 1977 (copy attached as EXHIBIT A).

Regent Lavine reported HEAB's 1978 annual budget was reviewed and one of the major items was a proposal to take some one-time federal money to be used to greatly expand and simplify the computer system data base, which would affect all of the University of Wisconsin schools and allow the HEAB to more efficiently and effectively handle the data system. He also noted there were a number of changes proposed in the tuition/grant program that affected private schools. He stated the major item that came before the Board was a \$485,700 proposal to replace all state general purpose revenue funds which the HEAB receives with federal money. This proposal was in line with the Department of Administration guidelines and the staff proposed that the GPR funds be returned to the state and that federal funds be used in their stead. He said the HEAB now is in the business of servicing loans -- a quite different kind of loan operation than banks have, and many banks have indicated their intention to have the HEAB do the servicing on the loan so they are in essence a revenue-producing loan. He reported there was considerable objection to replacing the GPR funds because of the concern that HEAB was building an administrative base that would be solely dependent on so-called soft money (federal money), and that if that should become unavailable because of a change in federal policy, the state would be doubly obligated. He continued there was a concern that the agency is putting too much emphasis on generating revenue and not putting enough emphasis on serving students. He said there was some concern expressed by members of the Board about the prerogatives of deciding questions of that sort and not having them come in in final form.

Regent Lavine reported a number of the members of the Board raised serious concerns about the tremendous level of debt the students have, and concern that there is almost a half million dollars which could be used for grant programs for Wisconsin students -- federal money -- and that the agency was proposing giving back state dollars and eventually limiting from students a half million dollars in potential grant funds. As a result of that discussion, the staff proposal was not accepted and the half million dollars of federal funds will in fact be used for the student grant program, and the state GPR funds will continue to be used for administrative expense. He said of the other actions taken, the only major one which affects the University was a proposal to study the TIP Program which is a minority recruitment program for the the University and VTAE Systems. He stated there was an attempt to study the retention factors of minority students and concern was expressed that this was not appropriate for the HEAB, but should be an academic study done by the various academic institutions, and is a very sophisticated study in which the System is already involved, so the HEAB is not going to go ahead with that study but instead has requested that the University and other institutions which it serves go forward with their study as rapidly as possible so that the information that comes from them will

be available to help financially disadvantaged students. In response to a question, Regent Lavine stated that the vote on the decision to use the \$500,000 for grants rather than to replace state money was unanimous.

President Hales called upon Senior Vice President Donald Smith for a report on the Legislative Audit Committee of the Legislature meeting held on December 6, 1977. Senior Vice President Smith discussed a document entitled Wisconsin Legislative Audit Bureau University of Wisconsin System's Central Administration Audit Objectives dated December 6, 1977, furnished by the Joint Committee on Audit, which was distributed to the members of the Board. A copy of the document is attached as EXHIBIT B.

Vice President Smith stated the report includes the proposed purposes and procedures for the two audits proposed by the Legislative Audit Committee -- one is an audit of Central Administration management, and the other an audit of the management of segregated fees. The report reflects the discussion in the audit committee on last Tuesday and incorporates in italicized print the descriptive elements that were added as a result of input from legislators concerning particular inquiries. He emphasized that in his judgment the committee is proceeding scrupulously in terms of the discussion held between the committee and the Regents and that Senator McKenna and Representative Metz have indicated they would be pleased to meet with the Regents on any objections and related matters the Regents might want to bring up. Vice President Smith said the probability is that nothing will begin before April 1 and it was agreed by the Committee that there is no great urgency for any action at this time. He stated the Committee agreed it is proper to ask the Regents to respond to this document and that it would be appropriate for the Regents to study the document before indicating need for discussion with the Joint Audit Committee on what concerns and topics might be jointly addressed with the Audit Committee. Vice President Smith noted the audit begins with a pre-audit survey, which will produce a refinement of the actual audit areas, and they will return to the Regents with that examination before they proceed. There is every indication that if there are material changes in the audit format from that forecast, it will be examined by the Regents before the Bureau proceeds.

At the request of President Hales, Regent Beckwith reported on the status of the Board of Visitors. Regent Beckwith reported that President Hales had appointed a special committee to examine the question of whether the Board of Visitors should be restructured, consisting of Regents Erdman, Walter, and himself, plus Visitors Brewster and Elvehjem. The committee arrived at a unanimous view that a recommendation be made to the Board that the present members of the Board of Visitors constitute the Board of Visitors for the University of Wisconsin-Madison, with those members on the Board of Visitors being able to choose between staying on the Board of Visitors for Madison or joining the Board of Visitors for the University of Wisconsin-Milwaukee, and that each baccalaureate campus have the authority and would be encouraged to create its own Board of Visitors which would be composed of not more than fifteen persons nominated by the Chancellor and approved by the Board of Regents. There would also be authority for the Center System and Extension to have Boards of Visitors if they so choose. He stated the draft of the report was circulated to the Chancellors, and it met with their favor with one or two dissenting votes. The report was also circulated to the members of the Board of Visitors and did not meet with their favor and they have passed a resolution asking that the



Committee be enlarged and go back and re-examine the entire problem from the beginning. He stated their position essentially seems to be that there ought to be a single Board of Visitors that has Systemwide responsibility and overview. He stated that as an abstract philosophical matter he agreed with this position but did not believe it was possible from a practical standpoint. He stated the Board of Visitors have now requested that the committee be enlarged by the appointment of two more members to the committee from the Board of Regents and two more members from the Board of Visitors. The resolution states that the appointments from the Board of Visitors should be made by the Visitors, but since Visitors Brewster and Elvehjem were appointed by the President of the Board of Regents, he did not feel that would be a wise precedent. Regent Beckwith stated the Board of Visitors was advised that the committee would report back to the Board of Regents and recommend that the committee be enlarged and further study of the matter be made. He said he felt we should attempt to work out our problems and arrive at a solution acceptable to all and accordingly was recommending to the president of the Board of Regents that he expand the committee.

Regent Lawton required as to the opinion of the Chancellors about the matter. Regent Erdman reported that Chancellor Swanson felt that the Stout campus already had a superbly operating organization that would not be amenable to a Board of Visitors kind of adaptation. Chancellor Birnbaum, UW-Oshkosh, stated that he was against the proposal because it seemed inappropriate for the Council of Chancellors to take formal action on a resolution involving a governance matter without first consulting the faculties, and that he was personally opposed to it because it seemed to him that the governance of the campuses and the systems is already complex enough so that inserting another group of actors into the situation might not be helpful. He stated it seemed to him that the intent of the document was to provide a group that could give advice to the Chancellor and yet the group would report to the Regents. He said that if the purpose is to advise the Chancellor on each campus, the group should indeed report to the Chancellor. If the purpose was to advise the Regents, he had no objection to that as it is Regent business, but he could not see the rationale of having a group that would serve the campus as opposed to being Regents' advisers.

Regent Beckwith noted the report did not require any campus to have a Board of Visitors and that the committee was fully informed on what each campus had in the way of advisory boards, but it would permit them to have a Board of Visitors which would in fact be appointed by the Board of Regents on nominations from the Chancellors and would be available to the Regents to perform a particular visitation function that the Regents might request, but would as well be available to the Chancellors to perform the function of community relations and advise the Council of Chancellors.

Regent DeBardleben stated that he felt it was unfortunate to refer to the avoidance of a confrontation between this Board and the Board of Visitors, since this Board has not taken any action and we do not have a position on which there could conceivably be a confrontation. Regent Beckwith stated we could have ignored their advice and simply brought our report to the Board and asked the Board to vote on it. Regent DeBardleben stated the committee could have done that, but that does not mean that that is the position of the Board as the committee's report has not been adopted by the Board and that he was going to oppose it if it comes in in the form it was previously. He said that if the Boards of Visitors are to perform a valuable function, they should be the instrumentalities of this Board and should not be appointed by the Chancellor. He said he did not think they should be the enemy of the Chancellors, but they should not be the handmaiden of the Chancellor either.

Regent Erdman recalled that when the committee was set up it consisted of two members of the Board of Visitors -- the President and the former President, together with three Regents, and after deliberations arrived at a final recommendation which was approved by the Council of Chancellors. The President of the Board of Visitors thought that as a matter of courtesy it should be presented to his Board and there was an uprising on that Board against the recommendation of their representatives. In response to Regent DeBardeleben's question, President Hales stated that he appointed the representatives of the Board of Visitors to the committee. Regent DeBardeleben stated that it is rather startling to say that these people were representatives of the Board of Visitors when the Board of Visitors had not selected them. He stated the Visitors would like to select their own representatives, much as the students would like to select their representatives, and they may feel they are more adequately represented if they do that rather than have somebody else make the selection for them.

Regent Beckwith stated that he would welcome any advice that Regent DeBardeleben may have as to how it is practical for the Board of Regents to identify people from thirteen institutions located throughout the state who might be appointed to thirteen Boards of Visitors. He stated the report does recommend that the Regents appoint names of members of the Board of Visitors, but the problem was how to get those people nominated to this Board, as a matter of identification, and it is a difficult administrative problem to get that many people, and that is the reason we thought it wise to have the Chancellors make the nominations to the Board, but he would solicit Regent DeBardeleben's advice on the matter. President Hales stated that all points of view would be taken under advisement and we will continue to work on the situation.

President Hales reported that after consultation with President Young, Vice President Smith, and Chancellor Baum, he had appointed Regent McNamara to serve as a Director of the Milwaukee Regional Medical Center.

President Hales reviewed the report of the November 22, 1977, Vocational, Technical and Adult Education Board Meeting (EXHIBIT C, attached)

After a short discussion relative to the dates for Regent meetings in 1978-79, including changing the date of the July meeting from July 21, to July 14, the following meeting schedule was moved by Regent Neshek, seconded by Regent Erdman, and approved:

Resolution 1569:	July 14, 1978
	September 8, 1978
	October 6, 1978
	November 10, 1978
	December 8, 1978
	February 9, 1979
	March 9, 1979
	April 6, 1979
	May 11, 1979
	June 8, 1979

President Hales called upon Regent Erdman for the report of the Council of Trustees of University Hospitals. Regent Erdman noted the Council of Trustees of University of Wisconsin Hospitals is a creation of the Board of Regents. The By-laws and all appointments to the Council are approved by the Board and it was therefore felt appropriate by President Hales to have periodic reports to the Board of Regents on the Council of Trustees' activities.

Regent Erdman noted the current members of the Council are Regents Barkla, Fitzgerald, Lawton and herself; the public members are John Secord, Thomas Shropshire, Bruce Thomas and Martin Wolman. Ex officio members include the System and Madison Campus representatives: Vice Chancellor for Health Sciences, the Dean of the Medical School, and the Superintendent of the Hospital. Regent Erdman stated the University Hospitals is unique among hospitals in the state because of its combination of research and teaching missions, the mission of providing the best of all possible health care to people throughout the state. This has resulted in staffing and budgetary problems and problems of community and statewide relationships which are more intricate and more difficult to cope with than would be encountered in a regional or municipal hospital. She stated the recent period in which we have been building the massive Center for Health Sciences has been extremely trying, but it is anticipated that the major problems are now over. The school of Nursing is moving into the facility now and in a month or two the laboratories of the Clinical Cancer Center will be moving in, by March 1, 1979, in-patient services will move in, and the Center for Health Science will be operative. She noted that the University Hospitals is now operating in the black and has done so for the past year or so, but this was not the case for a good number of years preceding this period.

President Hales announced appointments to search committees as follows:

Search Committee for the Vice Chancellor, Madison Campus:  
Regents Lavine, Chairman; Barkla, DeBardeleben, Fitzgerald

Search Committee for Dean of the Medical School:  
Regents Lawton, Chairman; Erdman, Grover, Fish

President Hales reported that he and Regent Fitzgerald had attended the Association of Governing Boards Regional Conference held in Miami Beach, Florida, on December 5 and 6, 1977.

#### REPORT OF THE PRESIDENT OF THE SYSTEM

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

Resolution 1570: 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)

President Young called upon Chancellor Kenneth Lindner, University of Wisconsin-LaCrosse for a report of the programs at UW-LaCrosse. Chancellor Lindner noted that among the unique operations on the campus are the Cardiac Rehabilitation Program and the Mississippi River Studies Program, which has brought in approximately \$300,000 over the last four to five years and which has made a very significant contribution to research on the Mississippi River. He also noted the research program on black abolitionists, which is probably the single most important research project that has come to the University of Wisconsin-LaCrosse. He estimated the value of that will be something in the area of \$500,000 over the next four to five years. He also called attention to the Coop Education Program, which is not unique to the La Crosse campus but is into it at a much larger rate than any other institution. La Crosse has about 250 students each year who are out on a co-op program--working in industry and business across the entire country, as a matter of fact, from Boston to San Francisco. Chancellor Lindner called attention to the problem of appointment of academic staff in teaching positions, which he stated will be a relatively serious matter and is going to create considerable discussion over the next few years. He recalled that in the 1974-75 academic year the administration at La Crosse built a computer program analyzing the 18-year-old pool of live births and found that the pool declined from 99,000 18-year-olds in the fall of 1978 to approximately 62,000 18-year-olds in 1991, which is a reduction of 38%, resulting in the conclusion that the University should be very careful about appointing faculty members beyond the limit that would be required in the future. He stated that as a result of that tenure density study, all calculations are based on the needs of departments in 1991 and 1992, and it is clear that enrollments will be reduced if the number of 18-year-old students is depended upon for the supply of students. He stated that as a result there are about 80 fixed-term academic staff positions at UW-La Crosse that are lecturers and are teaching in academic departments. He said he felt this was the only way that he could plan responsibly for the future and that it will keep the University in healthy shape through the enrollment dips of the 1980's and 1990's.

Regent Erdman stated that she was disturbed to see that there are only 23 black students, 6 American Indians, 2 Asians and 6 Spanish students entering the freshman class last fall and that these numbers are not up to the goals set for 1981, which is something like 5% of the total enrollment, and inquired what was being done to keep summer students and bring them into the mainstream of the regular students. Chancellor Lindner responded that a position of special assistant to the Dean of Student Affairs to work in admissions and financial aids has been established to work with minority students to see if the improvement rate for minority students can be increased. He also noted that an adviser for American Indian students had been appointed this year to try to help with that problem and that the American Indian population has gone up considerably over the last four years.

Chancellor Lindner stated that academic staff do not function exactly as faculty and do not have governance responsibilities. These decisions are made by individual departments, and in most cases they do participate in most departmental activities but not in decisions relative to tenure and such matters. Regent Beckwith inquired if there are instances where academic staff members were placed on the tenure track. Chancellor Lindner responded in the negative but indicated that if a tenured position were to open, academic staff members who are qualified would be considered. He stated that their general attitude is that it is giving young, very talented people in the academic community an opportunity for some experience for a job and a chance to find positions at other universities which may be on the tenure track.

President Young stated that he had been spending a good deal of time visiting the various institutions and there were several issues that come up in discussions with faculty, students and others. One of them is how to maintain some flexibility in looking ahead and still accomplish the things we want to accomplish. He stated we are concerned about maintaining our affirmative action Program and not slip back because somewhere down the road there is a cutback. He noted that these things are all under very careful scrutiny by the Chancellors and the System staff and at some stage we will be prepared to make a more definitive report. President Young said that at every institution he had visited thus far, a number of students and faculty members had told him that the institution was the best in the System and for very special reasons. He said he felt the state of Wisconsin should be proud of its public institutions of higher education and that he was particularly pleased when he was told by each one of them it is better than any of the others.

President Hales stated that in the past month he had visited three campuses and encouraged the other Regents to take similar opportunities when they arise because the campuses are doing some interesting things.

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#### REPORT OF THE EDUCATION COMMITTEE

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

Regent Lavine referred to the communication from the UWM Gay Community Organization dated December 7, 1977 (copy attached as EXHIBIT E), which had been distributed to the members of the Board on the previous day. Regent Lavine reported that the request has been changed and will be going to the administration for both legal and policy reviews.

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Regent Lavine reported that in the Committee on the previous day Senior Vice President Donald Smith introduced Dr. Al MacDonald, recently appointed Director of the Research and Development Center based at UW-Milwaukee to deal with minority/disadvantaged student problems.

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Regent Lavine reported that a presentation was made to the Committee by Dean Anthony J. Catanese, UW-Milwaukee School of Architecture and Urban Planning. He described the progress of the architectural program since its authorization ten years ago with the addition of the professional degree in Urban Planning two years later. He reported that the Master of Architecture program has received the highest accreditation from the National Architectural Accreditation Board, and the Master of Urban Planning program has recently been approved by the American Institute of Planners for its highest recognition.

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Regent Lavine reported that the Committee next received Descriptive Planning Statements on Accounting Program Development, which had been distributed prior to the meeting. The major point discussed by the Committee related to the statement in the digest of the report to the effect that "further postgraduate work in account-

ing, particularly in taxation, is desirable in the urban areas of the state, and continuing education in the field should be expanded to prepare the universities, in cooperation with UW-Extension, to meet the requirements of mandatory continuing education in the future". He stated that the philosophic question of recommending such programming only in urban areas was the particular point at issue. It was agreed that the concern registered by the Committee members should be relayed to the Business deans who had prepared the planning statements for their consideration, in consultation with Chancellor Evans, of Extension. They would look at the prospect of bringing back particular kinds of outreach effort to accountants who work in non-big-eight firms in the areas of the state because those firms often have the least access to updating knowledge concerning the complicated regulations the federal government puts out.

Regent Lavine stated that Senior Vice President Donald Smith informed the Committee of the deletion of the B.S.-Allied Health (UW-Milwaukee) from the list of entitlements to plan submitted to the Education Committee in November, following discussion of the proposed entitlement by the Health Science Advisory Council. The program will likely be returned for consideration at a later date.

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

Resolution 1571:

That, upon recommendation of the President of the UW System and the Chancellors and Faculties of the Institutions involved, the following new entitlements to plan be approved, with anticipated implementation dates as indicated:

UW-EAU CLAIRE	B.B.A. Business Information Systems	1977-79
	B.S. Anthropology (Joint with LAC)	1979-81
	M.S. Human Development (Joint with STO)	1979-81
UW-GREEN BAY	Bachelor of Social Work	1977-79
	B.S. Environmental Planning	1977-79
	B.S. Industrial Accounting	1977-79
UW-LA CROSSE	B.A. Theatre	1977-79
	B.S. Statistics	1981-83
	B.S. Anthropology (Joint with EAU)	1979-81
UW-MADISON	Bachelor of Fine Arts in Art	1977-79
	Ph.D. Hebrew and Semitic Studies	1977-79
UW-MILWAUKEE	M.S. Human Kinetics	1979-81
	Masters in Industrial Relations	1979-81
	Ph.D. Architecture	1981-83
UW-OSHKOSH	B.S. Human Services	1977-79
UW-PARKSIDE	B.S. Applied Computer Science	1977-79
	B.A. Humanities	1977-79
UW-PLATTEVILLE	B.S. Vocational Business Studies	1977-79

(Continued)

UW-RIVER FALLS	B.S. Applied Computer Systems	1977-79
UW-STEVENS POINT	B.S. Industrial Accounting	1977-79
UW-STOUT	B.S. Tourism	1979-81
	B.S. Consumer Affairs	1979-81
	M.S. Human Development (Joint with EAU)	1979-81

Regent Barkla noted that the list includes a B.S. in Applied Computer Science at Parkside and a B.S. in Applied Computer Systems at UW-River Falls and wondered about the duplication implications therein. Regent Lavine stated that each campus designs its own package and that, especially at the undergraduate level, there not only will be but there should be duplications in the System. The use of computers and the need for people who are conversant and able to work with them are tremendous in terms of serving the students and the state. He also noted that it is an undergraduate program, and usually a quarter of the student's total credit hours is in an undergraduate major; so there is still a broad-based education program outside of that area. Senior Vice President Smith commented that we are going through a very interesting transition in the definition of baccalaureate degrees in American higher education. A number of very strong liberal arts colleges have said the citizens of the future, for better or worse, need to have a considerable familiarity with computers because he or she is going to have to live with them one way or another in almost every kind of relationship that exists in our society.

Regent DeBardeleben inquired as to the intellectual content of a major in Tourism. Regent Lavine responded that it is not greatly different from business marketing majors or hotel and restaurant management majors. He noted that the level of marketing and business sophistication present in the programs at UW-Stout is overwhelming and that the proposed program directs its attention toward that area of business marketing management instead of the broad area of marketing. He stated that majors are becoming more and more subject-specific because that is the way our society is going and that this is a list of majors, not a bachelor's degree. Regent DeBardeleben stated that he was not questioning the value of the sort of training Regent Lavine described but questioned its place in the University --whether it shouldn't be given someplace else. President Hales noted that he had visited the Stout campus and these programs have a lot of market appeal as evidenced by the fact that Stout places all of its graduates and the industrial people are standing in line to hire them; so it is filling a need. Regent Erdman stated that she felt Regent DeBardeleben was bringing up the philosophical question of career education in a liberal arts school. She stated she felt it worthwhile to have students get at least two years of a good, sound liberal education and then go into a major that will produce a well-rounded citizen in our society, and she would much rather see this basis, which a four-year university can give, than go into a vocational type of thing.

The question was put on Resolution 1571, and it was voted.

Regent Lavine noted that the Committee received the 1978-79 Undergraduate Teaching Improvement Grants announcement (EXHIBIT F, attached). He reported that a study is now in process to determine methodologies for better dissemination of the educational developments undertaken by one institution or faculty to other faculties in the System. One apparently effective method has been to encourage

inter-institutional cooperative projects. He reported that Associate Vice President Dallas Peterson called the Committee's attention to a typographical error in the December 7, 1977, cover memorandum: In the first line of the third paragraph the word "five" should read "fine". Regent Lavine reported that Chancellor Edward Fort, UW-Center System, commended the Academic Affairs office of the System administration upon the conduct of this year's teaching improvement grant program. He urged that in the future biennial budget discussions an increase in monies allocated to teaching improvement grants should be requested.

Regent Lavine reported the appointment of Dr. Egal Feldman as Dean of the College of Letters and Science, UW-Superior, effective November 23, 1977.

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

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

Regent Grover reported that the Committee had met on the previous day with all Regents invited to attend and participate in the discussion.

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

Resolution 1572: That, upon recommendation of the President of the University of Wisconsin System, the 1978 Annual Review Request be approved and submitted to the Governor and executive and legislative review agencies for their consideration in preparing legislation for the Annual Review. (Copy on file with the papers of the meeting)

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

Resolution 1573:

**Adequate compensation of faculty and academic staff is of fundamental importance in the continuing effectiveness of the missions of the UW System.**

The UW System faculty and academic staff has been adversely affected by a decline in real income over the last ten years. This has been both absolute and in relation to other state employees.

The Board of Regents, after careful study and documentation, requested salary adjustments of 9% annually in the 1977-79 biennium as the minimum needed.

(Continued)



Inflation continues at least at the rate anticipated in that request, and the utmost importance must be attached to more effective recognition of merit.

The approved 1977-79 compensation package is less than adequate in the judgment of this Board.

Therefore, the Board of Regents renews its petition to the Governor and the Legislature, including the Joint Committee on Employment Relations, for approval of its original proposal and for an appropriation of GPR funds necessary to make the cumulative adjustments documented in the original request for 1978-79, being an addition of 2% on the 1976-77 base and 1.5% on the 1977-78 base.

Regent DeBardleben stated that the fiscal effect of the resolution would be to add \$8.2 million in GPR funds and it does not contemplate adding anything to student fees. Regent Beckwith stated that he supported the resolution, mindful of the fact that it is difficult in this session of the Legislature to expect accomplishment of all these things, but that he felt it extremely important that we not only vigorously represent the faculty and obtain appropriate compensation, but that we vigorously show our willingness and our appearance to represent the faculty for adequate compensation, so that the faculty can justifiably say that we should be permitted to organize and bargain collectively if the Regents do not undertake to represent us vigorously and adequately before the Legislature.

Regent Erdman stated that she would support the resolution because she is highly in favor of the intent but that she did worry about the effect this will have on the Legislature. She said it appeared to her there is a certain arrogance which the Board of Regents presents as an outward appearance when we start off the second paragraph "Unique among any group of Wisconsin employees" and then go on to explain how these faculty employees are unique, but, nevertheless, the legislators look at the entire spectrum of state employees, and it appeared to her that this does not improve our accountability or credibility with the Legislature and the Governor when we know that the biennial budget is the place to make pleas for salary compensation changes. She said this assumes that the Board of Regents perceives the System as the number one priority throughout the entire state, whereas the legislators have to look at everyone in the state--hospital workers and all kinds of state workers whether they are game wardens or teachers of the deaf or people of that nature. She said that when we come in in defiance of their guidelines, of their rules, this bounces back against our intent and hurts our credibility.

Regent Lavine stated that he did not find the slightest trace of arrogance in saying to the people who are responsible for running the state of Wisconsin that they have a big and complex job but are obviously not responsible for what has happened in prior biennia when many of them were not present, and he felt the Legislature would welcome correcting a series of events that resulted in a group of state employees having a greater downturn in their real income than any other group of state employees. He said the Legislature has been very clear about wanting to treat public employees equally, and we are pointing out that on a cumulative basis the faculty and academic staff have been by a large margin treated anything but equally compared to other employees. He stated that the resolution is in no sense arrogant but is saying what he felt it is our duty to say to the Legislature, that there has been a real shortfall and a significant problem. He said that he felt it reasonable to bring this to the attention of the Joint Committee on Employment Relations, as they will have a variety of proposals brought to them.

Regent Grover stated he felt the resolution is not only adequately worded, but extremely kind. He noted that the Board had recently taken a position against collective bargaining and that as a result our tantamount responsibility is to speak to an adequate compensation level for University faculty. He said he was not worried about the image of the Board of Regents and whether or not it is labeled arrogant--sometimes that label might well fit, but, on the other hand, the Legislature also is labeled the same way, and that label sometimes fits there as well. He said if we are worried about our relationship with the Legislature, some of the stonewalling we have been doing on the legislative audit procedures speaks to a different level of arrogance in terms of Regent response as opposed to giving them adequate guidelines of what is adequate in salary compensation for the faculty. He noted that the legislators had just gone through the state strike of organized state employees and felt the same trauma at that experience. This Board of Regents has said we do not want the faculty in the UW to organize, and we want to speak to an adequate level of compensation for that faculty. He said the fair and objective sensitive legislator is going to look at that kind of action by the Board of Regents as a responsible kind of thing that ultimately ought to be adhered and listened to, and he therefore commended the Committee for this resolution.

The question was put on Resolution 1573, and it was voted.

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

That the Board of Regents favors the present appropriation structure for the University System and supports the elimination and/or reduction of unnecessary reporting requirements rather than the addition of such procedures; however, in accordance with the legislative mandate of Chapter 29, Laws of 1977 requiring that the Board of Regents, in conjunction with the Department of Administration, the Legislative Audit Bureau and the Legislative Fiscal Bureau, develop a revised appropriation structure for the System, it is recommended the report of the study participants, dated November 22, 1977, be approved for submission to the Governor and Legislature.

Regent Beckwith stated that he felt that what the Legislature is asking for is reasonable and that the reporting system that has been suggested is not an unreasonable burden on the University so long as we have a budgetary system in the state that does not give the University a lump sum to spend in any fashion it wants, and that he felt that the Legislature understands shifts between budgetary items and that that is the thrust of their request. He said that from talking with Mr. Lorenz he did not get the impression that this would impose upon us unreasonably and therefore, rather than give the image that every time the Legislature wants more information from us, we holler "wolf", we ought to save our unhappiness with the audit reporting procedures for those times when we really think it is unreasonable. Regent Beckwith moved that the resolution be amended by deleting the first four lines and the word "however" in the fifth line, and the motion was seconded by Regent Gerrard. Regent Erdman stated that she felt that the clause makes much more clear what the resolution is all about. She said that she didn't think anyone felt strongly about it except that really it was not that important.

Regent DeBardeleben stated that he felt that the revised system does impose upon Central Administration an inordinate and unnecessary administrative burden and one that does not accomplish any purpose. We are not in a position to defy the Legislature and we are not defying the Legislature, but we are saying we are going to do what they tell us to do but are restating our reservations about this because it is wasteful and unnecessary. He requested more information about the problem involved. Vice President Lorenz stated that the reporting requirements as specified in the document will require about three additional reports over those currently being supplied to the Legislature and the Department of Administration. These reports will flow out of our computerized systems, and there will not be a substantial amount of additional effort. However, there will be additional reporting requirements. It places a limitation upon the amount of budget transfers which can be made between sub-programs, which we do not have at this particular time. He said that in our opinion the limitations which are proposed are reasonable and will not cause any significant problems in the administration of the budget.

Regent DeBardeleben inquired if the limitation on transfers between sub-programs would place limitations on the academic flexibility of the System. Vice President Lorenz responded that it would require prior approval of the Joint Finance Committee. Regent DeBardeleben stated that it introduces a legislative body into academic decisions and decision-making. He stated that they can tell us to do this, but, as a Board of Regents, we have a responsibility to tell them that we think they are making a mistake, and that is what we are doing here.

Regent Grover inquired as to what magnitude of transfers between sub-funds would require a presentation before the Joint Finance Committee. Vice President Lorenz stated that the limitations are placed when transfers are 3% of instruction, and since our annual budget is approximately \$200 million, if transfers exceeded \$6 million, we would have to have prior approval of the Joint Finance Committee. On the other sub-programs the budgets are substantially less, and the maximum allowable is 5%. In our farm operations and auxiliary operations our budget is about \$1 million, which would require approval of transfers of \$50,000. Regent DeBardeleben stated that it would be absurd to have to go to the Joint Finance Committee for approval of a \$50,000 change. Regent Grover stated that he was not too concerned about transferring \$50,000 as it affects agriculture, but when you are talking about transferring \$6 million from one fund to another, he felt it appropriate to go back to the Legislature and explain why you have that large budgetary inconsistency. Senior Vice President Smith stated that the resolution was worded with great care. He said we believe the probability of having to go back to Joint Finance is very small, and, by and large, this is something we can live with. He continued that we note that this is another step in what has been a long chain of increasing and increasingly specific reporting requirements, and if you continue down this route, it becomes increasingly possible to reduce the margin or ultimately to eliminate the margin and destroy all flexibility whatsoever. He said because of the very highly sophisticated computerization of the accounting system, the total amount of workload required to make the three additional reports will not be great, and, by and large, we don't expect any serious difficulty in living within this. However, we thought it was well for the Regents to call attention to the generalized difficulty that universities are having with increasing levels of reporting requirements and increasing reductions in the flexibility of decision-making within the universities themselves. On philosophical grounds we do not believe this is wise, but it is a part of the world in which we live at the present time; so the resolution was very carefully drawn so that the Regents can express what we think is an appropriate concern but at the same time say that we are accepting and approving the report, which we think was about as skillfully negotiated as was conceivably possible.

Regent Fish stated that he concurred with Regent Beckwith, as it appears that increased reporting is not isolated to the University--our whole society is facing reporting requirements that are not only in many cases unjustified but are getting to the point of ridiculousness as well. He said it was his belief that if we can live with this, we ought to strike the first four lines, and, if we can't live with it, we ought not to pass the resolution at all. He said he disliked the statement where we are agreeing to do something but we are getting all of the deficits of not doing it and none of the benefits of doing it. If we are going to do it, he would agree with Regent Beckwith. Regent Beckwith stated for the record that philosophically he agreed with what had been said by Regent DeBardleben and Vice President Smith but that he did not want to see more reporting and did not want to see a lack of flexibility, as he felt it important to preserve the prerogatives of the Board. He said he did feel it is important that we recognize that we are instrumentalities of the state and should approach the Legislature in a dignified manner, make our points at the right time under the right circumstances.

The question was put on the amendment, and it was voted, with Regents Beckwith, Fish, Fitzgerald, Gerrard, Grover, Hales, and Lavine voting "Aye" (7), with Regents DeBardleben, Erdman, Lawton and Neshek voting "No" (4), and with Regents Barkla, Johnson, McNamara, Thompson and Walter absent (5).

The resolution as amended then read as follows:

Resolution 1574: In accordance with the legislative mandate of Chapter 29, Laws of 1977 requiring that the Board of Regents, in conjunction with the Department of Administration, the Legislative Audit Bureau and the Legislative Fiscal Bureau, develop a revised appropriation structure for the System, it is recommended the report of the study participants, dated November 22, 1977, be approved for submission to the Governor and Legislature.

The question was put on the resolution as amended, and it was voted, with one negative vote.

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Regent Grover reported that in the Committee meeting on the previous day there had been a series of brief presentations made by representatives of organizations seeking reconsideration by the Regents of their decision relating to divestiture of holdings in companies doing significant business in South Africa.

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

Resolution 1575: That, upon recommendation of the President of the System, the gifts, grants and contracts presented at this meeting (copy filed with the papers of this meeting) be accepted, approved, ratified and confirmed; and that, where signature authority has not been previously delegated, appropriate officers be authorized to sign agreements.

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Regent Grover reported that in the executive session a decision was made to divest the securities held in one corporation that has not adopted the so-called Sullivan Statement or a comparable statement of principles concerning racial discrimination and its effect on their corporate activities in South Africa as required by the statement on investment policy adopted by this Board. He stated that corporations in which the University holds securities are being contacted to determine whether or not they have a Sullivan statement or comparable statement of principles that will satisfy the Business and Finance Committee's inquiries as to whether or not they are adhering to the policy recently adopted by the Board.

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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 reported that the first item considered by the Committee related to approval of the concept and budget report, along with a budget increase of \$607,500, to a total of \$4,071,600, to restore four Downer College buildings identified as Holton, Merrill, Johnston and Greene Halls. In the 1977-79 biennium the Legislature provided funds for the complete renovation of Holton Hall and the exterior restoration and renovation of Merrill, Johnston and Greene Halls. The second part of the project approved by the Legislature provided \$841,500 to renovate the interior and exterior of Vogel Hall and the exteriors of Pearse and Garland Halls, which were part of the Downer Seminary. The former Downer Seminary buildings were acquired by the System in 1961, and the former Downer College buildings were acquired in 1964. Part I of Phase I of the Downer Building Complex Remodeling will shift the use of the buildings from Business Administration to History and other Letters and Science needs. It was also pointed out that if the project were not approved, new construction would be needed and would cost substantially more than renovation of the Downer Buildings. He pointed out that approval of this request was in fact approval of funding to eventually renovate all of the Downer College and Seminary buildings at a cost ranging from \$8 million to \$12 million.

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

Resolution 1576: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, the concept and budget report and an increase of \$607,500 in the budget for Part I of the 1977-79 Downer Building Complex Remodeling-Phase I project on the UW-Milwaukee campus be approved, and authority be granted to complete final plans and specifications and to bid and construct Part I of the project at a revised cost of \$4,071,600 and a total project cost of \$4,913,100.

Regent Erdman inquired why remodeling of the building was favored, rather than new construction, when there is no justification presented of the historical or aesthetic significance of the building. Regent Barkla stated that in 1975 the Board approved the concept that, all other things being equal in terms of educational dollars, we approve the principle of restoration of the Downer buildings on the Milwaukee campus. Several hearings were held on the historical and architectural significance of those buildings, and that is why the Committee did not go into

that matter at this particular time. Regent Fish stated that about five years ago it was determined that we either had to do one thing or the other with these buildings. We have had several major feasibility studies of the buildings, it has been discussed in the Committee seven or eight times, and then it has been before the Board twice. Certain construction activities have been explained to the Building Commission, and it has been approved by the Building Commission and the Legislature. He said he took the position that we were an educational institution, and, if as an educational institution we could preserve history without taking away educational dollars, we ought to do so, but that if to preserve history we had to take away educational dollars, we ought to seek those historical dollars from another source and in a different manner. In the case of the Downer buildings and the Seminary buildings he did not feel there is any question concerning either their value, their beauty, or their historical value--they are on the National Register. He said that he did not feel any one of them would probably get a major award, but as a complex it is unique, and if it could be preserved, it should be preserved. He recalled that a couple of times requests were pulled back because justification had not been adequate as far as the utilization of the buildings after the remodeling was concerned. He stated that the final feasibility study indicates we could remodel these buildings for approximately the same cost as new construction. The campus needed the space, and it was therefore necessary to either tear them down and replace them, or remodel them. He stated that the action taken in the Committee on the previous day was a reaffirmation of what the Regents had done in the past.

Regent Beckwith stated that people in this community who look upon the University as a very important entity and support it have great affection for these buildings and the campus that was a part of Downer. If you look at the leadership in the community, you find a great bulk of them supporting the concept that we should try to preserve this piece of Milwaukee if we can. This is a city of tradition and history. He said you would find very substantial opposition if a bulldozer came in and he felt that would be unfortunate. He stated that the University has been the beneficiary of some fine gifts and grants from people of this community who did not graduate from the University of Wisconsin but nevertheless wish to support it, and that is the way they reflect their appreciation that the University is a good neighbor.

Regent DeBardleben inquired if there is any public or quasi-public or generally accepted agency or instrumentality that passes upon the relative historical significance and value of buildings such as these. Regent Fish stated that the only standard he knew of was the National Register, but that did not necessarily mean that we have to save that building. He said we are a chartered institution to educate students, not necessarily to save buildings. He said he believed that if you have an historic building that you can't justify historically, it should be ruthlessly torn down, but we ought to make the fact known to the authorities in the State Historical Society and the Legislature that we cannot use the building and we cannot stand it on the educational budget. If they want to save the building, they are going to have to figure out a way to save it, not us. When the University of Wisconsin can save an historical building without impairing our position, then he felt it is incumbent upon us to do that. In the case of the Downer buildings we can justify saving those buildings and meeting our educational needs.

Regent DeBardleben inquired if the project has the recommendation of the Chancellor of the Milwaukee campus. The answer was affirmative and that no one had voted against it. Vice President Winter stated that it will cost \$1 million less to renovate the buildings than for new construction.

The question was put on Resolution 1576, and it was voted.

Regent Gerrard reported the nine capital building projects costing \$11,203,300 in additional funds were individually discussed in the Committee meeting. The Main Hall remodeling at UW-La Crosse, Old Main remodeling at UW-Stevens Point, and the Riverfront Stabilization at UW-Oshkosh were previously approved by the Regents and subsequently received advance planning approval by the State Building Commission with the understanding that the request for construction funding would be resubmitted for State Building Commission action in the 1978 annual budget review session. The UW-Madison Camp Randall roof project was approved by the Regents and Legislature in the 1977-79 building program. It was subsequently decided to go to a more expensive roof design which would provide for a thirty-year guarantee and an estimated life of forty to fifty years instead of the traditional type roof which would have only a five-year guarantee and a twenty-year life. The Systemwide handicapped access project for \$4.6 million is considered an emergency request to fund construction of elevators and other means of access to thirty-eight buildings in order to comply with new federal access regulations for the handicapped.

Regent Gerrard moved adoption of Resolution 1577 relating to approval of the 1978 Annual Review Capital Building Request (attached as EXHIBIT G), the motion was seconded by Regent Fish, and it was voted.

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

Resolution 1578: That, upon the recommendation of the UW Extension Chancellor and the President of the University of Wisconsin System, authority be granted to lease the following property:

Approximately 1,375 square feet of space in the Brooks Building, Hayward, Wisconsin for the period January 1, 1978 through June 30, 1980

B and B Development Corporation, Lessor  
Brooks Building  
Hayward, Wisconsin 54843

The annual lease cost is \$7,563

Regent DeBardleben stated that he felt the rent is exorbitant for that area and that amount of space but did not know of any alternative. Vice President Winter stated that the question was raised previously and the report came back that no other acceptable space was available. He pointed out that the matter is handled by the state leasing officer of the Department of Administration, and it was his recommendation.

The question was put on Resolution 1578, and it was voted.

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

Resolution 1579: That, upon the recommendation of the UW-Eau Claire and UW-River Falls Chancellors and the President of the University of Wisconsin System, authorization be granted to plan, bid and construct the following projects at the cost and from the funding sources indicated:

UW-Eau Claire

Eight tennis courts and four half-courts at a cost of \$135,100 (\$67,550 PR and \$67,550 LAWCON)

UW-River Falls

Four tennis courts, four half-courts, pathway connector and physical fitness course at a cost of \$75,500 (\$39,250 LAWCON, \$35,000 PR and \$4,250 GPR)

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

Resolution 1580: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, an increase of \$122,940 in the budget for the 1971-73 Pathological Waste Destructor Project on the UW-Madison campus be approved and authority be granted to complete final plans and specifications and to bid and construct the project at a total revised cost of \$643,940.

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Regent Lawton inquired as to the disposition of the report on the Eau Claire Family Practice Clinic. Regent Gerrard responded that the Bureau of Facilities Management had not furnished the details of the matter and that it had been laid over until a future meeting.

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REPORT OF THE RESIDENCE HALLS REVIEW PANEL

Senior Vice President Smith stated that the report of the committee will be discussed in February as there has been a request from students that the discussion be deferred until that time.

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

Resolution 1581: That the Board recess into closed session to consider personnel matters and confer with legal counsel concerning pending litigation as permitted by Sections 19.85(1)(f), 19.85(1)(c), and 19.85(1)(g), Wis. Stats.



The resolution was voted, with Regents Beckwith, DeBardeleben, Erdman, Fish, Fitzgerald, Gerrard, Grover, Hales, Lavine, Lawton and Neshek voting "Aye".

The meeting recessed into executive session at 11:55 A.M.

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The meeting resumed in open session at 12:57 P.M., and President Hales announced adoption of the following resolutions:

Resolution 1582: Upon recommendation of the President of the UW System, the Board of Regents approves designation of Donald Smith as Senior Vice President, UW System, with responsibility as deputy to the President for all divisions of System administration. Mr. Smith will also continue as Academic Vice President until the appointment of a new Academic Vice President.

Resolution 1583: Upon recommendation of the President of the UW System, the Board of Regents authorizes the President of the System to proceed with the search and selection process for filling a position designated as Vice President for Academic Affairs, in accordance with Resolution No. 325, Search and Screen Procedures for Selecting Chancellors, Executive and Academic Vice Presidents, adopted by the Board on November 3, 1972. The appointment will be made to the position classification designated as Senior Vice President under Section 20.923 (4) (1) (3) Wisconsin Statutes (executive salary group 9).

Resolution 1584: That, upon recommendation of the President of the UW System, the Board of Regents accepts the resignation of Robert Birnbaum as Chancellor, UW-Oshkosh, effective September 1, 1978. The Board further directs the President of the UW System to establish a Search Committee for the position under Regents' policy.

The Board has accepted the resignation of Chancellor Birnbaum with great regret, and wishes to record its high esteem for the imaginative and resourceful leadership he has provided for the UW-Oshkosh since assuming office in 1974. As Regents, we have been grateful for the steps that have been taken to strengthen that University, to create new approaches to academic programming adapted to the future needs of our state, and to establish the planning and development processes through which the University can continuously renew itself. We commend Chancellor Birnbaum for his outstanding contributions to the University of Wisconsin-Oshkosh, to the University of Wisconsin System, and to higher education. We wish him every success in his proposed redirection of his career.

The meeting adjourned at 12:58 P.M.

GIFTS, GRANTS AND CONTRACTS  
DEC 09, 1977

## UNIVERSITY OF WISCONSIN - MADISON

## GIFT-IN-KIND

1. COLLOQUIUM COUNCIL OF THE DEPARTMENT OF PLANT PATHOLOGY, MADISON CAMPUS  
A CAMERA TO THE DEPARTMENT OF PLANT PATHOLOGY  
MSN
2. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON,  
REPRESENTING A GIFT FROM JEROME SINAIKO,  
SARASOTA, FLORIDA  
AN OIL PAINTING, "AT THE TROUGH",  
BY MORRIS TOPCHEVSKY TO THE ARCHIVES  
OF THE UW-MADISON  
MSN
3. THE HULL COMPANY, WAUPUN, WI  
GIFT OF RENTAL AND COST OF GROWING CARROTS ON  
RESEARCH PLOTS ON THE DONOR'S FARM TO THE  
DEPARTMENT OF HORTICULTURE  
MSN

## INSTRUCTION

1. MULTIPLE DONORS  
DR. OVID O. MEYER / CLINICAL TEACHING FUND-  
MEDICAL SCHOOL ( TRUST ) 730.00
2. UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH  
(P/C WITH COMM NOAA)  
BOULDER, CO  
SPECIAL SUMMER ACADEMIC PROGRAM IN THE ATMOSPHERIC  
SCIENCES FOR MINORITY STUDENTS AT THE UNIVERSITY  
OF WISCONSIN - MADISON  
FOR THE PERIOD 10-01-77 THROUGH 09-30-78  
AWARD # LETTER DTD 10/17/77  
MSN L&S METEOROLOGY (144-K942) 18,241.00
3. DHEW, OFFICE OF HUMAN DEVELOPMENT  
CHICAGO, IL  
TEACHING AND TRAINEESHIPS IN REHABILITATION  
COUNSELING  
FOR THE PERIOD 07-01-77 THROUGH 06-30-78  
AT A TOTAL COST OF \$161,248.00  
AWARD # 44-P-25142/5-16, MOD. 1  
MSN EDUC STU IN BEHAV DIS (144-K280) 75,419.00
4. DHEW, PHS, HEALTH RESOURCES ADMIN.  
CHICAGO, IL  
RESIDENCY TRAINING IN GENERAL INTERNAL MEDICINE  
FOR THE PERIOD 10-01-77 THROUGH 09-30-78  
AWARD # 1 D28 PE15191-01  
MSN HS-MED MEDICINE MT SINAI (144-K992) 62,277.00
5. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC  
PROFESSIONAL TRAINING IN ANALYSIS AND DESIGN OF  
WATER SUPPLY AND POLLUTION AND CONTROL SYSTEMS  
FOR THE PERIOD 09-01-75 THROUGH 09-30-78  
AT A TOTAL COST OF \$101,308.00  
AWARD # T-900166-05-0, MOD. 3  
MSN ENGR ENGR EXPER STA CIVIL&ENV (144-H125) 30,104.00

GIFTS, GRANTS AND CONTRACTS  
DEC 09, 1977

## UNIVERSITY OF WISCONSIN - MADISON

## INSTRUCTION

- |    |   |            |          |
|----|---|------------|----------|
| 6. | MULTIPLE DONORS<br>SUPPORT AGRICULTURAL ECONOMICS GRADUATE TRAINING<br>PROGRAM<br>MSN AG&LSC ECONOMICS (AGR)  | (133-3859) | 200.00   |
| 7. | NATIONAL CONFECTIONERS ASSOCIATION<br>CHICAGO, IL<br>DEFRAY COST OF CONDUCTING THE ANNUAL<br>CONFECTIONER'S SHORT COURSE<br>MSN AG&LSC FOOD SCIENCE                                       | (133-8131) | 6,400.00 |
| 8. | SINGAPORE INSTITUTE OF STANDARDS AND INDUSTRIAL<br>RESEARCH<br>REPUBLIC OF SINGAPORE<br>TRAINING PARTICIPANTS FOR ENGINEERING AND<br>INSTRUMENTATION SYSTEMS<br>MSN ENGR FOREIGN PROGRAMS | (133-9272) | 3,076.00 |

## LIBRARIES

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|----|--|------------|----------|
| 1. | MULTIPLE DONORS<br>FRIENDS OF THE UNIVERSITY LIBRARY FUND<br>MSN/LIBR GENERAL LIBRARY ADMIN  | (133-0822) | 17.00    |
| 2. | MULTIPLE DONORS IN MEMORY OF<br>DR. KARL L. SIEBECKER<br>FRIENDS OF THE MEDICAL LIBRARY FUND<br>MSN HS-ADM LIBRARY                 | (133-5690) | 55.00    |
| 3. | SMITH KLINE CORPORATION<br>PHILADELPHIA, PA<br>SUPPORT LITHIUM LIBRARY IN THE DEPARTMENT OF<br>PSYCHIATRY<br>MSN HS-MED PSYCHIATRY | (133-9651) | 2,000.00 |

## MISCELLANEOUS

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|----|--|------------|-----------|
| 1. | MICHIGAN STATE UNIVERSITY (P/C WITH GOVERNMENT<br>OF BRAZIL UNDER AGREEMENT WITH STATE AID)<br>EAST LANSING, MI<br>COLLABORATION BETWEEN MICHIGAN STATE UNIVERSITY<br>AND THE UW-MADISON<br>FOR THE PERIOD 10-26-75 THROUGH 06-30-78<br>AT A TOTAL COST OF \$60,116.10<br>AWARD # MEC-WI-1<br>MSN AG&LSC INTL AGR PROG | (144-H219) | 16,858.77 |
| 2. | MULTIPLE DONORS<br>DISCRETIONARY GRANT IN THE DEPARTMENT OF<br>MEDICINE<br>MSN HS-MED MEDICINE LAB-COMPUT  | (133-A017) | 660.00    |
| 3. | THE STANDARD OIL COMPANY OF OHIO<br>CLEVELAND, OH<br>UNRESTRICTED GRANT TO THE DEPARTMENT OF CHEMICAL<br>ENGINEERING<br>MSN ENGR CHEMICAL ENGR   | (133-A732) | 3,000.00  |

GIFTS, GRANTS AND CONTRACTS  
DEC 09, 1977

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

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|-----|---|------------|-----------|
| 4.  | WISCONSIN LAW ALUMNI ASSOCIATION<br>MADISON, WI<br>DEFRAY SALARY OF EXECUTIVE DIRECTOR OF WISCONSIN<br>LAW ALUMNI ASSOCIATION<br>MSN LAW LAW SCHOOL   | (133-A829) | 2,804.29  |
| 5.  | CENTER FOR PUBLIC REPRESENTATION, INC.<br>MADISON, WI<br>DEFRAY CONSULTANT, PROJECT ASSISTANT AND XEROXING<br>COSTS AT THE CENTER FOR PUBLIC REPRESENTATION<br>MSN LAW LAW SCHOOL   | (133-B156) | 20,187.31 |
| 6.  | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>FRIENDS OF THE ELVEHJEM ART CENTER<br>MSN L&S ELVEHJEM ART CTR   | (133-B163) | 2,000.00  |
| 7.  | MULTIPLE DONORS<br>COLLEGIATE DAIRY PRODUCTS JUDGING TEAM SUPPORT<br>MSN AG&LSC FOOD SCIENCE  | (133-B181) | 300.00    |
| 8.  | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>HERBARIUM EXPENSES<br>MSN L&S BOTANY   | (133-B291) | 50.00     |
| 9.  | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>HELFAER CHAIR IN CHEMISTRY<br>MSN L&S CHEMISTRY  | (133-B292) | 12,000.00 |
| 10. | AYERST LABORATORIES<br>NEW YORK, NY<br>DISCRETIONARY FUND IN THE DEPARTMENT OF MEDICINE<br>MSN HS-MED MEDICINE  | (133-B382) | 5,000.00  |
| 11. | UNION CARBIDE CORPORATION<br>NEW YORK, NY<br>MECHANICAL ENGINEERING UNRESTRICTED GRANT<br>MSN ENGR MECHANICAL ENGR  | (133-B430) | 4,000.00  |
| 12. | THE FORD FOUNDATION<br>NEW YORK, NY<br>CONFERENCE ON PROGRESS OF FORD FOUNDATION FUNDED<br>INTERNATIONAL ECONOMIC ORDER RESEARCH PROJECTS<br>ON TRADE AND DEVELOPMENT FOR THE PERIOD 09-01-77<br>THRU 02-28-78<br>AWARD # 775-0657<br>MSN L&S ECONOMICS | (133-B892) | 20,196.00 |
| 13. | MULTIPLE DONORS<br>DISCRETIONARY FUND FOR THE CHAIRMAN OF<br>THE DEPARTMENT OF MEDICINE<br>MSN HS-MED MEDICINE  | (133-B908) | 107.18    |

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## MISCELLANEOUS

14.	STATE OF WISCONSIN DEPARTMENT OF REVENUE MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 08-29-77 THRU 06-30-78 AWARD # P.O. #RDH 80404 MSN AG&LSC ECONOMICS (AGR)	(133-B928)	13,823.00
15.	MULTIPLE DONORS FERMENTATION CONFERENCE EXPENSE ACCOUNT MSN HS-PHR PHARMACY	(133-B931)	1,000.00
16.	MULTIPLE DONORS DEFRAY COST OF STUDENT HOURLY HELP AND KEYPUNCHING OF RESEARCH DATA MSN L&S SOCIOLOGY	(133-B934)	170.00
17.	MULTIPLE DONORS ZOOLOGY DEPARTMENT CHAIRMAN'S UNRESTRICTED FUND MSN L&S ZOOLOGY	(133-B935)	100.00
18.	NATIONAL ACADEMY OF SCIENCES WASHINGTON, DC DEFRAY FELLOWSHIP LABORATORY COSTS MSN HS-MED HUMAN ONCOLOGY	(133-B939)	1,000.00
19.	MONSANTO COMPANY ST. LOUIS, MO CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR ENGR EXPER STA CHEM ENGR	(133-3236)	2,000.00
20.	MULTIPLE DONORS LAND TENURE CENTER TRAINING PROGRAM FUND MSN AG&LSC LAND TENURE CTR	(133-5269)	400.00
21.	RURAL SOCIOLOGICAL SOCIETY BROOKINGS, SD PARTIAL SUPPORT OF EDITORIAL WORK PERFORMED BY THE DEPARTMENT OF RURAL SOCIOLOGY IN PUBLISHING THE JOURNAL OF RURAL SOCIOLOGY MSN AG&LSC SOCIOLOGY(RURAL)	(133-5316)	275.00
22.	MURPHY PRODUCT COMPANY, INC. BURLINGTON, WI EXCELLENCE IN TEACHING AWARD IN AGRICULTURE MSN AG&LSC ADM-RESID INSTR	(133-5652)	500.00
23.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS BUSINESS, SCH OF	(133-5984)	
	50.00 AMERICAN TELEPHONE & TELEGRAPH COMPANY-LONG LINES BEDMINSTER, NJ		
	100.00 MULTIPLE DONORS		150.00

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24. WISCONSIN LAW ALUMNI ASSOCIATION  
LAW SCHOOL, UNIVERSITY OF WISCONSIN  
MADISON, WI  
LAW SCHOOL DEAN'S DISCRETIONARY FUND  
MSN LAW LAW SCHOOL (133-6741) 2,000.00
25. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
ENVIRONMENTAL AWARENESS CENTER DEVELOPMENT FUND  
MSN AG&LSC NAT RESOURCES ENV AW CTR (133-8925) 50.00
26. FAY MCBEATH FOUNDATION  
MILWAUKEE, WI  
SUPPORT FAYE MCBEATH INSTITUTE ON AGING AND ADULT  
LIFE DURING THE PERIOD 07-01-77 THRU 06-30-78  
MSN GRAD INST AGING&ADULT (133-8986) 20,000.00

## RESEARCH

1. THE TRUSTEES OF COLUMBIA UNIVERSITY (SUBCONTRACTOR  
WITH THE BOARD OF REGENTS OF THE UW-SYSTEM UNDER  
PRIME GRANT 1 R01 HD10533-01 FROM DHEW PHS NIH)  
NEW YORK, NY  
HYPOTHALAMIC-PITUITARY TESTICULAR DEVELOPMENT  
FOR THE PERIOD 09-01-77 THROUGH 08-31-78  
AT A TOTAL COST OF \$16,502.00  
AWARD # 294J011  
MSN L&S PRIMATE RES CTR (144-K676)
2. AGRIC, SOIL CONSERVATION SERVICE  
MADISON, WI  
COMPUTER SUPPORT FOR SOIL CONSERVATION SERVICE  
APPLICATION PROGRAMS  
FOR THE PERIOD 10-01-77 THROUGH 09-30-78  
AWARD # WI-B-440  
MSN GRAD ACAD COMPUTG CTR SUP & CAP (144-K974) 1,000.00
3. NORTH CENTRAL REGIONAL CENTER FOR RURAL  
DEVELOPMENT (P/C WITH AGRIC)  
AMES, IA  
ECONOMIC ANALYSIS OF PRIVATE AND PUBLIC  
ALTERNATIVE WASTEWATER TREATMENT AND DISPOSAL IN  
RURAL AREAS AND SMALL COMMUNITIES  
FOR THE PERIOD 10-01-77 THROUGH 09-30-79  
AWARD # AGREEMENT DTD 10/01/77  
MSN AG&LSC NAT RESOURCES WASTE S RP (144-K962) 26,345.00
4. AGRIC, ECONOMIC RESEARCH SERVICE  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) INTERGOVERNMENTAL PERSONNEL AGREEMENT FOR  
PROGRAM INVOLVING "RURAL CREDIT"  
FOR THE PERIOD 09-01-76 THROUGH 09-30-78  
AT A TOTAL COST OF \$65,854.84  
AWARD # NONE  
MSN BUS BUSINESS, SCH OF (144-J315) 31,942.17

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## RESEARCH

- 2) ANALYSIS OF COSTS AND BENEFITS OF IMPROVED WATER QUALITY FROM REDUCED AGRICULTURAL POLLUTION (REDUCTION DUE TO REDUCED SCOPE OF WORK) FOR THE PERIOD 10-01-76 THROUGH 09-30-77 AT A TOTAL COST OF \$3,460.00  
AWARD # 12-17-06-8-1605, MOD. 3  
MSN AG&LSC ECONOMICS (AGR) (144-J428) 8,540.00-
- 3) THE ORGANIZATION AND CONTROL OF U.S. FOOD PRODUCTION & DISTRIBUTION SYSTEM FOR THE PERIOD 10-01-77 THROUGH 09-30-78  
AWARD # 12-17-04-8-1069-X MOD 6  
MSN AG&LSC ECONOMICS (AGR) (144-K941) 12,000.00
5. AGRIC. FOREST SERVICE  
ST. PAUL, MN  
BIOLOGICAL EVALUATION OF RED PINE AND WHITE SPRUCE  
FOR THE PERIOD 10-17-77 THROUGH 01-01-78  
AWARD # P.O.#40-63WA-8-08  
MSN AG&LSC PLANT PATHOLOGY (144-K944) 2,400.00
6. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM  
ASHEVILLE, NC  
DEFENSE METEOROLOGICAL SATELLITE PROGRAM DATA ARCHIVING  
FOR THE PERIOD 10-01-77 THROUGH 09-30-78  
AWARD # 03-8-H01-0002  
MSN GRAD SPACE SCI&ENG CT (144-K984) 50,000.00
7. ILLINOIS COASTAL ZONE MANAGEMENT PROGRAM (P/C WITH COMM NOAA)  
CHICAGO, IL  
A STRATEGY FOR LAKE TROUT REHABILITATION IN ILLINOIS WATERS OF LAKE MICHIGAN  
FOR THE PERIOD 10-15-77 THROUGH 08-31-78  
AWARD # CONTRACT DTD 10/15/77  
MSN ENV ST MARINE STU CTR (144-K969) 30,961.00
8. WI BRD OF VOC TECH & ADULT EDUCATION (P/C WITH DHEW OE)  
MADISON, WI  
WISCONSIN OCCUPATIONAL INFORMATION SYSTEM-STATE BOARD CONTRIBUTION  
FOR THE PERIOD 10-01-77 THROUGH 06-30-78  
AWARD # 19-005-150-318  
MSN EDUC GENERAL ADMIN VOC STU CT (144-K746) 37,500.00
9. WI DEPT OF PUBLIC INSTRUCTION (P/C WITH DHEW OE)  
MADISON, WI  
IN SUPPORT OF THE FOLLOWING:
- 1) SECONDARY VOCATIONAL EDUCATION CURRICULUM RESOURCE UNIT  
FOR THE PERIOD 10-01-77 THROUGH 06-30-78  
AWARD # PAH 00804  
MSN EDUC GENERAL ADMIN VOC STU CT (144-K748) 22,103.00

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## RESEARCH

- 2) COOPERATIVE MEDIA REVIEW CENTERS  
FOR THE PERIOD 10-01-77 THROUGH 09-30-78  
AWARD # PAH 00863  
MSN EDUC GENERAL ADMIN DEANS OFF (144-K906) 16,238.00
- 3) OCCUPATIONS IN INTERIOR, APPAREL AND TEXTILE  
DESIGN: CAREER OPPORTUNITIES AND COMPETENCES  
FOR THE PERIOD 10-01-77 THROUGH 06-30-78  
AWARD # PAH 00808  
MSN FR&CS FAM RSR&CNSM SC (144-K943) 14,362.00
10. DHEW, OFFICE OF HUMAN DEVELOPMENT  
WASHINGTON, DC  
EXPANSION OF MULTIDISCIPLINARY RESEARCH: THE  
AGING WOMAN  
FOR THE PERIOD 09-30-77 THROUGH 09-29-78  
AWARD # 90-A-1230(01)  
MSN GRAD INST AGING&ADULT (144-K995) 130,871.00
11. DHEW, OFFICE OF THE SECRETARY  
WASHINGTON, DC  
THE INSTITUTE FOR RESEARCH ON POVERTY  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 015C-7701-P2021  
MSN L&S INST-RES ON POV (144-K985) 1,550,000.00
12. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) DIABETIC RETINOPATHY STUDY-READING CENTER  
FOR THE PERIOD 06-01-73 THROUGH 05-31-78  
AT A TOTAL COST OF \$919,386.00  
AWARD # NO1-EY-3-2130, MOD. 6  
MSN HS-MED OPHTHALMOLOGY (144-E186) 216,557.00
- 2) CLINICAL TRIAL TO EVALUATE EARLY VITRECTOMY  
IN DIABETIC RETINOPATHY  
FOR THE PERIOD 06-26-75 THROUGH 06-25-78  
AT A TOTAL COST OF \$144,909.00  
AWARD # NO1 EY 5-2140, MOD. 1  
MSN HS-MED OPHTHALMOLOGY (144-G727) 52,339.00
- 3) READING CENTER STUDY TO EVALUATE EARLY VITRECTOMY  
IN DIABETIC RETINOPATHY  
FOR THE PERIOD 06-26-75 THROUGH 06-25-78  
AT A TOTAL COST OF \$314,696.00  
AWARD # NO1 EY 5-2148, MOD. 2  
MSN HS-MED OPHTHALMOLOGY (144-G728) 155,155.00
- 4) CALCIUM-BINDING PROTEINS IN NERVOUS TISSUE  
FOR THE PERIOD 05-01-77 THROUGH 04-30-78  
AT A TOTAL COST OF \$66,208.00  
AWARD # 5 ROI NS11652-04, MOD. 1  
MSN HS-MED PEDIATRICS (144-J800) 329.00



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- 5) GENETIC CARDIOMYOPATHIES IN SALAMANDERS AND  
HAMSTERS  
FOR THE PERIOD 09-01-77 THROUGH 03-31-78  
AT A TOTAL COST OF \$32,415.00  
AWARD # 3 R01 HL22550-01S1  
MSN HS-MED ANATOMY (144-K729) 15,611.00
- 6) LONG-TERM STUDIES OF PREVENTION OF EPITHELIAL  
CANCER BY RETINOIDS (REDUCED TO REFLECT AMOUNT  
CURRENTLY ALLOTTED)  
FOR THE PERIOD 09-30-77 THROUGH 09-29-80  
AT A TOTAL COST OF \$129,998.00  
AWARD # N01 CP 75905  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-K753) 358,002.00-
- 7) POSTDOCTORAL FELLOWSHIP INSTITUTION ALLOWANCE  
FOR THE PERIOD 10-17-77 THROUGH 10-16-78  
AWARD # 1 F32 GM06036-01  
MSN HS-MED MEDICINE LAB-COMPUT (144-K946) 3,000.00
- 8) DETERMINATION OF TRANSFER RIBONUCLEIC ACID  
STRUCTURE  
FOR THE PERIOD 12-01-77 THROUGH 11-30-78  
AWARD # 5 R01 GM12395-14  
MSN GRAD MOLECULAR BIOL (144-K952) 68,411.00
- 9) POSTDOCTORAL FELLOWSHIP INSTITUTION ALLOWANCE  
FOR THE PERIOD 10-15-77 THROUGH 10-14-78  
AWARD # 5 F32 HL00516-02  
MSN HS-MED SURGERY THORACIC S (144-K963) 3,000.00
- 10) POSTDOCTORAL FELLOWSHIP INSTITUTION ALLOWANCE  
FOR THE PERIOD 09-16-77 THROUGH 09-15-78  
AWARD # 5 F32 CA05576-02  
MSN HS-MED ONCOLOGY (144-K964) 3,000.00
- 11) POSTDOCTORAL FELLOWSHIP INSTITUTION ALLOWANCE  
FOR THE PERIOD 11-01-77 THROUGH 10-31-78  
AWARD # 5 F32 HD05173-02  
MSN GRAD WAISMN RETARD CT (144-K966) 3,000.00
- 12) CORTICAL EFFECTS OF SENSORY DEPRIVATION  
FOR THE PERIOD 12-01-77 THROUGH 11-30-78  
AWARD # 5 R01 EY01277-04  
MSN HS-MED ANATOMY (144-K968) 41,756.00
- 13) STUDIES OF FIBRONECTIN AND RELATED GLYCOPROTEINS  
FOR THE PERIOD 12-01-77 THROUGH 11-30-78  
AWARD # 1 R01 HL21644-01  
MSN HS-MED MEDICINE HEMATOLOGY (144-K970) 63,438.00
- 14) ELECTRON MICROSCOPE FACILITY FOR BIOMEDICAL  
RESEARCH  
FOR THE PERIOD 12-01-77 THROUGH 11-30-78  
AWARD # 5 P41 RR00570-08  
MSN L&S ZOOLOGY (144-K979) 129,575.00

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- 15) PLACENTAL DRUG TRANSFER  
FOR THE PERIOD 01-01-78 THROUGH 12-31-78  
AWARD # 1 ROI HD11185-01A1  
MSN HS-MED PHYSIOLOGY (144-K987) 36,737.00
- 16) FETAL LUNG DEVELOPMENT IN THE DIABETIC PREGNANCY  
FOR THE PERIOD 01-01-78 THROUGH 12-31-78  
AWARD # 1 ROI HD11429-01  
MSN HS-MED PEDIATRICS (144-K988) 59,932.00
- 17) HYPOTHALAMIC CONTROL OF PUBERTY  
FOR THE PERIOD 12-01-77 THROUGH 11-30-78  
AWARD # 1 ROI HD11355-01  
MSN L&S PRIMATE RES CTR (144-K989) 54,584.00
- 18) DETERMINATION OF ENZYME MECHANISMS BY KINETIC  
STUDIES  
FOR THE PERIOD 01-01-78 THROUGH 12-31-78  
AWARD # 5 ROI GM18938-07  
MSN AG&LSC BIOCHEMISTRY (144-K990) 68,547.00
- 19) ENZYMIC SYNTHESIS OF FATTY ACIDS AND CHOLESTEROL  
FOR THE PERIOD 12-01-77 THROUGH 11-30-78  
AWARD # 5 ROI AM01383-22  
MSN HS-MED PHYSIOLOG CHEM (144-K991) 110,724.00
- 20) RADIATION IN VITRO & MAMMARY CELL SURVIVAL &  
NEOPLASIA  
FOR THE PERIOD 12-01-77 THROUGH 11-30-78  
AWARD # 5 ROI CA13881-06  
MSN HS-MED HUMAN ONCOLOGY (144-K993) 126,535.00
- 21) SURVEYS AND CENSUSES OF WEST AFRICAN RAIN FOREST  
PRIMATES  
FOR THE PERIOD 12-01-77 THROUGH 11-30-78  
AWARD # 5 ROI RR01055-02  
MSN L&S PRIMATE RES CTR (144-L003) 21,582.00
- 22) STRUCTURE AND REPLICATION OF DNA  
FOR THE PERIOD 01-01-78 THROUGH 12-31-78  
AWARD # 5 ROI GM141711-12  
MSN GRAD BIOPHYSICS (144-L007) 129,304.00
13. AMERICAN COLLEGE OF RADIOLOGY (P/C WITH DHEW PHS  
NIH)  
PHILADELPHIA, PA  
U.W.H. RTOG CANCER CONTROL CONTRACT  
FOR THE PERIOD 05-01-77 THROUGH 04-30-78  
AWARD # CONTRACT DTD 05/02/77  
MSN HS-MED HUMAN ONCOLOGY RAD THERAP (144-K983) 14,857.00
14. MARSHFIELD MEDICAL FOUNDATION (SUBCONTRACTOR WITH  
THE BOARD OF REGENTS OF THE UW-SYSTEM UNDER PRIME  
GRANT FROM WI DEPT OF HEALTH & SOCIAL SERVICES  
(P/C WITH DHEW SSA)  
MARSHFIELD, WI  
PRENATAL AND CLINICAL GENETIC SERVICES  
FOR THE PERIOD 07-01-77 THROUGH 06-30-78  
AT A TOTAL COST OF \$37,671.00  
AWARD # AGREEMENT DTD 11/18/77  
MSN HS-MED GENETICS (144-K281)

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15. DOD, AIR FORCE  
GRIFFISS AFB, NY  
TROPOSCATTER ANTENNA POSITIONER  
FOR THE PERIOD 07-15-77 THROUGH 07-14-78  
AT A TOTAL COST OF \$53,369.00  
AWARD # F30602-77-C-0148, MOD. P1  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-K419) 33,369.00
16. DOD, AIR FORCE  
HANSCOM AIR FORCE BASE, MA  
THEORETICAL INVESTIGATION OF REACTION RATES AND  
VIBRATIONAL DISTRIBUTION  
FOR THE PERIOD 08-01-73 THROUGH 09-30-78  
AT A TOTAL COST OF \$140,696.00  
AWARD # F19628-73-C-0274, MOD. P9  
MSN L&S PHYSICS (144-E435) 21,000.00
17. DOD, ARMY  
RESEARCH TRIANGLE PARK, NC  
IN SUPPORT OF THE FOLLOWING:
- 1) PHOTO-ACOUSTIC AND PHOTO-THERMAL EFFECTS IN  
IMPURITY SYSTEMS  
FOR THE PERIOD 11-15-75 THROUGH 11-14-78  
AT A TOTAL COST OF \$146,180.00  
AWARD # DAAG29-76-G-0100, MOD. 2  
MSN L&S PHYSICS (144-H218) 45,000.00
- 2) LIDAR MEASUREMENT OF BOUNDARY LAYER WINDS AND  
CONVECTIVE STRUCTURE  
FOR THE PERIOD 03-01-76 THROUGH 10-14-78  
AT A TOTAL COST OF \$152,968.00  
AWARD # DAAG29-76-G-0156  
MSN L&S METEOROLOGY (144-H396) 52,194.00
18. DOD, NAVY  
ARLINGTON, VA  
IN SUPPORT OF THE FOLLOWING:
- 1) STUDIES IN THE CONTROL THEORY AND STABILITY THEORY  
OF PARTIAL DIFFERENTIAL EQUATIONS  
FOR THE PERIOD 10-01-74 THROUGH 09-30-78  
AT A TOTAL COST OF \$62,000.00  
AWARD # N00014-75-C-0239, MOD. 3  
MSN L&S MATHEMATICS (144-G106) 17,000.00
- 2) ARCTIC OCEAN SEDIMENT CORE STUDIES  
FOR THE PERIOD 09-01-75 THROUGH 09-30-78  
AT A TOTAL COST OF \$82,438.00  
AWARD # N00014-76-C-0005, MOD. 3  
MSN L&S GEOL & GEOPHYSICS (144-G993) 28,247.00
19. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC  
ECOLOGICAL-BIOLOGICAL EFFECTS AND INTERACTIONS  
OF PESTICIDES IN A SOIL-PLANT-WATER MICROCOSM  
FOR THE PERIOD 11-01-77 THROUGH 10-31-78  
AWARD # R804920020  
MSN AG&L SC ENTOMOLOGY (144-K929) 79,895.00

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## RESEARCH

20. STATE HISTORICAL SOCIETY OF WISCONSIN (P/C  
WITH INTER, NATIONAL PARK SERVICE)  
MADISON, WI  
SURVEY AND NOMINATION WORK TO SUPPORT THE  
NATIONAL REGISTER OF HISTORIC PLACES PROGRAM  
IN WISCONSIN  
FOR THE PERIOD 10-24-77 THROUGH 12-31-77  
AWARD # HSH-612  
MSN G SERV PLANNING & CONST PLAN&CONST (144-L005) 420.00
21. NASA, GODDARD SPACE FLIGHT CENTER  
GREENBELT, MD  
REDUCTION & ANALYSIS OF DATA FROM "SOFT X-RAY BACK  
GROUND EXPERIMENT" TO BE FLOWN ABOARD THE OSO-I  
FOR THE PERIOD 06-26-75 THROUGH 09-30-79  
AT A TOTAL COST OF \$537,875.00  
AWARD # NAS5-22410, MOD. 11  
MSN GRAD SPACE SCI&ENG CT (144-G821) 25,000.00
22. NATIONAL ENDOWMENT FOR THE HUMANITIES  
WASHINGTON, D.C.  
THE MACROECONOMIC DETERMINANTS OF INEQUALITY:  
PAST AND PRESENT  
FOR THE PERIOD 09-01-78 THROUGH 08-31-79  
AWARD # RO-26772-78-19  
MSN L&S ECONOMICS (144-K949) 115,706.00
23. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) NIOBIUM BASED JOSEPHSON JUNCTIONS  
FOR THE PERIOD 03-15-75 THROUGH 04-30-80  
AT A TOTAL COST OF \$130,000.00  
AWARD # ENG74-24227, MOD. 2  
MSN ENGR ENGR EXPR STA EL&COMPUT (144-G269) 60,000.00
  - 2) KINETIC ISOTOPE EFFECTS AS A PROBE TO CHEMICAL  
REACTIVITY  
FOR THE PERIOD 12-01-75 THROUGH 05-31-79  
AT A TOTAL COST OF \$108,000.00  
AWARD # CHE75-21059, MOD. 2  
MSN L&S CHEMISTRY (144-H123) 36,000.00
  - 3) MOLECULAR ORBITAL CALCULATIONS FOR TRANSITION  
METAL COMPLEXES  
FOR THE PERIOD 11-15-75 THROUGH 05-31-79  
AT A TOTAL COST OF \$91,000.00  
AWARD # CHE75-17744, MOD. 2  
MSN L&S CHEMISTRY (144-H272) 31,000.00
  - 4) GASEOUS ELECTRON AND ION STUDIES EMPLOYING VUV  
SYNCHROTRON RADIATION AND MONOENERGETIC ELECTRON  
EXCITATION  
FOR THE PERIOD 02-01-76 THROUGH 07-31-79  
AT A TOTAL COST OF \$72,000.00  
AWARD # CHE76-01971, MOD. 2  
MSN L&S CHEMISTRY (144-H393) 22,000.00

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5)	TIME AND SPACE: A MULTI-DIMENSIONAL APPROACH FOR THE PERIOD 01-01-78 THROUGH 06-30-79 AWARD # BNS77-12988 MSN L&S ANTHROPOLOGY	(144-K947)	32,400.00
6)	HIGH-RESOLUTION SPECTROSCOPIC STUDIES IN AERONOMY FOR THE PERIOD 11-01-77 THROUGH 04-30-79 AWARD # ATM77-20371 MSN L&S PHYSICS	(144-K996)	67,200.00
24.	UNIVERSITY OF MAINE (P/C WITH NSF) ORONO, ME RELATIVE CHRONOLOGY OF ANTARCTIC SOILS AND RELATED PEDOLOGICAL STUDIES FOR THE PERIOD 10-01-77 THROUGH 09-30-78 AWARD # NONE MSN AG&LSC SOILS	(144-K951)	19,993.00
25.	WI DEPT OF TRANSPORTATION (P/C WITH TRANS) MADISON, WI DRIVER IMPROVEMENT PROGRAM EVALUATION FOR THE PERIOD 01-01-77 THROUGH 06-01-78 AT A TOTAL COST OF \$36,125.00 AWARD # TRG02606, MOD. 1 MSN L&S STATISTICS	(144-J575)	10,625.00
26.	FAYE MCBEATH FOUNDATON MILWAUKEE, WI NUTRITION AND FOOD COMPONENT IN QUALITY OF CARE AND LIFE IN NURSING HOMES DURING THE PERIOD 07-01-77 THRU 06-30-78 MSN GRAD INST AGING&ADULT	(133-A093)	18,708.00
27.	CANCER RESEARCH- MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	
	20.00 MULTIPLE DONORS IN MEMORY OF JOSEPH ALLARA, SAN FRANCISCO, CA		
	17.04 MULTIPLE DONORS IN MEMORY OF MRS. GENEVIVE BUSSIAN, DEFOREST, WI		
	71.00 MULTIPLE DONORS IN MEMORY OF MR. FAXON, DETROIT, MI		
	408.00 MULTIPLE DONORS IN MEMORY OF WILLIAM J. KEATING, WHITEFISH BAY, WI		
	125.00 MULTIPLE DONORS IN MEMORY OF VIRGINIA KOCH NAGLE AND MILTON KOCH, MADISON, WI		
	50.00 MULTIPLE DONORS		
	20.00 MULTIPLE DONORS IN MEMORY OF MRS. MARTHA LEBOKKEN, GALESVILLE, WI		
	25.00 MULTIPLE DONORS IN MEMORY OF MRS. JOHN KLINE		
	5.00 MULTIPLE DONORS IN MEMORY OF MARY BROOKINS, JANESVILLE, WI		
	200.00 MULTIPLE DONORS IN MEMORY OF PAUL W. BAUHS, SOUTH MILWAUKEE, WI		
	10.00 MULTIPLE DONORS IN MEMORY OF LLOYD FRANK, MADISON, WI		
	20.00 MULTIPLE DONORS IN MEMORY OF JEFF WANNER, PITTSBURGH, PA		
	25.00 MULTIPLE DONORS IN MEMORY LOUIS MCGANN, MADISON, WI		
	42.00 MULTIPLE DONORS IN MEMORY OF MRS. BETTY KLINE, MADISON, WI		

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

## RESEARCH

27.	CANCER RESEARCH- MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	
	413.00	MULTIPLE DONORS IN MEMORY OF LOUIS C. MCGANN, MADISON, WI	
			1,451.04
28.	CANCER RESEARCH MSN HS-MED	(133-A251)	
	300.00	UNITED WAY SOUTH WOOD COUNTY, INC. WISCONSIN RAPIDS, WI	
	534.00	SCHWAN'S SALES ENTERPRISES, INC. MARSHALL, MN	
	5.00	MULTIPLE DONORS IN MEMORY OF CLARENCE BOLHOUS, FULTON, IL	
			839.00
29.	SCHWAN'S SALES ENTERPRISES, INC. MARSHALL, MN HEART RESEARCH MSN HS-MED	(133-A252)	533.00
30.	WINNECONNE AREA UNITED FUND, INC. WINNECONNE, WI GENERAL MEDICAL RESEARCH MSN HS-MED	(133-A253)	325.00
31.	UNITED NATIONS DEVELOPMENT PROGRAM NEW YORK, NY APPLIED METROLOGY PROGRAM DURING THE PERIOD 05-15-75 THRU 07-14-78 REDUCED TO \$289,603 LEVEL TO REFLECT LOCAL PROJECT COSTS PAID DIRECTLY BY THE DONOR AWARD # CONTRACT SIN-74-008 MSN ENGR ENGR EXPER STA FOREIGN PR	(133-A356)	55,697.00-
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GYNECOLOGY AND OBSTETRICS RESEARCH AND DEVELOPMENT FUND MSN HS-MED GYNECOL & OBSTET	(133-A522)	10,175.16
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF DIAGNOSTIC RADIOLOGY MSN HS-MED RADIOLOGY	NUCL MED (133-A529)	9,700.00
34.	MULTIPLE DONORS ESTROGEN-RECEPTOR ASSAY ACCOUNT MSN HS-MED HUMAN ONCOLOGY	(133-A826)	4,800.00

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

## RESEARCH

35.	MULTIPLE DONORS SOIL DECLEGGING RESEARCH MSN AG&LSC SOILS	(133-A862)	300.00
36.	THE FORD FOUNDATION NEW YORK, NY RURAL-TO-RURAL MIGRATION IN WESTERN NEPAL FOR THE PERIOD 06-01-76 THRU 05-30-78 AT A \$15,115 PROJECT LEVEL MSN L&S ANTHROPOLOGY	(133-A964)	5,125.00
37.	MULTIPLE DONORS GENERAL WASTE MANAGEMENT STUDIES MSN AG&LSC NAT RESOURCES WASTE S AD	(133-B112)	98.32
38.	ZENA COMPANY SOUTH PLAINFIELD, NJ PRACTICAL USE AND APPLICATION OF A TACHEOMETER AS APPLIED TO AMERICAN SURVEYING PRACTICE MSN ENGR ENGR EXPER STA CIVIL&ENV	(133-B205)	170.00
39.	XEROX CORPORATION STAMFORD, CT FELLOWSHIP IN CHEMICAL ENGINEERING IN THE AREA OF POLYMER SCIENCE AND RHEOLOGY MSN ENGR CHEMICAL ENGR	(133-B221)	8,000.00
40.	THE UPJOHN COMPANY KALAMAZOO, MI IBUPROFEN IN DYSMENORRHEA (PROTOCOL #2317) MSN HS-MED GYNECOL & OBSTET	(133-B288)	5,000.00
41.	HOFFMAN-LA ROCHE, INC. NUTLEY, NJ STUDY OF ESTRAMUSTINE PHOSPHATE THERAPY IN CARCINOMA OF PROSTRATE MSN HS-MED SURGERY UROLOGY	(133-B357)	43,017.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARDIOPULMONARY STUDIES MSN AG&LSC VETERINARY SCI	(133-B408)	6,000.00
43.	WEYERHAEUSER COMPANY SEATTLE, WA DURABILITY STUDIES ON BONDED WOOD MSN ENGR ENGR EXPER STA CHEM ENGR	(133-B432)	7,500.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PEDIATRIC IMMUNOLOGY RESEARCH MSN HS-MED PEDIATRICS	(133-B490)	5,241.70
45.	STERLING-WINTHROP RESEARCH INSTITUTE REMSSELAER, NY RESEARCH STUDY WITH OXARBAZOLE (WIN 34284) MSN HS-MED PREVENTIVE MED	(133-B718)	8,150.00

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

## RESEARCH

46.	MULTIPLE DONORS RESEARCH AND PATIENT CARE MSN HS-HSP ADMINISTRATION ADMIN	(133-8835)	218.06
47.	MULTIPLE DONORS FURTHER DEPARTMENT OF ANATOMY RESEARCH PROGRAMS MSN HS-MED ANATOMY	(133-8872)	2,200.00
48.	AMERICAN COLLOID COMPANY SKOKIE, IL EFFECT OF SODIUM BENTONITE ON THE RETENTION TIME OF INGESTA IN THE GASTROINTESTINAL TRACT AND FLOW OF AMINO ACIDS TO THE DUODENUM MSN AG&LSC DAIRY SCIENCE	(133-8932)	6,000.00
49.	CLINICAL CONVENIENCE PRODUCTS, INC. MADISON, WI ENVIRONMENTAL SITE MODIFICATIONS FOR SEVERELY DISABLED INDIVIDUALS FOR THE PERIOD 09-01-77 THRU 02-28-78 MSN GRAD WAISMN RETARD CT	(133-8933)	10,000.00
50.	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 10-01-77 THRU 06-30-78 AWARD # P.O. #GAH 34168 MSN ENGR ENGR EXPER STA INDUS ENGR	(133-8937)	7,541.65
51.	LILLY (ELI) AND COMPANY INDIANAPOLIS, IN STUDY RUMINAL FERMENTATION IN FINISHING CATTLE MSN AG&LSC MEAT&ANIMAL SCI	(133-8940)	9,000.00
52.	M & M 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)	4,150.00
53.	RESEARCH CORPORATION NEW YORK, NY EXCITED STATE PROPERTIES OF SEMICONDUCTOR ELECTRODES AND THEIR APPLICATION TO OPTICAL ENERGY CONVERSION AWARD # 8499 MSN L&S CHEMISTRY	(133-8942)	14,000.00
54.	INSURANCE INSTITUTE FOR HIGHWAY SAFETY WASHINGTON, DC STUDY OF FACIAL INJURIES IN DANE COUNTY, WISCONSIN FOR THE PERIOD 09-01-77 THRU 12-31-79 AWARD # PROJ. NO. 6676 MSN ENGR ENGR EXPER STA INDUS ENGR	(133-8943)	57,414.00



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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

55. THE INGERSOLL MILLING MACHINE COMPANY  
ROCKFORD, IL  
TRANSFER LINE SLIDE FEED AND CONTROL  
FOR THE PERIOD 10-01-77 THRU 09-30-78  
MSN ENGR ENGR EXPER STA MECH ENGR (133-B947) 10,000.00
56. SIOUX HONEY ASSOCIATION  
SIOUX CITY, IA  
STUDY OF HONEY AS A POSSIBLE SOURCE OF  
CLOSTRIDIUM BOTULINUM SPORES  
MSN AG&LSC FOOD MICRO&TOXIC (133-B948) 20,000.00
57. CHR. HANSEN'S LABORATORY, INC.  
MILWAUKEE, WI  
COMPARISON OF "DIRECT-VAT-SET" (DVS) CULTURES  
WITH "BULK-SET" CULTURE CONCENTRATES ON  
COMPOSITION, YIELD AND QUALITY OF CHEDDAR CHEESE  
MSN AG&LSC FOOD SCIENCE (133-B949) 28,700.00
58. RESEARCH COUNCIL OF ALBERTA  
EDMONTON, ALBERTA, CANADA  
DETERMINE RESPONSES OF BLACK BEARS TO  
HABITAT ALTERATION, ENVIRONMENTAL DISTURBANCES  
AND OPEN PIT REFUSE DISPOSAL IN THE COLD LAKE  
AREA OF ALBERTA, CANADA  
MSN AG&LSC NAT RESOURCES WLIFE ECOL (133-B951) 3,677.82
59. DOW/CHEMICAL U.S.A.  
GENSEO, IL  
EFFECT OF NITRIFICATION INHIBITORS, PARTICULARLY  
NITRAPYRIN, ON DENITRIFICATION IN SOILS  
MSN AG&LSC SOILS (133-B952) 8,000.00
60. WESTWOOD PHARMACEUTICALS INC.  
BUFFALO, NY  
DISCRETIONARY FUND IN THE DEPARTMENT OF  
DERMATOLOGY  
MSN HS-MED MEDICINE DERMATOLGY (133-B954) 2,000.00
61. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON,  
REPRESENTING A TRANSFER OF FUNDS FROM THE  
NATIONAL FOUNDATION  
SALARY SUPPORT FOR A VISITING ASSISTANT  
PROFESSOR FROM ISRAEL IN THE DEPARTMENT OF  
IMMUNOBIOLOGY FOR THE PERIOD 04-01-77 THRU  
03-31-78  
MSN HS-MED LYMPHOBIOL PROG (133-B955) 15,000.00
62. STATE WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES  
MADISON, WI  
LAKE EUTROPHICATION STUDIES  
AWARD # P.O. #NRH 93696  
MSN ENGR ENGR EXPER STA CIVIL&ENV (133-B957) 1,200.00

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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

63.	UPJOHN COMPANY, KALAMAZOO, MI DISCRETIONARY RESEARCH SUPPORT MSN HS-MED SURGERY	NEUROSURG	(133-8958)	1,000.00
64.	MULTIPLE DONORS SUPPORT CENTER FOR THE STUDY OF ORGANIZATIONAL PERFORMANCE MSN BUS	BUSINESS, SCH OF	(133-3516)	36.42
65.	MULTIPLE DONORS LEUKEMIA RESEARCH-DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS		(133-3535)	5.00
66.	SCHWAN'S SALES ENTERPRISES, INC. MARSHALL, MN MULTIPLE SCLEROSIS RESEARCH MSN HS-MED		(133-4349)	533.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC		(133-5328)	200,000.00
68.	MULTIPLE DONORS STAPHYLOCOCCUS ENTEROTOXIN RESEARCH MSN AG&LSC FOOD MICRO&TOXIC		(133-5654)	374.00
69.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED		(133-5671)	300.00
70.	TRANE COMPANY FOUNDATION LA CROSSE, WI SUPPORT UNDERGRADUATE RESEARCH PROJECTS IN DEPARTMENT OF MECHANICAL ENGINEERING MSN ENGR ENGR EXPER STA MECH ENGR		(133-6353)	1,000.00
71.	NEW ENGLAND NUCLEAR CORPORATION BOSTON, MA SUPPORT OF RESEARCH IN DEPARTMENT OF PHARMACOLOGY MSN HS-MED PHARMACOLOGY		(133-6748)	4,300.00
72.	MULTIPLE DONORS BIODYNAMICS LABORATORY RESEARCH PROGRAM MSN EDUC PHY ED & DANCE BIODYN LAB		(133-7153)	125.00
73.	MULTIPLE DONORS RESEARCH ON SEED TREATMENT OF OATS MSN AG&LSC PLANT PATHOLOGY		(133-7961)	400.00
74.	LEWIS/HOWE COMPANY ST. LOUIS, MO STUDIES OF DIVALENT CATIONS IN ANTACID PHARMACOLOGY MSN HS-MED MEDICINE	GASTROENT	(133-8285)	14,525.00

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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

75. MULTIPLE DONORS  
HERBICIDE RESEARCH PROGRAM  
MSN AG&LSC AGRONOMY (133-9070) 1,500.00
76. CONSOLIDATED PAPERS, INC.  
WISCONSIN RAPIDS, WI  
PAPER PROFILE CHARACTERIZATION  
MSN ENGR ENGR EXPER STA MECH ENGR (133-9080) 10,000.00
77. MULTIPLE DONORS  
BASIC RESEARCH IN CORN BREEDING  
MSN AG&LSC AGRONOMY (133-9188) 222.97
78. SUPPORT CANCER RESEARCH IN THE CLINICAL CANCER  
CENTER  
MSN HS-MED HUMAN ONCOLOGY (133-9268)
- |        |  |        |
|--------|--|--------|
| 320.00 | MULTIPLE DONORS IN MEMORY OF<br>MRS. MARILYN GONIGAM, WALNUT, IL               |        |
| 10.00  | MULTIPLE DONORS IN MEMORY OF<br>MRS. MARGE RUETER, MADISON, WI                 |        |
| 25.00  | MULTIPLE DONORS IN MEMORY OF<br>JAMES WALCH, WISCONSIN DELLS, WI               |        |
| 122.00 | MULTIPLE DONORS IN MEMORY OF<br>MRS. FERNE NEHLS                               |        |
| 3.00   | MULTIPLE DONORS  |        |
| 5.00   | MULTIPLE DONORS IN MEMORY<br>OF ERNEST KROENING AND WALLACE KASHIK, ALGOMA, WI |        |
| 20.00  | MULTIPLE DONORS IN MEMORY OF<br>ETHEL PRIMAKOW, MILWAUKEE, WI                  |        |
| 5.00   | MULTIPLE DONORS IN MEMORY OF<br>MRS. G. SMOKOVITZ                              |        |
|        |  | 510.00 |
79. BRUNSWICK FOUNDATION, INC.  
SKOKIE, IL  
BRUNSWICK FOUNDATION FELLOWSHIP IN THE DEPARTMENT  
OF MECHANICAL ENGINEERING  
MSN ENGR ENGR EXPER STA MECH ENGR (133-9631) 3,606.00
80. SMITH KLINE ANIMAL HEALTH PRODUCTS  
WEST CHESTER, PA  
STUDY OF OXIBENDAZOLE PREMIX AGAINST THE LARVAL  
STAGES AND ADULTS OF GASTROINTESTINAL NEMATODES OF  
CATTLE  
MSN AG&LSC VETERINARY SCI (133-9780) 3,000.00

## STUDENT AID

1. MULTIPLE DONORS  
PAUL H. PHILLIPS MEMORIAL SCHOLARSHIP  
IN BIOCHEMISTRY-MADISON CAMPUS ( TRUST ) 337.75 ~~4~~

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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

2.	MR. AND MRS. MAX W. CARBON, MADISON, WI HUMAN RESOURCES EDUCATIONAL FUND	( TRUST )	95.00
3.	LOUISE C. SMITH, MADISON WI., \$10, EUGENIA A. SCHOEN, MADISON, WI, \$50, PHILIP S. DAUB, MADISON, WI, \$15 JEANNE HAUNSCHILD WOODRUFF MEMORIAL FUND SCHOOL OF NURSING-MADISON	( TRUST )	75.00
4.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI ARTHUR L. WADSWORTH SCHOLARSHIP FUND MSN BUS BUSINESS, SCH OF	(135-0028)	1,500.00 <i>S</i>
5.	TEXACO, INC. NEW YORK, NY TEXACO FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR	(133-A028)	3,818.00 <i>J</i>
6.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ROBERT AND ELAINE POTT FOUNDATION SCHOLARSHIP FOR DESERVING ENGINEERING UNDERGRADUATES MSN ENGR ADMINISTRATION	(133-A715)	2,800.00 <i>S</i>
7.	GENERAL MOTORS CORPORATION DETROIT, MI GENERAL MOTORS SCHOLARSHIP PLAN MSN ENGR ADMINISTRATION	(133-B280)	20,224.00 <i>S</i>
8.	WEYERHAEUSER COMPANY FOUNDATION TACOMA, WA WEYERHAEUSER COMPANY FOUNDATION PREDOCTORAL FELLOWSHIP PROGRAM MSN ENGR ENGR EXPER STA ADMIN	(133-B936)	7,000.00 <i>J</i>
9.	BANK OF BIRNAMWOOD BIRNAMWOOD, WI FARM AND INDUSTRY SHORT COURSE SCHOLARSHIPS MSN AG&LSC ADM-RESID INSTR	(133-B953)	100.00 <i>S</i>
10.	THE FRANK ROGERS BACON FOUNDATION MILWAUKEE, WI GRADUATE FELLOWSHIPS AND UNDERGRADUATE SCHOLARSHIPS IN THE DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING MSN ENGR ELEC & COMP ENGR	(133-0147)	16,453.08
11.	WISCONSIN PUBLIC SERVICE CORPORATION GREEN BAY, WI WISCONSIN PUBLIC SERVICE CORPORATION FARM SHORT COURSE SCHOLARSHIP MSN AG&LSC ADM-RESID INSTR	(133-0186)	3,500.00 <i>S</i>

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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

- |     |  |          |
|-----|--|----------|
| 12. | BATES & ROGERS FOUNDATION<br>CHICAGO, IL<br>BATES AND ROGERS CIVIL ENGINEERING SCHOLARSHIP AWARDS<br>MSN G SERV FELLOWS & SCHOLS (133-1129)  | 1,300.00 |
| 13. | PIERCE-ST. CROIX COUNTY BANKERS ASSOCIATION<br>GLENWOOD CITY, WI<br>FARM AND INDUSTRY SHORT COURSE SCHOLARSHIP<br>MSN AG&LSC ADM-RESID INSTR (133-2731)  | 200.00   |
| 14. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>PELTON STEEL SCHOLARSHIPS FOR UNDERGRADUATE STUDENTS IN METALLURGICAL AND MINERALS ENGINEERING<br>MSN G SERV FELLOWS & SCHOLS (133-2987)  | 1,500.00 |
| 15. | GRADUATE SCHOOL OF BANKING<br>MADISON, WI<br>GRADUATE SCHOOL OF BANKING SCHOLARSHIP FUND<br>MSN BUS BUSINESS, SCH OF (133-3821)  | 1,501.52 |
| 16. | HARRY J. GRANT FOUNDATION<br>MILWAUKEE, WI<br>SCHOOL OF JOURNALISM AND MASS COMMUNICATION<br>SCHOLARSHIP AID<br>MSN L&S JOURN&MASS COMM (133-4740)   | 4,800.00 |
| 17. | WISCONSIN CHAPTERS<br>AFS RESEARCH SCHOLARSHIP FOUNDATION<br>MILWAUKEE, WI<br>GRADUATE SCHOLARSHIP IN ENGINEERING<br>MSN ENGR (133-7853)   | 1,250.00 |
| 18. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>SCHOOL OF NURSING SCHOLARSHIP FUND<br>MSN G SERV FELLOWS & SCHOLS (133-8872)  | 1,150.00 |
| 19. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>MINORITY ENGINEERING SCHOLARSHIP FUND<br>MSN G SERV FELLOWS & SCHOLS (133-8953)   | 500.00   |
| 20. | WISCONSIN RURAL REHABILITATION CORPORATION<br>MADISON, WI<br>FARM AND INDUSTRY SHORT COURSE SCHOLARSHIPS<br>MSN AG&LSC ADM-RESID INSTR (133-9540)  | 5,250.00 |
| 21. | WISCONSIN RURAL REHABILITATION CORPORATION<br>MADISON, WI<br>GRADUATE FELLOWSHIPS FOR THE FIRST SEMESTER OF ACADEMIC YEAR 1977-78 FOR PURPOSE OF ASSISTING NURSES WHO HAVE PRACTICED SUCCESSFULLY IN RURAL AREAS TO FURTHER IMPROVE THEIR ABILITIES WHICH IN TURN MAY IMPROVE THEIR SERVICE TO PEOPLE LIVING IN RURAL AREAS AND TO FARM FAMILIES IN PARTICULAR<br>MSN HS-NUR ADMINISTRATION ADMIN (133-9973) | 2,000.00 |

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UNIVERSITY OF WISCONSIN - MADISON

UNRESTRICTED

1. THE ROCKEFELLER FOUNDATION,  
NEW YORK, NY  
MADISON CAMPUS CHANCELLOR'S UNRESTRICTED FUND  
( TRUST ) 22,000.00

TOTAL MADISON 4,578,682.21  
=====

INSTRUCTION	196,447.00
LIBRARIES	2,072.00
MISCELLANEOUS	128,631.55
RESEARCH	4,154,177.31
STUDENT AID	75,354.35
UNRESTRICTED	22,000.00



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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## EXTENSION AND PUBLIC SERVICE

1. MULTIPLE DONORS  
SUPPORT OF THE INSTITUTE OF WORLD AFFAIRS  
MIL URBN O INSTIT WORLD AFF (133-9244) 1,570.10

## GIFT-IN-KIND

1. DAVID SAWICKI  
JOURNAL OF THE AMERICAN INSTITUTE OF PLANNERS  
MILWAUKEE, WI  
GIFT OF BOOKS, JOURNAL ISSUES, AND OTHER  
PUBLICATIONS DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
2. DR. WERNER A. BAUM  
MILWAUKEE, WI  
GIFT OF FIFTY-TWO (52) BIBLIOGRAPHIC ITEMS  
TO THE UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
3. JAMES PLATT  
MILWAUKEE, WI  
GIFT OF EIGHTEEN HARDBOUND VOLUMES DONATED TO  
THE UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
4. CONSTANCE CARMODY  
MOUNT HOPE, WI  
GIFT OF ONE HUNDRED NINETEEN (119) BIBLIOGRAPHIC  
ITEMS DONATED TO THE UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
5. HOWARD PINCUS  
MILWAUKEE, WI  
GIFT OF THIRTEEN (13) BIBLIOGRAPHIC ITEMS DONATED  
TO THE UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
6. HOWARD J. PINCUS  
MILWAUKEE, WI  
GIFT OF ELEVEN (11) BIBLIOGRAPHIC ITEMS DONATED  
TO THE UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
7. HOWARD PINCUS  
MILWAUKEE, WI  
GIFT OF ANSI STANDARD METRIC PRACTICE GUIDE, ASTM  
RECOMMENDATIONS ON FORM OF ASTM STANDARDS, AND  
REGULATIONS GOVERNING ASTM TECHNICAL COMMITTEES,  
DONATED TO THE UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY

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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## GIFT-IN-KIND

8. HOWARD PINCUS  
MILWAUKEE, WI  
GIFT OF ONE HUNDRED FORTY-ONE (141) BIBLIOGRAPHIC  
ITEMS DONATED TO THE UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
9. ROSS PLAETZER  
MILWAUKEE, WI  
GIFT OF ONE (1) COPY OF "TABLES OF FUNCTIONS  
WITH FORMULAE AND CURVES" DONATED TO THE UWM  
LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
10. WALTHER RICHTER  
MILWAUKEE, WI  
GIFT OF FIFTY-TWO (52) VOLUMES DONATED TO THE  
UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
11. SISTER FERDINELLE KINZER  
DIVINE SAVIOR-HOLY ANGELS HIGH SCHOOL  
MILWAUKEE, WI  
GIFT OF VARIOUS LIBRARY JOURNALS DONATED TO THE  
UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
12. RONALD CREWE  
MILWAUKEE, WI  
GIFT OF FOUR HUNDRED SEVEN (407) BIBLIOGRAPHIC  
ITEMS DONATED TO THE UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
13. EMILY LEADINGHAM  
MILWAUKEE, WI  
GIFT OF ONE HUNDRED THIRTEEN (113) BIBLIOGRAPHIC  
ITEMS DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
14. MRS. ALLEN RIESELBACH  
MILWAUKEE, WI  
GIFT OF THREE VOLUMES DONATED TO THE UWM  
LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
15. LARRY WENGER  
MILWAUKEE, WI  
GIFT OF NINETEEN (19) BIBLIOGRAPHIC ITEMS  
DONATED TO THE UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY



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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## GIFT-IN-KIND

16. THE ESTATE OF HILDA BECHER  
C/O MRS. HAROLD BECHER  
MILWAUKEE, WI  
GIFT OF ONE HUNDRED SEVENTY-THREE (173) GERMAN  
VOLUMES DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
17. IHAB HASSAN  
MILWAUKEE, WI  
GIFT OF ONE COPY OF "ESSAYS: LITERARY AND  
CRITICAL" DONATED TO THE UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
18. ALAN BATE  
MILWAUKEE, WI  
GIFT OF VARIOUS BIBLIOGRAPHIC ITEMS DONATED  
TO THE UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
19. VINTON BACON  
MILWAUKEE, WI  
GIFT OF EIGHTEEN (18) BIBLIOGRAPHIC ITEMS DONATED  
TO THE UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
20. JOAN BUTLER  
MILWAUKEE, WI  
GIFT OF TWO BIBLIOGRAPHIC ITEMS DONATED TO  
THE UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
21. CAROL BAUMANN  
MILWAUKEE, WI  
GIFT OF TWENTY (20) BIBLIOGRAPHIC ITEMS DONATED  
TO THE UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY
22. VICTOR GREENE  
MILWAUKEE, WI  
GIFT OF ONE HUNDRED FORTY (140) ISSUES OF VARIOUS  
ETHNIC NEWSPAPERS AND ONE (1) COPY OF "SLAVERY:  
A PROBLEM IN AMERICAN INSTITUTIONAL AND  
INTELLECTUAL LIFE"  
AWARD # NONE  
MIL LIBR LIBRARY
23. KRIS ELFE  
MILWAUKEE, WI  
GIFT OF TWENTY-FIVE (25) VOLUMES DONATED TO THE  
UWM LIBRARY  
AWARD # NONE  
MIL LIBR LIBRARY

GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - MILWAUKEE

## GIFT-IN-KIND

24. UWM FOUNDATION  
(GLADYS STONE WIRTH -- ACCOUNT #830)  
GIFT OF FURNITURE AND ROOM DIVIDERS FOR UWM  
SCHOOL OF NURSING DEMONSTRATION APARTMENT  
AWARD # NONE  
MIL NURS NURSING

## INSTRUCTION

1. DHEW, OFFICE OF EDUCATION  
WASHINGTON, D.C.  
TITLE VI-A INSTRUCTIONAL EQUIPMENT GRANTS  
PROGRAM - CATEGORY 1  
FOR THE PERIOD 06-28-77 THROUGH 06-30-78  
AWARD # J007701545  
MIL LIBR LIBRARY (144-K930) 5,000.00
2. JUSTICE, LAW ENFORCEMENT ASSISTANCE ADMINISTRATION  
WASHINGTON, D.C.  
CRIMINAL JUSTICE TRAINING CENTER FOR LEAA SERVICE  
AREA B  
FOR THE PERIOD 11-16-77 THROUGH 11-15-78  
AWARD # 78MU-AX-0001  
MIL S WELF SOCIAL WELFARE (144-K977) 420,583.00
3. NATIONAL ASSOCIATION OF SECONDARY SCHOOL  
PRINCIPALS  
RESTON, VIRGINIA  
SECONDARY SCHOOL ACTIVITIES ADVISERS SEMINAR  
MIL EDUC ADMINISTRATION (133-A440) 511.36
4. WISCONSIN SOCIETY FOR JEWISH LEARNING, INC.  
MILWAUKEE, WISCONSIN  
FURTHER DEVELOPMENT OF OFFERINGS IN THE DEPARTMENT  
OF HEBREW STUDIES  
MIL L&S HEBREW STU (133-B757) 1,750.00

## MISCELLANEOUS

1. GOVERNOR'S COMMISSION ON THE UNITED NATIONS  
SUPPORT FOR ADMINISTRATION OF ACTIVITIES AND  
PROGRAMS OF THE GOVERNOR'S COMMISSION ON THE  
U.N. AND WISCONSIN DIVISION, UNA/USA  
MIL URBN O INSTIT WORLD AFF (133-A408) 500.00
2. VARIOUS DONORS  
UWM - OFFICE OF SPONSORED RESEARCH INFORMATION  
CENTER ACCOUNT.  
MIL GRAD SPONSORED RESRCH SPNSRD RES (133-B748) 25.00
3. KATHLEEN WOODWARD  
MILWAUKEE, WISCONSIN  
CHAIRMAN'S DISCRETIONARY ACCOUNT  
MIL L&S ENGLISH (133-B754) 150.00

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

## MISCELLANEOUS

4. NATIONAL PUBLIC RADIO  
WASHINGTON, D.C.  
OPTIONS IN EDUCATION  
MIL L&S MASS COMMUNICATN WUWM-GEN (133-B756) 1,800.00
5. VARIOUS DONORS  
HELEN C. CAREY FUND (II)  
MIL S WELF SOCIAL WELFARE (133-5760) 435.00

## RESEARCH

1. DOD, ARMY  
WASHINGTON, D.C.  
SYNTHESIS OF ANTIMALARIAL AGENTS FROM 2,  
3-DIHYDRO -1, 6-DIAZAPHENALENE DERIVATIVES  
FOR THE PERIOD 10-01-77 THROUGH 09-30-78  
MIL L&S CHEMISTRY (144-K945) 44,432.00
2. DOD, AIR FORCE  
BOLLING AIR FORCE BASE, D.C.  
IN SUPPORT OF THE FOLLOWING:
- 1) SURFACE WAVE INVESTIGATION OF SUPERCONDUCTING  
ALLOYS  
FOR THE PERIOD 10-01-75 THROUGH 09-30-78  
AWARD # AFOSR 76 2893 B  
MIL L&S PHYSICS (144-H141) 49,951.00
- 2) ELECTROMIGRATION AND THERMOMIGRATION IN METALS  
FOR THE PERIOD 06-30-76 THROUGH 09-30-78  
AWARD # AFOSR-76-3082 B  
MIL L&S PHYSICS (144-J078) 29,822.00
3. NATIONAL ENDOWMENT FOR THE ARTS  
WASHINGTON, D.C.  
FILM CONFERENCE IV: THE CINEMATIC APPARATUS:  
TECHNOLOGY AS HISTORICAL AND IDEOLOGICAL FORM  
FOR THE PERIOD 09-01-77 THROUGH 06-30-78  
AWARD # R7034201N  
MIL L&S TWENTIETH CEN ST (144-K922) 8,450.00
4. MILWAUKEE PUBLIC MUSEUM, P/C WITH NEH  
MILWAUKEE, WI  
GEOLOGICAL INVESTIGATIONS OF TELL HADIDI, SYRIA  
FOR THE PERIOD 03-01-77 THROUGH 02-28-79  
AWARD # RO-26654-77-394  
MIL GRAD GT LKS STU CTR F GT LKS STU (144-K713) 1,400.00
5. WINDWORKS, INC.  
MUKWONAGO, WISCONSIN  
DESIGN OF COMPONENTS - 8KW WIND TURBINE GENERATOR  
MIL ENG&AS SYSTEMS-DESIGN (133-B755) 11,110.00
6. (VARIOUS) GILES ENGINEERING ASSOCIATION  
WAUKESHA, WISCONSIN  
STRUCTURAL CONTRACT WORK-TRIAxIAL TESTING  
MIL ENG&AS MECHANICS (133-9372) 300.00

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

## STUDENT AID

- |    |  |           |           |
|----|--|-----------|-----------|
| 1. | VARIOUS DONORS<br>WAUWATOSA, WI<br>HELEN C. CAREY MEMORIAL TRUST FUND<br>AWARD # NONE  | ( TRUST ) | 73.00     |
| 2. | A. CLARKE HAGENSICK &<br>SARAH C. ETTENHEIM<br>MILWAUKEE, WI<br>GEORGE P. ETTENHEIM TRUST FUND<br>AWARD # NONE   | ( TRUST ) | 60.00     |
| 3. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WISCONSIN<br>SCHOLARSHIP ASSISTANCE FOR UWM UNDERGRADUATES<br>MIL SS&S P STUDENT SERVICES FE&SCHOLS (133-A405)                        |           | 11,500.00 |
| 4. | EASTMAN KODAK COMPANY<br>ROCHESTER, NEW YORK<br>SCHOLARSHIP(S) FOR STUDENT(S) MAJORING IN<br>MATHEMATICS, BASED ON ACADEMIC MERIT<br>MIL SS&S P STUDENT SERVICES FIN AIDS (133-B753) |           | 1,000.00  |
| 5. | GRANT (HARRY J) FOUNDATION<br>C/O DONALD B. ABERT<br>MILWAUKEE, WI<br>SCHOLARSHIP AID TO JOURNALISM STUDENTS AT UWM<br>MIL L&S MASS COMMUNICATN (133-6890)                           |           | 2,400.00  |
| 6. | VARIOUS DONORS<br>HUMAN RESOURCES DEVELOPMENT FUND<br>MIL SS&S P STUDENT SERVICES FE&SCHOLS (133-7114)   |           | 323.37    |

## TOTAL MILWAUKEE

593,145.83  
=====

EXTENSION AND PUBLIC SERVICE	1,570.10
INSTRUCTION	427,844.36
MISCELLANEOUS	2,910.00
RESEARCH	145,465.00
STUDENT AID	15,356.37

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

## EXTENSION AND PUBLIC SERVICE

1. DHEW, OFFICE OF EDUCATION  
WASHINGTON, DC  
COMMUNITY DEVELOPMENT: ESTIMATION OF THE DEMAND  
FOR COMMUNITY PROJECTS UNDER TITLE I, HIGHER  
EDUCATION ACT OF 1965  
FOR THE PERIOD 07-01-77 THROUGH 06-30-78  
AWARD # K 152-178J813-9-5  
EAU ART&SC ECONOMICS (144-0735) 6,983.00
2. WISCONSIN STATE COUNCIL ON ECONOMIC EDUCATION  
MILWAUKEE, WI  
DISCRETIONARY GRANT FOR CENTER FOR ECONOMIC  
EDUCATION FOR THE PERIOD 09-01-77 THROUGH  
08-31-78  
EAU ART&SC ECONOMICS (133-0726) 3,800.00

## INSTRUCTION

1. DHEW, OFFICE OF EDUCATION  
WASHINGTON, DC  
COOPERATIVE EDUCATION PROGRAM FOR UNIVERSITY  
OF WISCONSIN-EAU CLAIRE UNDER TITLE IV, PART D,  
HIGHER EDUCATION ACT OF 1965  
FOR THE PERIOD 09-01-77 THROUGH 10-31-78  
AWARD # G007702131  
EAU G A A V CHANC ACAD AFF (144-0605) 40,000.00
2. DHEW, PHS, HEALTH RESOURCES ADMIN.  
BETHESDA, MD  
NURSING CAPITATION GRANT  
FOR THE PERIOD 07-01-77 THROUGH 06-30-79  
AWARD # 2 E04 NU01598-06  
EAU NURSG NURSING (144-0759) 61,119.00

## STUDENT AID

1. UNIVERSITY OF WISCONSIN-EAU CLAIRE FOUNDATION, INC  
EAU CLAIRE, WI  
MISCELLANEOUS SCHOLARSHIPS, GRANTS, AND AWARDS  
FOR THE PERIOD 01-01-77 THROUGH 06-30-77  
EAU ST AST ADV OPPOR GRANTS (133-0778) 57,890.00

TOTAL EAU CLAIRE

169,792.00  
=====

EXTENSION AND PUBLIC SERVICE	10,783.00
INSTRUCTION	101,119.00
STUDENT AID	57,890.00



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

## MISCELLANEOUS

- |    |  |            |           |
|----|--|------------|-----------|
| 1. | WI DEPT OF ADMINISTRATION (P/C WITH LABOR)<br>MADISON, WI<br>CETA TITLE VI (LTE) PROGRAM<br>FOR THE PERIOD 10-01-77 THROUGH 05-31-78<br>AWARD # T6LP-78-928<br>GB BUS&FN PERSONNEL SVCS                                  | (144-K916) | 10,956.00 |
| 2. | WISCONSIN ARTS BOARD (P/C WITH NEA)<br>MADISON, WI<br>SUPPORT OF VARIOUS ART PROJECTS<br>FOR A PERIOD BEGINNING 04-01-74<br>AT A TOTAL COST OF \$18,686.02<br>AWARD # LETTER DTD 10-14-77<br>GBY I&U SV LECTS & PERFORMS | (144-F093) | 2,666.66  |
| 3. | MULTIPLE DONORS<br>SPECIAL EVALUATION PROJECTS<br>GB O ED D ADMINISTRATION   | (133-A512) | 25.00     |

## RESEARCH

- |    |   |            |          |
|----|---|------------|----------|
| 1. | OASIS 2000 (P/C WITH EPA)<br>RICE LAKE, WI<br>ENERGY AND ECONOMIC ASSESSMENT OF ANAEROBIC<br>DIGESTERS AND BIOFUELS FOR RURAL WASTE MANAGEMENT<br>FOR THE PERIOD 01-03-77 THROUGH 11-30-77<br>AT A TOTAL COST OF \$22,977.00<br>AWARD # AGREEMENT DATED 12-20-76, MOD. 2<br>GBY ENV SC SCI& ENVIRON CHG | (144-J626) | 2,810.00 |
|----|---|------------|----------|

## STUDENT AID

- |    |  |            |          |
|----|--|------------|----------|
| 1. | 2ND GEAR (UNIVERSITY LEAGUE),<br>GREEN BAY, WI<br>THELMA DU CHAINE SHORT TERM LOAN FUND-UWGB<br>( LOANS )  |            | 100.00   |
| 2. | MULTIPLE DONORS<br>SOURCE OF FINANCIAL AID PAYMENTS TO STUDENT<br>ATHLETES AT THE UNIVERSITY OF WISCONSIN-GREEN BAY<br>WITHIN THE GUIDELINES PRESCRIBED BY THE NATIONAL<br>COLLEGIATE ATHLETIC ASSOCIATION<br>GB I R & A ATHLETICS - MEN | (133-7213) | 1,764.50 |

TOTAL GREEN BAY

18,322.16  
=====MISCELLANEOUS  
RESEARCH  
STUDENT AID13,647.66  
2,810.00  
1,864.50

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UNIVERSITY OF WISCONSIN - LACROSSE

EXTENSION AND PUBLIC SERVICE

- 1. WISCONSIN HUMANITIES COMMITTEE (P/C WITH NEH)  
MADISON, WI  
COMMUNITY MEETINGS IN SOUTHWESTERN WISCONSIN  
ON PUBLIC POLICY ISSUES  
FOR THE PERIOD 10-15-77 THROUGH 03-31-78  
AWARD # SO-26070-76-913  
LAC WIED CTR-REGIONAL STU (144-5811) 4,400.00

GIFT-IN-KIND

- 1. GATEWAY TRANSPORTATION COMPANY, INC.  
LACROSSE, WI  
GIFT OF 28 VOLUMES OF FINANCIAL AND OPERATING  
STATISTICS OF THE AMERICAN TRUCKING ASSOCIATION  
LAC

TOTAL LACROSSE 4,400.00

EXTENSION AND PUBLIC SERVICE 4,400.00



GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - OSHKOSH

GIFT-IN-KIND

- 1. THEDA CLARK REGIONAL MEDICAL CENTER-NEENAH AND  
MERCY MEDICAL CENTER-OSHKOSH  
NEENAH & OSHKOSH, WI  
TWELVE ITEMS OF TECHNICAL INSTRUMENTS AND  
EQUIPMENT GIVEN TO MEDICAL TECHNOLOGY PROGRAM  
OSH

STUDENT AID

- 1. WISCONSIN RURAL REHABILITATION CORPORATION  
MADISON, WI  
TEN NURSING UNDERGRAD SCHOLARSHIPS FOR THE  
PERIOD 09/01/77 TO 05/31/78  
OSHKOSH STU A RURAL REHAB GRT (133-3332) 6,560.00
- 6,560.00
- 6,560.00

STUDENT AID

6,560.00





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UNIVERSITY OF WISCONSIN - PARKSIDE

MISCELLANEOUS

1. MODINE MANUFACTURING COMPANY RACINE, WI SUPPORT OF INSTRUCTION AND RESEARCH IN THE USE OF THE SCANNING ELECTRON MICROSCOPE AT UW-PARKSIDE PKS SC&SOC SCIENCE	EARTH SCI (133-9575)	5,000.00
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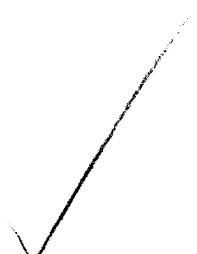
PHYSICAL PLANT

1. DHEW, OFFICE OF EDUCATION WASHINGTON, DC INTEREST SUBSIDY GRANT FOR CLASSROOM PROJECT FOR THE PERIOD 08-21-73 THROUGH 04-15-77 AWARD # 5-5-00644-0 PKS UNIT-W DEBT SV AC BLDGS	(144-K925)	44,819.00
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TOTAL PARKSIDE		49,819.00
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MISCELLANEOUS	5,000.00
PHYSICAL PLANT	44,819.00



GIFTS, GRANTS AND CONTRACTS  
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UNIVERSITY OF WISCONSIN - RIVER FALLS

LIBRARIES

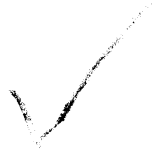
1. HEALTH, EDUCATION, AND WELFARE, DEPT. OF WASHINGTON, DC BOOKS FOR THE UNIVERSITY LIBRARY FOR THE PERIOD 10-01-77 THROUGH 09-30-78 AWARD # G007750218 RVF LIBR R UNIV LIBRARY	(144-0684)	3,855.00
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RESEARCH

1. NORTHERN STATES POWER COMPANY MINNEAPOLIS, MN STUDY OF PLANT AND ANIMAL COMMUNITIES IN VICINITY OF PRAIRIE ISLAND NUCLEAR GENERATING PLANT FOR THE PERIOD 09/01/77 TO 08/31/78 AWARD # C 10554 RVF ART&SC BIOLOGY	(133-0615)	3,260.00
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TOTAL RIVER FALLS		7,115.00 =====
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LIBRARIES	3,855.00
RESEARCH	3,260.00



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

## INSTRUCTION

1. DHEW, PHS, HEALTH SERVICES ADM  
WASHINGTON, DC  
TRAINING FOR ADMINISTRATIVE SUPPORT SERVICES  
FOR TRIBAL HEALTH PROGRAMS  
FOR THE PERIOD 10-03-77 THROUGH 09-30-78  
AWARD # 249-78-0001  
STP COPS SCH OF EDUCATION EDUCATION (144-6321) 73,800.00
2. WISCONSIN DEPT OF INDUSTRY, LABOR, AND HUMAN  
RELATIONS  
MADISON, WI  
WORKSHOP TRAINING AND TUTORING ENGLISH AS A  
SECOND LANGUAGE FOR THE PERIOD 09/30/77  
TO 12/16/77  
STP ESIP&L DEAN OF ESIP (133-0503) 2,900.00
3. WISCONSIN DEPARTMENT OF NATURAL RESOURCES  
MADISON, WI  
MACKENZIE ENVIRONMENTAL CENTER AGREEMENT FOR THE  
PERIOD 09/12/77 TO 11/04/77  
AWARD # 9150  
STP CONR NATURAL RESOURCS NAT RESRCS (133-8466) 600.00

## RESEARCH

1. UNIVERSITY OF WISCONSIN-MADISON (P/C WITH  
INTEROWRT)  
MADISON, WI  
SUBGRANT TO STUDY SECONDARY EFFECTS OF POLLUTION  
CONTROL ON WATER QUALITY  
FOR THE PERIOD 10-01-77 THROUGH 09-30-78  
AT A TOTAL COST OF \$6,382.00  
AWARD # 092J993  
STP CONR NATURAL RESOURCS NAT RESRCS (144-8416)
2. INTERIOR, DEPT. OF  
OMAHA, NB  
ECOLOGICAL STUDIES AT APOSTLE ISLANDS NATIONAL  
LAKESHORE  
FOR THE PERIOD 06-01-78 THROUGH 09-01-82  
AWARD # CX-6000-7-R059  
STP CONR NATURAL RESOURCS NAT RESRCS (144-8410) 15,000.00
3. INTER, FISH AND WILDLIFE SERVICE  
TWIN CITIES, MN  
FALL MIGRATION OF RADIO-TAGGED EASTERN GREATER  
SANDHILL CRANES  
FOR THE PERIOD 10-01-77 THROUGH 08-01-78  
AWARD # 30188-0239  
STP CONR NATURAL RESOURCS NAT RESRCS (144-8426) 4,000.00

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## UNIVERSITY OF WISCONSIN - STEVENS POINT

## STUDENT AID

1. DHEW, OFFICE OF HUMAN DEVELOPMENT WASHINGTON, DC TRAINEESHIPS IN SPEECH PATHOLOGY AND AUDIOLOGY FOR THE PERIOD 09-01-77 THROUGH 08-31-78 AWARD # 44-P-25653/5-01 STP COPS SCH OF COMM DIS	(144-5902)	11,176.00
TOTAL STEVENS POINT		<u>107,476.00</u>
INSTRUCTION	77,300.00	
RESEARCH	19,000.00	
STUDENT AID	11,176.00	



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

## EXTENSION AND PUBLIC SERVICE

1. DHEW, OFFICE OF HUMAN DEVELOPMENT  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) WORK EVALUATION/WORK ADJUSTMENT MATERIALS  
DEVELOPMENT CENTER  
FOR THE PERIOD 09-01-77 THROUGH 08-31-78  
AWARD # 12-P-55307/5-09  
STO EDUC REHAB & MPR SVCS REHAB&M SV (144-0408) 240,000.00
  - 2) NATIONAL WORKSHOP ON WORK ADJUSTMENT SERVICES  
CURRICULUM  
FOR THE PERIOD 09-15-77 THROUGH 09-14-78  
AWARD # 45-P-81289/5-01  
STO EDUC REHAB & MPR SVCS REHAB&M SV (144-0414) 47,209.00
2. EDUCATION DEVELOPMENT CENTER  
NEWTON, MA  
EDUCATIONAL EXPERIENCE & INSTRUCTION TO ALGERIAN  
STUDENTS IN INELEC FOR THE PERIOD 08/10/77 TO  
08/19/77  
AWARD # I-2306  
STO I&TECH SCH-IND&TECH ADM (133-0303) 9,962.00
3. EDUCATION DEVELOPMENT CENTER  
NEWTON, MA  
ALGERIAN FACULTY CANDIDATE PROGRAM FOR THE PERIOD  
09/19/77 TO 10/19/77  
AWARD # I-2305  
STO I&TECH SCH-IND&TECH ADM (133-0311) 10,300.00

## RESEARCH

1. BOARD OF EDUCATION, FOND DU LAC SCHOOL DISTRICT  
(P/C WITH DHEW OE)  
FOND DU LAC, WI  
EVALUATION OF EXPERIENCE BASED CAREER EDUCATION  
FOR THE PERIOD 09-01-77 THROUGH 06-30-78  
STO CREI CTR-RES&ED IMPRV (144-0415) 7,429.00
2. WI DEPT OF PUBLIC INSTRUCTION (P/C WITH DHEW OE)  
MADISON, WI  
INDUSTRIAL EDUCATION LEARNING ACTIVITIES  
DEVELOPMENT PROJECT - LEARNING ACTIVITIES  
DEVELOPMENT AND DISSEMINATION  
FOR THE PERIOD 10-01-77 THROUGH 06-30-78  
AWARD # PAH 00805  
STO I&TECH INDUST TCHR EDUC IND TCH ED (144-0335) 6,246.00
3. WI DEPT OF PUBLIC INSTRUCTION (P/C WITH DHEW OE)  
MADISON, WI  
EVALUATION OF THE WISCONSIN CAREER EDUCATION  
CONSORTIUM FOR TRAINING AND RETRAINING  
FOR THE PERIOD 10-01-77 THROUGH 09-30-78  
AWARD # PAH 00693  
STO CREI CTR-RES&ED IMPRV (144-0413) 7,698.00

TOTAL STOUT

328,844.00  
=====EXTENSION AND PUBLIC SERVICE  
RESEARCH307,471.00  
21,373.00

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## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF ADMINISTRATION (P/C WITH COMM)  
MADISON, WI  
IN SUPPORT OF THE FOLLOWING:
  - 1) GREAT LAKES SHORE EROSION INFORMATION ASSISTANCE  
PROGRAM  
FOR THE PERIOD 10-01-77 THROUGH 05-31-78  
AWARD # AGREEMENT DTD 10-01-77  
EXT E E D W GEOL NAT HIST (144-K910) 22,748.00
  - 2) A PROJECT TO DEMONSTRATE A METHOD OF MAXIMIZING  
COMMUNITY ECONOMIC BENEFITS FROM VISITOR SPENDING  
THROUGH INVESTMENT IN A RECREATION ENTERPRISE  
FOR THE PERIOD 10-01-77 THROUGH 03-31-78  
AWARD # AGREEMENT DTD 10-01-77  
EXT E E D RECR RESOURCES C (144-K967) 3,840.00
  - 3) BOOKLET & CONFERENCE & SHORT COURSE EXPLORATION  
FOR THE PERIOD 10-01-77 THROUGH 05-31-78  
AWARD # AGREEMENT DATED 10/01/77  
EXT E E D DEPT OF GOVT AFF (144-L004) 6,000.00
2. STATE BOARD OF SOIL & WATER CONSERVATION DISTRICTS  
(P/C WITH EPA)  
MADISON, WI  
DEVELOPMENT AND DEMONSTRATION OF A COUNTY LAND USE  
ORDINANCE TO PROVIDE SEDIMENT AND EROSION CONTROL  
FOR THE PERIOD 05-24-74 THROUGH 12-31-78  
AT A TOTAL COST OF \$465,435.00  
AWARD # NONE  
EXT E E D ST SOIL&W CONSV (144-F570) 78,581.00
3. WI DEPT OF ADMINISTRATION (P/C WITH FEAS)  
MADISON, WI  
IN SUPPORT OF THE FOLLOWING:
  - 1) ENERGY CONSERVATION PROGRAMMING FOR THE RECREATION  
- TOURISM BUSINESSES AT A TOTAL ESTIMATED COST OF  
\$127,950  
FOR THE PERIOD 08-01-77 THROUGH 12-28-80  
AWARD # COOP AGRMT DTD 10-28-77  
EXT E E D RECR RESOURCES C (144-K283) 51,000.00
  - 2) WASTE OIL RECYCLING  
FOR THE PERIOD 09-01-77 THROUGH 08-31-78  
AWARD # ADH-01091  
EXT E E D ENVIR RSRC S UNIT ENV RSRC U (144-K923) 7,640.00
  - 3) ENERGY CONSERVATION IN AGRICULTURE  
FOR THE PERIOD 09-01-77 THROUGH 12-31-78  
AWARD # ADH-01014  
EXT E E D AGR ENGINEERING (144-K950) 10,000.00
4. CITY OF MILWAUKEE, DEPT OF BUILDING INSPECTION  
AND SAFETY ENGINEERING (P/C WITH HUD)  
MILWAUKEE, WI  
VOLUNTEERS IN HOUSECOPING  
FOR THE PERIOD 06-03-77 THROUGH 06-02-78  
AT A TOTAL COST OF \$130,338.00  
AWARD # AGREEMENT DTD 05-26-77  
EXT URB OR INSTIT CRIM JUS (144-K028) 55,000.00

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

## EXTENSION AND PUBLIC SERVICE

5. WI DEPT OF LOCAL AFFAIRS & DEVELOPMENT (P/C WITH INTER)  
MADISON, WI  
IRRIGATION AND CROP PRODUCTIVITY PROJECT FOR THE PERIOD 11-01-77 THROUGH 11-30-77  
AWARD # LETTER DTD 11/4/77  
EXT E E D AGRONOMY (144-K986) 8,000.00
6. WISCONSIN COUNCIL ON CRIMINAL JUSTICE (P/C WITH JUCTC)  
MADISON, WI  
ATTORNEYS TO REPRESENT STATE INMATES IN THE FEDERAL COURT SYSTEM  
FOR THE PERIOD 06-01-75 THROUGH 04-30-78  
AWARD # 73-02-05-11/74-02-06-06  
EXT P H D HUMAN DEVELOPMNT CNT LEG ED (144-G691) 1,535.45
7. MULTIPLE DONORS  
INTERIM COMMITTEE ON RURAL MENTAL HEALTH  
EXT P H D HEALTH SCI AREA MENTL HLTH (133-A555) 185.00
8. AGRICULTURAL RECORDS COOPERATIVE  
MADISON, WI  
ADMINISTRATION OF THE OFFICAL DAIRY HERD IMPROVEMENT REGISTRY TESTING PROGRAM 1977-78  
EXT E E D DAIRY SCIENCE (133-B071) 661.00
9. SYNTAX LABORATORIES, INC.  
PALO ALTO, CA  
CONTINUED PROGRAM DEVELOPMENT IN THE DIVISION OF PROFESSIONAL AND HUMAN DEVELOPMENT AT THE DEAN'S DISCRETION  
EXT P H D ADMINISTRATION (133-B447) 1,200.00
10. COUNTY OF DOOR  
STURGEON BAY, WI  
STATEWIDE PROSECUTOR/DEFENDER PROGRAM; SUMMER 1977  
EXT P H D HUMAN DEVELOPMNT CNT LEG ED (133-B524) 118.50
11. WISCONSIN YOUTH SYMPHONY ORCHESTRAS  
MADISON, WI  
SUPPORT WISCONSIN YOUTH SYMPHONY ORCHESTRAS STAFF FOR THE PERIOD 07-01-77 THRU 06-30-78  
EXT P H D HUMAN DEVELOPMNT ARTS (133-B666) 4,205.98
12. ROCK COUNTY  
JAMESVILLE, WI  
PARTIAL SUPPORT OF A 4-H AND YOUTH AGENT IN ROCK COUNTY FOR THE PERIOD 09-19-77 THRU 08-18-78  
REDUCED TO \$4,798 PROJECT LEVEL TO ALLOW FOR TRAVEL PAID DIRECTLY BY ROCK COUNTY  
EXT COM PR COMMUNITY PROGS SOUTHCENT (133-B723) 1,300.00-
13. EDUCATIONAL COMMUNICATIONS BOARD  
MADISON, WI  
PRODUCTION AND RECORDING OF 13 TO 26 PROGRAMS OF 15 MINUTE LENGTH ON "RETIREMENT AND THE OLDER ADULT"  
AWARD # P.O.#TT200, #TT 7C 411  
EXT E C RADIO (133-B929) 7,268.40

GIFTS, GRANTS AND CONTRACTS  
DEC 09, 1977

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

14.	WISCONSIN DEPARTMENT OF LOCAL AFFAIRS AND DEVELOPMENT MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR CONSULTANT SERVICES DURING THE PERIOD 10-03-77 THRU 06-18-78 EXT COM PR ADMINISTRATION	(133-8930)	5,330.00
15.	MULTIPLE DONORS CAMP UPHAM WOODS SUPPORT EXT P H D YOUTH DEVELOP	(133-0690)	2,469.57
16.	MULTIPLE DONORS WHA RADIO STATION DIRECTOR'S DISCRETIONARY GRANT EXT E C RADIO	(133-4307)	10.00
17.	SUPPORT PROGRAMS OF THE DEPARTMENT OF BUSINESS AND MANAGEMENT EXT E E D BUSINESS & MGT ADMIN	(133-4539)	
	100.00 AFFILIATED BANK OF MADISON MADISON, WI		
	175.00 MULTIPLE DONORS		275.00
18.	MULTIPLE DONORS UNIVERSITY EXTENSION FELLOWSHIP FUND EXT P S D STAFF TRNG DEV	(133-7462)	50.00
19.	MULTIPLE DONORS SUPPORT AREA HOME ECONOMISTS EXT COM PR COMMUNITY PROGS STATEWIDE	(133-8368)	1,000.00
	TOTAL EXTENSION		<u>265,817.90</u>
	EXTENSION AND PUBLIC SERVICE		265,817.90



GIFTS, GRANTS AND CONTRACTS  
DEC 09, 1977

UNIVERSITY OF WISCONSIN - SYSTEM WIDE

UNRESTRICTED

- 1. REGENT EMERITUS A. MATT. WERNER,  
SHEBOYGAN, WI  
PRESIDENT'S SPECIAL FUND

( TRUST ) 2,845.44

TOTAL SYSTEM WIDE 2,845.44  
=====

UNRESTRICTED 2,845.44



ADDITION TO  
GIFTS, GRANTS AND CONTRACTS  
December 9, 1977

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

Agreement between the Board of Regents of the University of Wisconsin System and Statistical Programs for the Social Sciences, Inc. Chicago, Illinois entitled "Conversion Center License Agreement" to be conducted at the Madison Academic Computing Center  
MSN, GRAD, ACAD COMPUTG CTR

\$ -0-

GIFTS, GRANTS AND CONTRACTS SUMMARY  
 ITEMS PROCESSED 10-22-77 THROUGH 11-18-77

PAGE 1

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	2,845	2,845
CENTER SYSTEM	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
EAU CLAIRE	10,783	101,119	-0-	-0-	-0-	-0-	57,890	-0-	169,792
EXTENSION	265,818	-0-	-0-	-0-	-0-	-0-	-0-	-0-	265,818
GREEN BAY	-0-	-0-	-0-	13,648	-0-	2,810	1,865	-0-	18,322
LA CROSSE	4,400	-0-	-0-	-0-	-0-	-0-	-0-	-0-	4,400
MADISON	-0-	196,447	2,072	128,632	-0-	4,154,177	75,354	22,000	4,578,682
MILWAUKEE	1,570	427,844	-0-	2,910	-0-	145,465	15,356	-0-	593,146
OSHKOSH	-0-	-0-	-0-	-0-	-0-	-0-	6,560	-0-	6,560
PARKSIDE	-0-	-0-	-0-	5,000	44,819	-0-	-0-	-0-	49,819
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
RIVER FALLS	-0-	-0-	3,855	-0-	-0-	3,260	-0-	-0-	7,115
STEVENS POINT	-0-	77,300	-0-	-0-	-0-	19,000	11,176	-0-	107,476
STOUT	307,471	-0-	-0-	-0-	-0-	21,373	-0-	-0-	328,844
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
<b>TOTAL DEC 1977</b>	<b>590,042</b>	<b>802,710</b>	<b>5,927</b>	<b>150,189</b>	<b>44,819</b>	<b>4,346,085</b>	<b>168,201</b>	<b>24,845</b>	<b>6,132,820</b>
PREVIOUSLY REPORTED	2,393,675	10,753,308	429,024	7,253,155	909,590	48,171,867	32,183,614	1,470	102,095,704
<b>GRAND TOTAL</b>	<b>2,983,717</b>	<b>11,556,018</b>	<b>434,951</b>	<b>7,403,345</b>	<b>954,409</b>	<b>52,517,953</b>	<b>32,351,815</b>	<b>26,315</b>	<b>108,228,523</b>
<b>TOTAL DEC 1976</b>	<b>216,505</b>	<b>614,552</b>	<b>18,625</b>	<b>223,031</b>	<b>55,368</b>	<b>3,836,822</b>	<b>42,422</b>	<b>-0-</b>	<b>5,007,324</b>
PREVIOUSLY REPORTED	2,816,227	12,548,333	396,030	3,465,497	1,998,135	47,606,159	29,627,223	149,635	98,607,239
<b>GRAND TOTAL</b>	<b>3,032,731</b>	<b>13,162,885</b>	<b>414,655</b>	<b>3,688,528</b>	<b>2,053,503</b>	<b>51,442,981</b>	<b>29,669,646</b>	<b>149,635</b>	<b>103,614,563</b>
<b>FEDERAL TOTAL DEC 1977</b>	<b>542,936</b>	<b>786,543</b>	<b>3,855</b>	<b>30,481</b>	<b>44,819</b>	<b>3,811,440</b>	<b>11,176</b>	<b>-0-</b>	<b>5,231,251</b>
PREVIOUSLY REPORTED	1,435,093	10,447,141	183,400	5,737,190	681,096	40,003,591	31,466,166	-0-	89,953,678
<b>FEDERAL GRAND TOTAL</b>	<b>1,978,030</b>	<b>11,233,684</b>	<b>187,255</b>	<b>5,767,672</b>	<b>725,915</b>	<b>43,815,031</b>	<b>31,477,342</b>	<b>-0-</b>	<b>95,184,929</b>
<b>FEDERAL TOTAL DEC 1976</b>	<b>179,252</b>	<b>577,842</b>	<b>18,430</b>	<b>41,413</b>	<b>55,368</b>	<b>3,531,842</b>	<b>6,173</b>	<b>-0-</b>	<b>4,410,320</b>
PREVIOUSLY REPORTED	1,581,991	12,161,112	142,901	763,823	1,772,520	40,311,461	28,980,755	-0-	85,714,563
<b>FEDERAL GRAND TOTAL</b>	<b>1,761,243</b>	<b>12,738,954</b>	<b>161,331</b>	<b>805,236</b>	<b>1,827,888</b>	<b>43,843,303</b>	<b>28,986,928</b>	<b>-0-</b>	<b>90,124,883</b>



# Board of Regents of The University of Wisconsin System

December 7, 1977

## OFFICERS

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Edward E. Hales  
524 Main St.  
Racine 53403

Vice President  
Milton E. Neshek  
Godfrey Bldg.  
Elkhorn 53121

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Secretary  
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Madison 53706  
Tel. 608/262-2324

TO: Board of Regents of the University of Wisconsin System

FROM: Regent Members of the Higher Educational Aids Board

SUBJECT: HEAB Meeting of December 2, 1977

The Higher Educational Aids Board met in the Park Motor Inn, Madison, Wisconsin on December 2, 1977. Regent members John Lavine and Herbert Grover were present. New HEAB members were introduced: Mr. Waldo Martin, Madison; Ms. Janet Jenkins, Onalaska; Ms. Barbara Taylor, Portage; and Regent Grover.

### Student Financial Aid Program Rules

A public hearing was held on December 2 to consider the adoption, amendment, and repeal of an extensive set of proposed rules relative to the state's student financial aid programs administered by HEAB. Since the Board last adopted administrative rules in August, 1974, it has enacted a number of policy statements which were incorporated in the proposed rules. Board members requested the staff for clarification of a number of the rules and then approved the forwarding of a final draft of the proposed rules to the legislature for a thirty day review. Final action on the rules will be considered at the HEAB February meeting.

### Future Meeting Dates

The Board established the following future HEAB meeting dates: February 3; May 19, and July 28, 1978.

### Student Loan Revenue Bonds

The Board met and asked questions of representatives of the investment firm of Smith Barney, Harris Upham and Company which has been selected by the Building Commission to assume the underwriting responsibility for the Student Loan Revenue Bonding program. Representatives of the firm emphasized the importance of an adequate information flow between the HEAB staff, Board, and the investment firm to obtaining a good rating on the revenue bonds.

### Staff Recommendations for the State's 1978 Annual Budget Review

The staff recommended that the Board again request state government to permit the maximum grant for the Tuition Grant program to be set annually at the level of the instructional subsidy paid on behalf of students enrolled at UW-Madison beginning with the freshman class of 1978-79 academic year (the estimated cost is \$235,000 in 1978-79).

12/9/77

EXHIBIT A

Mrs. Kaplan opposed the recommendation pointing out that although HEAB recommended approval of this proposal as part of the 1977-79 biennial budget request, the Governor did not support the issue. The Governor's rationale used in opposition was that although state GPR support per student at UW-Madison is greater than \$1500, state support for each additional student over the previous enrollment base was substantially less, about \$890.

Regent Lavine, after stating his philosophical support for the concept of fully funding instructional budgets to enable quality programming, indicated initial opposition to the recommendation that was based on the premise that state funding of instruction for both the private and public sectors should be on the same track. He reminded the Board of the change in the state enrollment funding policies and indicated that to be consistent it was not appropriate to tie tuition grant funding levels to the present average state support figure, but they also should follow the concept of funding new students at marginal costs.

Reverend Raynor argued that his outlook as a Board member has not changed since the biennial budget request and that if the Governor, due to administrative philosophy or economic reasons, viewed the matter differently, that was a governor's prerogative. He also said that the proposal was the best and most consistent state policy and therefore he was willing to put forward his point again.

Chairman Madison indicated that in a letter to Robert McCarthy, Executive Director of WAICU, Governor Schreiber had requested DOA to reexamine the policy and to develop appropriate recommendations.

Recognizing the Governor's request for reconsideration of the issue and that perhaps circumstances had changed, the Board approved forwarding the staff proposal to DOA with its support.

#### Tuition Grant Program Eligibility Requirements

The Board approved a staff recommendation that it request in the annual budget review an amendment in the program eligibility requirements of the Tuition Grant program which would extend program eligibility to students enrolled at least half-time for a period not to exceed ten academic semesters and that the change be phased in during 1978-79. (The estimated cost is \$200,000 in 1977-78.) An attempt by Mrs. Kaplan to amend the proposal to apply the change only to those nontraditional students participating in the Talent Incentive Program (TIP) was not supported. The Board also approved inclusion in its 1978 annual budget review request a sum sufficient reestimate of \$7,834,000 which is down \$210,000 from that projected at the time of biennial review.

#### Dental Contract Revision

Recent congressional action established federal capitation for dental education at \$1,226 per student in 1977-78 which is \$274 short of the amount initially projected. After recognizing that Marquette University officials and state government had established a prior understanding at the time of the 1977-79 biennial budget discussion that any shortfall would be mutually shared, the Board agreed to request revision of the dental contract so the amount of GPR in 1978-79 would be \$3600 per capita for up to 500 Wisconsin students. (The cost of this request would be \$150,000 in 1978-79.)

### Agency Administrative Budget Matters

After extensive discussion of the mission, direction of growth, and the administrative and personnel needs of HEAB, the Board approved staff recommendations that state government approval be sought during annual budget review to incorporate significant amounts of newly available federal revenues into the agency's administrative budget in 1978-79. These federal revenues are granted to HEAB as an unrestricted allowance for the administration of federal loan programs.

The Board approved the staff request for budgeting \$432,000 of one-time revenues for the development of a comprehensive and greatly expanded data processing system for the agency which will incorporate the recently added NDSL and Lender Servicing programs.

The Board supported the recommendation of Regent Lavine that Mr. Jung retain someone as an agency data processing consultant who will not be eligible as a potential bidder who can assist in defining HEAB's needs and will represent the best interests of the agency as it reviews proposals.

### Staff Additions

The staff recommended approval of the addition to HEAB staff the positions of Management Information Supervisor, Public Information Officer, Consumer Relations Specialist, Area Services Specialist, Budget Technician, Administrative Secretary, Typist III, Cashier I, and two Clerk II positions.

Regent Grover moved to delete several positions after a suggestion by Mr. Jung that the Public Information Officer and the Budget Technician were needed but were of lower priority. Questioning of the outreach role of the Area Services Specialist and the potential for coordination problems with other state and private institutions which serve students resulted in a request to have HEAB staff prepare a written report of its outreach services for the February meeting.

The Board approved the staff's recommendation for new positions with the exception of the Public Information Officer.

### Recommendation to Replace GPR Support with Federal Revenues

The Board unanimously approved a motion to delete from the annual budget request a number of staff recommendations that would have resulted in a complete replacement of \$485,700 of GPR support for HEAB administration by federal revenues beginning in 1978-79. Considerable concern was expressed by various Board members that HEAB may be building an operational or administrative base that is overly dependent upon soft dollar, non-GRP revenues leading to over-concentration upon revenue production via loan and lender servicing revenues, etc., resulting in loss of perspective as to who HEAB is intended to serve, i.e., students.

Regent Lavine pointed out that although it was good public policy for an agency to replace its need for GPR with program revenues where possible, the HEAB should not assume as its highest priority the practice of being in the business of generating revenues. He indicated that although the staff's recommendations had responded to state policy, they had not significantly zeroed in on HEAB's mission of serving students. He objected to his prerogatives

as a Board member being preempted in that HEAB now has revenues it could use without requesting outside funding and alternative proposals for using them had not been prepared. At a time when tremendous growth in the loan levels is occurring, he wished to see proposals that, for example, would move resources into grant programs. Mr. Buchmiller suggested that if the federal monies were unrestricted they should be used for programs other than agency administration. Mr. Madison suggested that, like the tuition grant program, state government should reexamine its policy of requiring, in all cases where possible, agencies to replace GPR with program revenues. Other Board members shared the concern of giving up GPR when needs for more grant funds have been identified and raised the question of who calls the signals if the agency is completely dependent on program revenues.

Mr. Jung pointed out that DOA will recommend that HEAB use its program revenues to replace GPR. Regent Lavine suggested that HEAB get out of the business of lender servicing if its efforts to obtain revenues for students are counter effective due to DOA removing a like amount of the agency's GPR support. Several Board members summed up the Board position pointing out it did not take action against DOA but that HEAB has a mandate as a board to represent students and that it needed to protect the integrity of the agency. The Board will review the disposition of its program revenues and the matter of state vs. federal support of its administration at the February meeting.

#### Student Budgets for Loans

In response to a 1977 session law requirement, HEAB staff examined ways of standardizing student budget methodology for use in granting loans. The Board approved staff recommendations that HEAB adopt the Wisconsin Association of Student Financial Aids Administrators student budget development methodology for use in the state loan program.

The Board also approved the recommendation that HEAB staff give assistance to institutions to help them where practicable to meet the sixty day notification requirement set out in the proposed federal regulations. This requirement relates to timely notification by institutions to lenders of students' completion of or withdrawal from educational programs.

#### Lender Service Program

The Board received a progress report on the development of its lender servicing program. Problems of delay and substantial increases in development costs were identified. Due to the delay in making the program operational, anticipated revenues were revised from the earlier estimate of \$130,660 downward to \$70,543 for the period October 1, 1977 to June 30, 1978. The increased development costs resulted in the need for the staff to revise the May 1977 projection of \$37,800 upward to \$116,773 for 1977-78. Regent Lavine expressed concern about HEAB getting into business and indicated he wanted to examine the program carefully after its second year of operation to be certain HEAB is not spending time and money on the program to the detriment of student programs.

#### TIP Access/Retention Study

In response to a Board request, the staff prepared a proposal to have HEAB undertake a limited Talent Incentive Program access/retention study. Regent Lavine opposed undertaking the study raising the philosophical question of the

appropriateness of HEAB involving itself in institutional student retention matters and the likely limited value of the suggested study. In its place, Mr. Jung was requested by the Board to write a letter to each of the institutions urging that they develop an information base to enable the adequacy of such programs to be reviewed by the Board as it attempts to develop policy on financial aid programs.

#### Report on Loan Tuition Grant Programs

The Board received an information report on the state direct loan capital situation which showed that the amount of direct state loans made in 1977-78 during the period July to October has dropped \$1.2 million or 23 percent below the original estimate of \$5.3 million, while private lenders have had an increase of 90 percent during the period (from \$14.5 million to \$27.5 million).

An information report on the status of the NDSL transfer to HEAB from the UW System indicated that the transition is moving along well. The Board received a profile report on the Tuition Grant program showing the number and percentage of grants by \$100 increments that went to students at the several institutions. An information report on the status of Iowa-Wisconsin interstate reciprocity discussion was also received by the Board.

The Board adjourned at 12:30 p.m. and reassembled as the Wisconsin Higher Education Corporation.

#### Wisconsin Higher Education Corporation

WHEC approved a number of revisions in the by-laws of WHEC which make them consistent with the by-laws and operating procedures of HEAB and approved a transfer of \$50,000 previously advanced by HEAB to ease pressure on the guarantee capacity of the Corporation.

In response to a request by Mrs. Kaplan, WHEC will have a report on the insurance premiums at the May meeting.

Consistent with earlier HEAB action, WHEC approved a recommendation that the Corporation charge all development costs for the Lender Servicing program against the one percent administration allowance available to the Corporation.

WHEC received a report that for fiscal year 1976-77 it had guaranteed 41,655 loans for \$37.8 million. This compares to 42,171 loans for \$34.3 million for fiscal year 1975-76, representing a 10.2 percent increase in dollar amount but a 1.2 percent decrease in the number of loans guaranteed.

WHEC adjourned its meeting at 12:55 p.m.



WISCONSIN LEGISLATIVE AUDIT BUREAU  
UNIVERSITY OF WISCONSIN SYSTEM'S  
CENTRAL ADMINISTRATION  
AUDIT OBJECTIVES

The University of Wisconsin System's Central Administration

(CA) statutory responsibilities are specified in ss. 36.09(2)

which states:

The president shall be president of all the faculties and shall be vested with the responsibility of administering the system under board policies and shall direct a central administration which shall assist the board and the president in establishing system-wide policies in monitoring, reviewing and evaluating these policies, in coordinating program development and operation among institutions, in planning the programmatic, financial and physical development of the system, in maintaining fiscal control and compiling and recommending educational programs, operating budgets and building programs for the board.

As the statute notes, CA's primary functions relate to planning, budgeting, monitoring, and policy development. Our audit of CA would review these functions with the following objectives in mind:

1. Planning

To determine whether CA is ". . . planning the programmatic, financial, and physical development of the system . . .".

2. Budgeting

To determine what information CA uses to develop the UW System budget for the Board of Regents and the Legislature.

To determine how CA's budgeting process allocates resources to the various units within the System.

3. Policy Development

To determine CA methods and procedures for developing, communicating, implementing, and evaluating System policies.

4. Monitoring

- To determine how CA monitors System operations for compliance with Board of Regent and CA financial, administrative, and programmatic policies.
- To determine whether CA has sufficient and accurate information available to it to carry out its ". . . monitoring, reviewing, and evaluating . . ." responsibilities, and to assist the Board of Regents and campuses in decision-making.

5. CA Organization

- To determine if CA is organized, staffed and funded in order to facilitate compliance with ss. 36.09(2).

*These objectives were approved by the Joint Legislative Audit Committee on 12/6/77. The audit committee also requested that several additional questions relative to these objectives be included with those that we had previously identified. Their questions are included in italic print in the following section.*

Our audit of CA management will proceed from these objectives and identify those areas where detailed audit testing is required. Areas other than those indicated above may be singled out for such testing. What testing is done shall be determined by the audit team, based on identified control weaknesses and the time available for doing the audit. This will be accomplished through our pre-audit survey process which is described in a separate paper.

UNIVERSITY OF WISCONSIN  
CENTRAL ADMINISTRATION MANAGEMENT AUDIT  
TYPES OF QUESTIONS TO RAISE DURING PRE-SURVEY AND/OR AUDIT

Examples of questions which the audit team would try to answer during the pre-survey and/or audit are identified by number for each of the previously identified objectives. We emphasize that these questions are only examples and are not all inclusive. Italicized questions are those requested by the audit committee.

1. Planning

- What planning documents are there for program, financial and physical plant management?
- What kinds of data are collected for planning purposes? What underlying assumptions are there for data collection? What methods are used to collect data and to assure the accuracy of such data? Who develops the planning data used? To what extent are individual campuses involved in the planning process?
- What time frames are used in planning -- i.e., how far into the future is CA planning? How often are plans updated?
- To what extent are enrollment forecasts used in program, financial and facilities planning?  
(Compare past forecasts with what actually happened to determine adequacy of forecasting.)
- What methods are used to forecast future needs?  
(Are time series or other statistical forecasting methods used?)
- To what extent is student demand for particular courses or programs used in academic program planning? How is student demand determined?
- To what extent do plans take into account environmental factors (technological, legal, economic, demographic and cultural)?

## 2. Budgeting

- To what extent does CA rely on campus-generated vs. its own data? (e.g., do they make projections or do they rely solely on campus budgeting requests?)
- Are separate documents/data presented to the Board of Regents vs. the Legislature?
- How much detail is presented to the Board of Regents? (Does the BOR know approximately how much is to be allocated to each campus by purpose?)
- Is the data verified/edited by CA before using it? What assumptions are made in developing, programming and using this budget data?
- Is budget allocation used by CA as a sanction on campuses (Superior got cut for instruction, but some \$ for extension)?
- Are budget decisions related to planning?

## 3. Policy Development

- What general policies and procedures relating to program, financial and physical plant management are originated by CA?
- What policy making responsibilities have been delegated by CA to other units of the UW-System?
- What inputs does CA use in developing policies? To what extent are UW-System units consulted before a policy relating to them is developed and implemented?
- Does CA provide adequate formal instructions for implementing policies to the appropriate units? Are such instructions tailored to specific situations? Or, are they general (and perhaps vague)?
- How does CA evaluate the effectiveness of its policies in bringing about intended results?
- How are program, financial and capital equipment policies integrated?

- *What informal/unwritten systems are at work in UW decision making?*
- *Is there any "regular" informal system used?*
- *If other factors help determine decisions on policies, other than the formal ones, why aren't these incorporated into the formal procedures?*

#### 4. Monitoring

- *What different monitoring systems are in place that enable CA to determine that BOR and CA policies are complied with?*
- *How does CA deal with exceptions to policy that are disclosed by monitoring? What corrective action is taken? How is the appropriate corrective action determined? What sanctions can and/or does CA use to ensure compliance with its policies? How is CA assured that corrective action has been taken?*
- *How does CA determine what information needs to be collected in order to effectively discharge its responsibilities to monitor, review and evaluate?*
- *Are information systems periodically:  
1) purged of information found to be unnecessary, and 2) updated to include information thought to be necessary?*
- *How does CA determine that the information it collects is accurate? Specifically, 1) does CA test its computer programs extensively before employing them, and 2) does CA check the accuracy of data supplied by individual campuses before integrating such data into its own information systems?*
- *How does CA go about implementing procedures for collecting system-wide data?*
- *How does CA review campus proposals on new programs, tenure recommendations, etc.?*
- *Is travel by CA administrative staff monitored?*
  - *Which administrators routinely travel?*
  - *What is the purpose of this travel?*

- *What percentage of time is spent in travelling?*
- *Is there a less costly and equally effective method for achieving the purpose of the travel?*

#### 5. CA Organization

- *What is CA's organization structure?*
- *Is this structure consistent with the budget document? (If not, why not?)*
- *What mechanisms exist for coordinating the work of the Academic Affairs and Administrative Affairs staffs?*
- *Do job descriptions and position qualification statements exist for CA staff? Are these consistent with the responsibilities of various CA employees?*
- *How much of CA personnel time is spent writing reports, reviews, studies and audits?*
- *How many job descriptions list these writing duties? If the writing of reports were eliminated, how many positions could be eliminated from CA?*
- *Is there a way to streamline this burdensome task, as UW claims, which requires so much of staff time to fill out reports?*
- *Do other campuses have more centralized systems of collecting data? (Green Bay)*
- *Do other campuses have any other more efficient methods which CA could use?*
- *How many CA positions deal mainly with PR?*
- *Is CA properly staffed to carry out all CA responsibilities defined by statute?*
- *To what extent are CETA positions utilized?*
- *What role does CA play in personnel procedures on the campuses?*

- Do they monitor?
- Are there written (CA) guidelines for the campuses to follow?
- Is the personnel policy written?
- Who determines personnel policy? Each campus? CA?
- What is the role of academic appointments vis-a-vis civil service positions?

UNIVERSITY OF WISCONSIN  
SEGREGATED FEE AUDIT  
AUDIT OBJECTIVES

University Priority #1 - Survey of management of segregated fee income (from D. Smith letter of 9/15/77)

"This is an area in which management practice has been substantially affected by Section 36.09(5), Wis. Stats. (the merger bill). The section defines student governance rights and responsibilities. The section generated substantial development of Regents' policy to implement the law, and substantial development of new policies and procedures at most of our institutions. Primary student responsibility was established for developing the annual budgets for the allocatable portions of the student fee.

Both the law and the System's interpretations of the law continue to generate much discussion. In each of the last two sessions of the legislature, students have pushed bills to amend 36.09(5) in ways which would resolve arguments on some campuses between the student government and the faculty and administration of these campuses. Needless to say, the students have sought changes which would resolve such disputes in the way they wish the law to be formed.

While Central Administration has massive information on how each institution is implementing 36.09(5) and Regents' policy, we have not carried out on-site surveys of management arrangements and decisions. Our sense is that things have been developing



quite well, but we are mindful of the continuing pressures being placed on the legislature which suggest that, from the perspective of some, the situation could be better.

This area is certainly important from a fiscal standpoint. Several million dollars of student segregated fee income is being allocated and spent each year."

### Background

Historically, the total amount of Segregated University Fee for the former UW and WSU institutions has differed. At the time of merger, the former UW institutions had a uniform \$88 fee per academic year, while the former WSU institutions had segregated fees ranging from \$110 to \$140, not including textbook rental. The two-year centers had segregated fees ranging from \$48 to \$100.

The allocation of the Segregated University Fee (SUF) among various activities differs from campus to campus, reflecting the emphasis the students, in concert with the administration, through their Segregated University Fee Allocations Committee (SUFAC) of each campus, elect to place on support of a particular activity and the prior commitments (debt service) many have made to build SUF-supported facilities.

After a two-year (1973-75) Regent policy on SUF which provided for a moratorium on any increases in SUF programmatic expenditures, the 1975-77 policy paper recognized the need to make provisions

for inflationary pass-thru with respect to the support of allocatable programmatic activities, but with the specific guidelines for this increase covered in the Annual Budget Policy Guidelines and specifically in the 1976-77 budget memo: "Campuses are urged to review their Segregated University Fee supported budget using a zero budgeting approach with the maximum increase for 1976-77 of the allocatable section of the Segregated University Fee not to exceed 8% of the 1975-76 budget level."

The Regents distinguished between allocatable and non-allocatable portions of the SUF as follows:

Allocatable SUF

- Student activities and programs (e.g. student activities, concerts, athletics, recreation, etc.)

Non-Allocatable SUF

- Debt service assessment on SUF-supported facilities (e.g., unions)
- Operational expenses for above facilities not covered by direct user charges
- Minimum level of student health service
- Athletic support anticipated at levels designated for two years after the current budget year

The non-allocatable charges represent claims on SUF income that are not subject to allocation by either the administration or SUFAC to other uses, determined by contracts, bond agreements, conference commitments, and operation of physical plants, etc. The budgets including these items are open to review for informational purposes by the duly constituted SUFAC.

The allocatable portion of SUF has its uses reviewed annually with recommendations originating in SUFAC.

It should be noted that student advice is also sought on policies affecting non-SUF user charge-supported activities such as residence halls, parking and the like; final recommendations in these matters rest with the campus administration.

As in many distinctions, not only is there a black and white, but there is also a gray area for allocatable and non-allocatable fees. The gray area, it will be seen from the previous listing involves student health and athletics, since under certain conditions portions of both of these items of SUF can fall into either category.

LAB Audit Purpose - Student Segregated Fees

- A. Review the economy and efficiency by which the University System is carrying out ss. 36.09(5) "The students of each institution or campus subject to the responsibilities and powers of the Board, the President, the Chancellor and the faculty shall be active participants in the immediate governance of and policy development for such institutions. As such, students shall have primary responsibility for formulation and review of policies concerning student life, services, and interests. Students in consultation with the Chancellor and subject to the final confirmation of the Board shall have the responsibility for the disposition of those student fees which constitute substantial support for campus activities. The students of each institution or campus shall have the right to organize themselves in a manner they determine and to select their representatives to participate in institutional governance."

Objectives

1. Determine that the Regents, Central Administration and campuses have developed policies, procedures and guidelines to carry out the intent of ss. 36.09(5) in regards to student segregated fees.
2. Determine that each campus has established a management information system that provides sufficient information to monitor, control and provide input for decision making.
3. Determine that students have proper involvement in the selection of students to campus committees and the development of budgets concerning segregated fees. (See Supreme Court case #75-406 "Student Association of the University of Wisconsin - Milwaukee vs. Chancellor Werner Baum").
4. With concerns over increasing student segregated fees, competition for the use of these funds and the anticipated decline in enrollments; develop a proforma statement on fees and fund demand for the next five years. What long range plans has the University System developed to meet these problems. (Note: each campus problem could be different.)

- B. Financial and Compliance (FC) - The FC audit of segregated fees will be limited to how these funds (approximately \$15,000,000) are allocated by the individual campuses. It will not be concerned with revenues generated by auxiliary enterprises or special events which are partially supported by these segregated fees.

Objectives

1. Verify that the various policies and directions concerning the budget preparation are followed and properly documented. (See 1977-79 Biennial Budget Policy Paper #5 on Segregated University Fees.)
2. Verify that the allocation of student fees are in compliance with the approved budgets.
3. Verify that policies and directions concerning reallocation of funds during the year are being followed.
4. Review the internal controls and test that expenditures meet the guidelines established in Financial Policy and Procedure Paper #20.



# Board of Regents of The University of Wisconsin System

December 6, 1977

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Madison 53706  
Tel 608/262-2324

TO: Board of Regents of the University of Wisconsin System

FROM: Regent Hales (prepared by Albert Beaver)

SUBJECT: November 22, 1977 VTAE Board Meeting

This is a summary of the VTAE Board meeting held in Madison on November 22, 1977 which highlights the agenda documents and discussion of major interest to the UW System.

### Report by Ed Kehl, Chairman of the Wisconsin Advisory Council on Vocational Education

Ed Kehl reviewed the history of the Advisory Council which was established, in response to federal requirements related to the Vocational Education Act, to give advice to WBVTAE and DPI. The Advisory Council was reported to have had a continuing problem of role definition. Initially it attempted to participate in planning and evaluation of vocational education programs, then it went through a phase of research and data collection, and more recently it has developed findings and recommendations. Kehl noted that the Advisory Council is now initiating a study of the factors related to student dropouts and retention. The study is being conducted by both the UW-Madison and UW-Stout Vocational Education Centers. In summary it was reported that the Council is concerned about the degree of impact it has in having its recommendations implemented. Mr. Lehrmann noted that VTAE had been careful to avoid the appearance of attempting to control the Advisory Council but was interested in the Council's needs and recommendations.

The WBVTAE responded to the concerns being expressed by establishing a committee consisting of representatives of the Advisory Council, State Board staff, and DPI to improve communication and to work out the best kinds of relationships possible to make effective use of the Advisory Council.

### Report of the State Director

Lehrmann reported that HEW has recommended no increase in funds for fiscal 1979 for vocational education and a decrease of approximately \$40 million for support of consumer and homemaking programs as they are now constituted. He indicated that the impact of these recommendations along with the new federal requirements to develop a national vocational education data system would amount to a 25 percent deflation in the federal appropriation.

EXHIBIT C

Lehrmann announced that the Attorney General had advised all state agencies of the necessity to "study, develop, and describe appropriate alternatives to recommended courses of action in any proposal which involved unresolved conflicts concerning alternative uses of available resources" as required by the Wisconsin Environmental Policies Act (WEPA).

Lehrmann reported that Acting Governor Schreiber had reorganized the existing structure of the Governor's Manpower Office to provide a more effective system of job training and job placement.

The Board received a semiannual report compiling the significant activities of the State Board staff for the last half of fiscal 1976-77.

#### Policy Statement for Vocational Education in Wisconsin

The Board approved an extensive document of basic policy statements for vocational education in Wisconsin. This policy statement is intended to assist in the improvement of vocational education in Wisconsin through clarification of philosophy, restatement of principles, and categorization of statements of policy. The document may be used to give direction in decision making, orientation of staff, provide support in generating appropriate legislation, and to sustain the role of vocational education.

#### Legislative Audit

Chairman Johnson presented the Board briefing materials on the activities of the Legislative Audit Bureau. The LAB is reviewing the VTAE new program and course approval process and the ongoing program evaluation process. Board member Zien raised questions as to whether LAB would make determinations regarding the appropriateness of particular programs, i.e., success or failure or were they specifically containing their audit to the program review process. Lehrmann responded stating that the LAB staff were specifically auditing the process used by VTAE in program review.

#### VTAE/ECB/UWS Broadcasting Agreement

The Board approved a proposed VTAE/ECB/UWS broadcasting agreement to share information on plans and proposals before approving any new development or expansion of broadcasting facilities or capabilities. Upon approval by all three agencies, the agreement will be used as policy by the Educational Communications Board.

#### Affirmative Action Plan

The proposed VTAE Affirmative Action Plan was held in the District-State Relations Committee due to serious concerns expressed by some Board members. Board members Edward Hales and Zel Rice both stated the need to have more time to review the proposal because of its importance.

#### Nicolet Plan

The Board received a progress report on the legislatively required long-range program plan for Nicolet College and Technical Institute.

### New Program Development

The Board approved for development the following new programs:

Electro-Mechanical Technician, Associate Degree, Fox Valley  
Pharmacy Technical Aide, One Year Diploma, Lakeshore  
Civil Technology-Public Works, Associate Degree, Milwaukee Area  
Electronic Equipment Servicing, One Year Diploma, Moraine Park  
Electro-Mechanical Technician, Associate Degree, Moraine Park  
Real Estate, Associate Degree, Moraine Park  
Diesel Equipment Mechanic, One Year Diploma, Northeast Wisconsin  
Visual Marketing, Associate Degree, Northeast Wisconsin  
Paraoptometric Technician, Associate Degree, District 4  
Dental Assistant Equivalency, Less Than One Year, Moraine Park  
Food Service/Kitchen Helper, Less Than One Year, Southwest Wisconsin  
Advanced Production Agriculture, Less Than One Year, Wisconsin Indianhead  
Automotive Specialties, Less Than One Year, Wisconsin Indianhead

Three programs were reported as discontinued. In response to Board member Hales' inquiry as to the factors that led to discontinuance of the programs, it was reported that in each case the program was actually modified and renamed, but to clear the books it required Board action to discontinue the existing program.

### Governor's Conference on Wisconsin Economic Development and Vocational Education

The Board acted to provide leadership to the development of a Governor's Conference on Wisconsin's Economic Development and Vocational Education. Acting Governor Schreiber has requested Lehrmann to draft a proposal outlining the "purpose, scope, basic program; target group; state and other resources; and the estimated time factor" and to coordinate VTAE plans with secretary Jean Broeren of the Department of Business Development. Broeren has been requested to conduct a series of regional meetings with business leaders so the Executive Office can learn first hand of issues of great concern.

### Reports on Energy Education, Mining Education in Nicolet, VTAE Taxonomy

The Board received a report on activities in the area of energy education. State staff are providing leadership in the areas of external grants, initiation of institutes and seminars throughout the state, working with UW institutions in developing teacher training and in-service development programs. Attention was called to the participation of VTAE in the UW Extension energy grant.

Nicolet District is conducting a series of 16 community seminars on mining issues of interest to the public and with industry representatives is assessing training needs.

A draft report of the Task Force on Taxonomy was distributed for comment. The purpose of the taxonomy is to provide a logical and consistent format for better meeting information needs. The proposal is intended to have the capacity to provide adequate detail for operational uses by VTAE staff while permitting the aggregation of information for reporting and planning by district management, WBVTAE, and the federal government.



Annual Review Budget

Items submitted to the DOA for consideration in the Annual Review Budget included:

a. a request to amend statutes to provide State Board review of Board apportionment plans to insure compliance with equity distribution of women and minorities on District Boards. This would provide WBVTAE power to withhold or suspend state or federal aid to districts to enforce compliance.

b. a request for a budget adjustment establishing earmarked funding for sex bias elimination personnel.

c. a request for a budget increase of \$40,000 GPR to provide staff training beyond amounts available from the Educational Professions Development Act. These funds would provide training seminars and leaves for staff in Wisconsin business and industry so skills and knowledge can be refreshed and intensified. In addition, services of the UW would be used.

d. in response to the request of Zien a proposal will be prepared to indicate how VTAE could have used the dollars that have been cut from the VTAE budget over the past biennia.

REPORT OF NON-PERSONNEL ACTIONS BY ADMINISTRATIVE OFFICERS  
to the  
BOARD OF REGENTS  
AND INFORMATIONAL ITEMS REPORTED FOR THE REGENT RECORD  
9 December 1977

I. CONTRACTS AWARDED

A. UW-LA CROSSE

1. 1977 Coate Hall Corridor Acoustical Ceiling  
Repair  
University of Wisconsin - La Crosse  
(Project No. 7705-27)

CONTRACT AWARD

CONTRACT AMOUNT

a. Acoustical Plaster

Badger Plastering Inc.  
620 Copeland Avenue  
La Crosse, WI 54601

\$ 13,240.00

TOTAL CONTRACT AWARD

\$ 13,240.00

B. UW-GREEN BAY

1. 1977-79 Window Repairs - Library Learning Center  
University of Wisconsin - Green Bay  
(Project No. 7709-44)

CONTRACT AWARD

CONTRACT AMOUNT

a. Window Repairs

Fluor Bros. Const.  
P.O. Box 2326  
Oshkosh, WI 54901

\$ 11,944.00

TOTAL CONTRACT AWARD

\$ 11,944.00

C. UW-MADISON

1. 1975-77 Law Library Addition  
University of Wisconsin - Madison  
(Project No. 7603-01)

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>General</u>	
Gilbert Bldrs. Inc. 204 Industrial Dr. Madison, WI 53593	\$ 452,295.00
b. <u>Plumbing</u>	
H & H Industries Inc. P.O. Box 4267 Madison, WI 53711	\$ 13,733.00
c. <u>Heating and Ventilation</u>	
Badger Mechanical 1717 Nelson St. Madison, WI 53704	\$ 67,358.00
d. <u>Electrical</u>	
Academy Elec. Inc. 4810 Ellestad Dr. Madison, WI 53716	\$ 51,129.00
e. <u>Elevator</u>	
Otis Elevator 550 W. Jackson Blvd. Chicago, Illinois 60606	\$ 22,454.00
f. <u>Testing and Balancing</u>	
Bal-Air & Assoc. Inc. 1109 N. Mayfair Rd. Milwaukee, WI 53226	\$ 1,150.00
TOTAL CONTRACT AWARDS	\$ 608,119.00
2. 1975-77 Chilled Water Energy Metering University of Wisconsin - Madison (G.P.R. Bldgs.) (Project No. 7610-13)	

<u>CONTRACT AWARD</u>	<u>CONTRACT AMOUNT</u>
a. <u>Chilled Water Energy Metering</u>	
Johnson Controls, Inc. 1119 Jonathon Dr. Madison, WI 53713	\$ 121,700.00
TOTAL CONTRACT AWARD	\$ 121,700.00

3. 1977 Greenhouse Addition  
 Penninsular Experimental Farm  
 University of Wisconsin - Sturgeon Bay  
 (Project No. 7707-16)

CONTRACT AWARDCONTRACT AMOUNTa. All Construction Work

Winandy Greenhouse Const. Inc.  
 2211 Peacock Road  
 Richmond, Indiana 47374

\$ 23,349.00

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TOTAL CONTRACT AWARD

\$ 23,349.00

D. UW-MILWAUKEE

1. 1977 Single Student Dormitory Automatic Doors  
 University of Wisconsin - Milwaukee  
 (Project No. 6503-07)

CONTRACT AWARDCONTRACT AMOUNTa. Automatic Doors

Wisconsin Automatic Door, Inc.  
 4181 North 124th St.  
 Brookfield, WI 53005

\$ 2,879.53

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TOTAL CONTRACT AWARD

\$ 2,879.53

E. UW-OSHKOSH

1. 1975-77 Dempsey and Harrington Halls Insulation  
 University of Wisconsin - Oshkosh  
 (Project No. 7705-26)

CONTRACT AWARDCONTRACT AMOUNTa. All Contemplated Work

Kilbourn Roofing Co.  
 Route 1, Box 80  
 Wisconsin Dells, WI 53965

\$ 59,755.00

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TOTAL CONTRACT AWARD

\$ 59,755.00

F. UW-PLATTEVILLE

1. 1977 Student Center Roof Repairs  
University of Wisconsin - Platteville  
(Project No. 7707-28)

CONTRACT AWARD

CONTRACT AMOUNT

a. Roofing Work

MIRCO LIMITED d.b.a.  
Midwest Insulation & Roofing  
2705 Rhomberg  
Dubuque, Iowa 52001

\$ 34,137.00

TOTAL CONTRACT AWARD

\$ 34,137.00

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

- A. 1973-75 Medical Center - Phase II  
University of Wisconsin - Madison  
(Project No. 6406-16)  
Federal Project No. C06 - CA - 15002-01

1. Change Order No. G-II-34 ADD \$ 24,340.00

- B. 1973-75 Harvey Hall Remodeling  
University of Wisconsin - Stout  
(Project No. 7509-07)

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

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

- A. A Contract for Relocation Assistance Services between the Redevelopment Authority of the City of La Crosse and the Board of Regents has been signed by the Vice President for General Services. This contract covers the period October 1, 1977 through November 1, 1979.
- B. An agreement dated November 21, 1977 between the Board of Regents of the University of Wisconsin System and Complete Channel TV, Inc. providing for cable television service to the 2924 Harvey Street apartments has been signed by the Vice Chancellor for Administration, UW-Madison.
- C. An agreement between the UW-Madison and the University of Wisconsin Credit Union for its branch facility located at 1301 University Avenue has been signed by the Associate Vice Chancellor, UW-Madison. The term of the lease is from December 1, 1977 to December 1, 1978.

- D. An easement to the Wisconsin Power and Light Company at UW-Madison Arboretum's McKenna Pond has been signed by the President and Secretary of the Board, under authority granted by the Board in Resolution 518, (6-8-73).

IV. REPORT OF ACTIONS TAKEN BY THE STATE BUILDING COMMISSION ON 29 NOVEMBER 1977  
AFFECTING THE UNIVERSITY OF WISCONSIN SYSTEM

UNIVERSITY	PROJECT	ACTION
1. UW-LA CROSSE	Requested allotment of \$81,600 of State Building Trust Funds to plan, bid, and construct a 1977-79 Nine Building Masonry Repairs project.	APPROVED
2. UW-MADISON	Requested approval of the Concept and Budget Report for the 1975-77 McArdle Cancer Laboratory Improvements project, the release of an additional \$26,000 of Advance Planning Funds to prepare final plans and specifications; and, authority to bid and construct the project for an estimated total project of \$506,700.	APPROVED with the requirement that the University provide the Sub-Committee with a projected energy cost analysis at the next meeting.
	* * *	
	Requested authority to sell one 0.47 acre parcel of land for \$32,200.	APPROVED
	* * *	
	Requested authority to plan, bid, and construct a 1977 Cole and Sullivan Dormitories Roof Replacement project for an estimated total project cost of \$67,800.	APPROVED
3. UW-MILWAUKEE	Report on the Status of the 1977-79 Downer Complex Building Remodeling - Phase I project.	RECEIVED
4. UW-OSHKOSH	Requested authority to plan, bid, and construct a 1977-78 Kolf Physical Education Center/Maintenance Building Parking Area project, for an estimated total cost of \$68,000.	APPROVED
5. UW-PARKSIDE	Requested allotment of \$18,500 of State Building Trust Funds for a 1977-79 Miscellaneous Energy Conservation Improvements project.	DEFERRED until next meeting.

THE UNIVERSITY OF WISCONSIN - MILWAUKEE  
UWM Gay Community  
STUDENT UNION, Box 251, UWM

December 7, 1977

To: The Board of Regents, University of Wisconsin - System  
From: UWM Gay Community Organization

We request that the words "sexual preference" be added to the Regents' restatement of policy on Equal Opportunity adopted on August 15, 1975. With this addition, the policy would read:

" The University of Wisconsin offers equal opportunities to all qualified candidates. All educational programs and services, including admissions, and all employment opportunities, conditions, and benefits, including recruitment, selection, and assignment, are administered without discrimination on the basis of race, sex, sexual preference, color, national origin, age, religion, physical handicap, or veteran status."

Rationale

As the present policy reads, it is possible that the university could unjustly practice discrimination on the basis of sexual preference in employment and educational opportunities.

We would like this potential avenue of discrimination removed. Just as the currently stated reasons for non-discrimination have been known to have no correlation with job or educational performance, neither does one's sexual preference relate to job or educational performance. Sexual preference is a personal attribute like the other recognized categories and thus, should be included among them.

The University of Wisconsin has had a long tradition to "encourage that continual and fearless sifting and winnowing by which alone the truth can be found"; within this tradition therefore, there is no viable reason that a person should not be employed or educated, or should fear harassment or dismissal from this University because of his or her sexual preference.

Submitted by:

*Leon R. Rouse*

Leon R. Rouse, Student Representative

EXHIBIT E

# The University of Wisconsin System



6420  
SENIOR VICE PRESIDENT / 1738 Van Hise Hall / Madison, Wisconsin 53706 / 608/262-9784

December 7, 1977

TO: EDUCATION COMMITTEE AND OTHER REGENTS  
FROM: Donald K. Smith *Donald K. Smith*  
SUBJECT: 1978-79 Undergraduate Teaching Improvement Grants

I am happy to announce the recipients of the 1978-79 Undergraduate Teaching Improvement Grants. Twenty of the seventy proposals screened and sent forward by institution faculty review committees were recommended for funding by the System Undergraduate Teaching Improvement Grant Review Committee. Information about the twenty funded proposals is attached.

This year's System Review Committee considered proposals submitted in two categories: Category A, proposals developed by faculty at a single institution, and Category B, proposals developed by faculty at two or more institutions. Seventeen Category A proposals and three Category B proposals received favorable support. The concern which is felt throughout the System over the decline in undergraduate proficiency in such basic liberal arts skills as composition, computation and problem-solving is reflected in the significant number of basic skills proposals recommended for funding. In two instances, the Review Committee found well-prepared but quite similar basic skills proposals in Category A which might more effectively be completed as cooperative projects. With the agreement of the faculty involved, these cooperative ventures will be undertaken by UW-Oshkosh and UW-Parkside in basic writing skills and by UW-Platteville and UW-Whitewater in basic mathematical skills. A major interinstitutional effort will be undertaken by UW-Milwaukee, UW-Madison, and UW-Parkside, the development of a writing sample testing system to complement the Wisconsin English Placement Test created by System English faculty in the College Writing Association.

Among the other five proposals, two are designed to make advantageous use of faculty expertise within the System for the direct benefit of faculty. UW-Eau Claire will bring outstanding instructors from other UW campuses to give workshops for Eau Claire faculty on effective use of a variety of teaching techniques. In Category B, one proposal will further the goals of faculty development by creating a recent developments workshop for physics instructors who offer astronomy courses on campuses with limited faculty size; the disciplinary instruction will be given by UW-Madison astronomy faculty and participants will work on developing new instructional materials to use in their courses.

These are only a few highlights drawn from a group of proposals which include cooperative projects between librarians and faculty, interdisciplinary projects and innovative discipline-based projects. With the creation of the

## EXHIBIT F



of the System Undergraduate Teaching Improvement Council, an agency now exists for widespread dissemination of project results throughout the UW System. In addition, the basis for better communication with faculty whose proposals have been selected by institutional review committees but have not received funding at the System level has been laid. Finally, both this year's Review Committee and the Council have considered and are considering ways to continue to increase the effectiveness of the Grant program.

UNDERGRADUATE TEACHING IMPROVEMENT GRANTS  
1978-79  
RECIPIENTS AND PROPOSAL SUMMARIES

CATEGORY A PROPOSALS

CAMPUS	TITLE OF PROPOSAL	BUDGET REQUESTED	BUDGET FUNDED
Eau Claire	Peer Assisted Teaching Improvement Project (Nan Dougherty, English; John Whooley, Education)	\$3,500	\$3,500

The complex problem of upgrading and maintaining instructional effectiveness is continual, but it seems especially crucial in the period of "accountability."

One way to help upgrade teaching effectiveness would be through the development of a pilot study for peer-assisted teaching improvement. In a series of nine workshops, approximately twenty outstanding instructors from within the University of Wisconsin System would be invited to demonstrate the teaching methods they use most effectively and to analyze and suggest how other instructors might adapt these methods to other subjects.

For the pilot study, those attending the workshops would be limited to the faculty of the University of Wisconsin-Eau Claire. Both those who demonstrate the teaching methods and those who attend the workshops will be selected by the following from UW-Eau Claire: the two project coordinators, a panel consisting of a representative from the Schools of Arts and Sciences, Education, Nursing, and Business, and the Academic Vice Chancellor.

The study will be evaluated three times by the participants: (1) at the end of each workshop session, (2) at three-month intervals, and (3) at the end of the academic year. The most important evaluative criterion will be whether or not the participants have modified their own classroom performance in any way.

This study would be completed in the academic year of 1978-79. There would be a series of nine, three-hour workshops, one each month of the academic year.

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET FUNDED</u>
Eau Claire	A Multi-Method Instructional Approach to Organic Chemistry (Joel R. Klink, Chemistry)	\$8,401	\$7,951

An undergraduate organic chemistry course requires the learner to exhibit skills in utilizing abstract theoretical concepts in interpreting experimental data, visualizing and projecting three-dimensional structures, solving mathematical problems and memorizing, categorizing and reorganizing considerable material. Considering the diversity of learning skills required by the subject matter, it could be expected that a diversity of methods might also be required to achieve maximum teaching effectiveness. Whether the nature of the subject matter tends to determine the success of a teaching technique is to be investigated. Several different teaching/learning methods will be utilized for portions of the beginning organic chemistry course. Students will be exposed to each methodology in introductory units of study and then will be allowed a choice of teaching/learning method in certain subsequent units. Using a combination of multiple-baseline and reversal design research techniques, the significance of an instructional method relative to academic achievement will be evaluated. The accompanying study will attempt to measure the effectiveness of a particular teaching technique with given subject matter. The results of this study should enable a significant improvement in the overall design of introductory organic chemistry to be made.

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET FUNDED</u>
Eau Claire	A Proposal to Improve Students' Comprehension of Fundamental Geologic Concepts Through the Use of Satellite-Derived Imagery (James R. Wilson, Geology)	\$3,427	\$3,427

The purpose of this proposal is to develop an annotated set of visual aids and laboratory exercises utilizing satellite imagery of geologic features. The imagery (to be selected by the investigator) will be in the form of 35-mm slides and photographic enlargements. Students will learn to use a new research tool and will be able to duplicate or initiate problems in geologic research. Where used as only a visual aid, the imagery illustrates geologic concepts that may be difficult for students to visualize on the basis of their reading assignments. The number of students benefiting from the project is conservatively estimated as 789, all within the Geology Department. Other departments may find the material useful in their programs. The project is expected to be completed in time for use of the material to begin in Spring Semester, 1979.

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET. FUNDED</u>
La Crosse	Elementary Statistics with Exploratory Data Analysis (Thomas A. Aiuppa, Mathematics; Arden J. Ross, Mathematics)	\$11,309	\$3,880

Traditional statistical inference methods, hypothesis testing and confidence intervals do not adequately cover the expanse of problems involving data. After a course in statistics students often feel that unless they can test a hypothesis or construct a confidence interval that their data is useless. The purpose of this proposal is to research Math 205, Elementary Statistics, including exploratory data analysis.

Among other applications, exploratory data analysis can be used to summarize data, to detect outliers, to suggest transformations, to detect cycles and to interpret interactions. Some of these applications will provide sufficient analyses in themselves; others will be stepping stones to inferential techniques.

The research would include preparing a course outline; preparing notes, examples, and exercises; modifying computer subprograms to render them compatible with the existing university statistical packages; and, finally, evaluating the implementation of the exploratory data analytic techniques in Math 205.

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET FUNDED</u>
Madison	The Preparation of Study Films Designed for Facilitating the Acquisition of Skill in the Observation and Assessment of the Motor Development of Young Children (Lolas E. Halverson, Physical Education and Dance)	\$6,081	\$6,081

The Department of Physical Education and Dance at the University of Wisconsin-Madison has long been a leader in the area of movement analysis study. A substantial portion of what is known about the development of children's movement patterns beyond the age of two can be traced to studies completed at the University of Wisconsin. A unique longitudinal study designed to research change in the movement patterns of children is currently in its fifteenth year. It is likely that no other longitudinal study of this duration, evaluating changes in the movement patterns of children as systematically or thoroughly, has been completed or is underway.

In addition to this small sample, long-term, longitudinal study, a second shorter duration three-year longitudinal study has been completed and also provides added unique film resources.

This proposal will utilize these two unique research film resources in producing master-copy inter-negatives with sound track of 16-mm motion picture films. The materials will be designed to aid undergraduates in the acquisition of motor development information particularly centered on the movement pattern changes which occur throughout the developmental period of childhood through adolescence, and will be designed to aid undergraduates in the acquisition of observational skill in assessing the motor development of children and adolescents.

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET FUNDED</u>
Madison	A Proposal to Improve the Effectiveness of Undergraduate Instruction in Certain Business School Courses through the Use of an Interactive Display System and Computerized Mathematical Models (Craig E. Stanley, Real Estate and Urban Land Economics)	\$8,989	\$8,539

The proposed project will allow the effective integration of large and often complex models of the urban economy and other areas with typical classroom instruction and discussion. Using a large screen projection system and an intelligent terminal/monitor, the instructor will be able to interactively manipulate the mathematical model and immediately display the results to students thus facilitating student understanding not only of the model's structure but of its uses. Students will then find it much easier to operate and test the model themselves.

The proposed enhancement is a relatively new way of presenting the results of large urban, financial, and statistical models and of eliciting heightened levels of student interest, enthusiasm, and involvement. Since the program output is presented immediately, students quickly grasp the underlying assumptions of the model and its structure and are thus better able to utilize the model interactively themselves.

Under the current proposal, about 300 students per semester will initially benefit from exposure to the display system. The number will undoubtedly increase in the future as other faculty respond to the availability of programs.

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET. FUNDED</u>
Oshkosh	Adult Entry Model (Thomas Herzing, Continuing Education)	\$10,240	\$5,120

This proposal recognizes the special academic needs of adults over 25 years of age who wish to enter undergraduate programs. The Adult Entry Model will consist of four components: a non-credit adult orientation program which includes testing, counseling and assistance in matriculation; a one-credit elements of writing course; a one-credit mathematics elements course; and a one-credit reading study skills course.



<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET FUNDED</u>
Oshkosh	Integration of Government Document Resources into Course Work (Gerald J. Kreuger, Government Documents Librarian)	\$11,183	\$5,369

This project focuses on the use of resources in the Government Documents, Libraries/Learning Resources. Government publications are often overlooked by faculty and students, and this widespread problem has its roots in the ignorance on the part of the faculty, the students, and the librarians. Furthermore a lack of constructive effort toward any team-work between faculty and librarians deepens the problem. In this project by involving five teaching faculty members who offer over a dozen courses, the librarian will work closely with them in developing new courses and revising existing ones. The courses will include the extensive use of government documents.

The librarian will also develop library instructional techniques and materials specific to each class, compile reading lists, design evaluation models, and write the final comprehensive report on the project.

All the above can be readily utilized by other UW System institutions. This concept of "resource-oriented" courses will not only stimulate use of the government documents, but also generate interest in the development of new courses centered around library materials. Plans to present a workshop on the integration of government document resources into course work will be made at a WLA/WAAL (Wisconsin Library Association/Wisconsin Association of Academic Librarians) conference.

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET FUNDED</u>
Parkside	A Proposal for the Development of Audio-Tutorial Modules to Improve Basic Skills in Data Presentation, Interpretation and Analysis (Joseph S. Balsano, Life Science)	\$7,441	\$7,441

This proposal requests funds to develop two sets of audiovisual-tutorial materials concerned with improving basic, quantitative skills that are necessary to analyze and interpret data. One set of modules will focus on the presentation and interpretation of data given in graphical form; the other set will be concerned with data sampling and comparisons.

The modules are designed primarily for majors in the natural sciences, but are useful to various undergraduate disciplines that apply a quantitative approach to the interpretation of subject matter. These audio-tutorial modules would also be available to non-student members of the community. Awareness and skill with a quantitative approach is becoming more and more a requisite to function effectively in our modern industrialized society.

Each set will consist of a series of modules that contain a 30-minute video cassette that presents a single basic skill plus an accompanying packet of notes and work activities pertaining to the skill described in the video-tape. The first module in each series will deal with very basic information; subsequent modules will assume this basic information and go on to develop advanced skills. A booklet will accompany each series to list the modules in the series and to describe the learning objectives for each module plus the prerequisite to it. Hence, a student will be able to start the series at any level depending upon his/her present competence.

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET. FUNDED</u>
River Falls	Laboratory Experiences for an Undergraduate Course in the Physics of Musical Acoustics (Curtiss O. Larson, Physics; William Abbott, Jr., Music)	\$14,955	\$11,391

This curriculum project is interdisciplinary in nature. Dr. Bill Abbott, Professor of Music, and Dr. Curt Larson, Professor of Physics, plan to work together in the design of a Physical Acoustics of Music laboratory. A two quarter course in the Physical Acoustics of Music will be offered at UW-River Falls for the first time this year. The laboratory needs a great deal of work and some equipment and supplies. This project will provide the needed funds. The authors plan to make the results of the project available to all interested persons in the UW System.

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET FUNDED</u>
Whitewater	Bibliographical Training as an Integral Part of Instruction in Geology (Jack W. Travis, Geology; Russell F. Moratz, Learning Resources)	\$ 535	\$ 535

Knowing how to find information is essential to independent learning. Instruction in the skills of information-finding is most effective when it is jointly developed by teaching faculty and librarians and when it is fully integrated into instruction in every discipline. Unfortunately, neither teaching faculty nor Learning Resources faculty at UW-Whitewater have experience in the joint development of course-integrated bibliographical instruction. To correct this deficiency, a local model is needed--one based on techniques of proven merit, such as those employed at Earlham College, Richmond, Indiana.

After consulting faculty and librarians at Earlham College on course-related bibliographical instruction, the principal investigators will redesign, test, and evaluate parts of a basic course and several advanced courses in geology which are intended to encourage continued self-education by students by teaching them:

1. how knowledge of geology and related sciences is produced and organized, and
2. how to locate and gain access to this knowledge.

The instruction they develop and the skills they learn will serve as a starting point for similar improvement in other courses at the UW-Whitewater. Several hundred students will be the immediate beneficiaries of this project; as its influence spreads among faculty, many hundreds more will profit from it.

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET FUNDED</u>
Center System	Improvements in Microbiology Teaching at the Introductory Level (Millicent L. Kalil, Waukesha Center, Biological Sciences; Robert D. Pinney, Marshfield/Wood County Center, Biological Sciences; Alan D. Parker, Waukesha Center, Biological Sciences)	\$1,854	\$1,854

The proposal is to prepare a laboratory manual for use in a one-semester introductory microbiology course and to prepare a laboratory book for publication entitled "Microbiology Experiments for Teachers." The investigators feel that most laboratory manuals presently being published are inadequate for their courses. It is thought that a manual appropriate for their students will significantly improve their courses in microbiology. Approximately 250 students per year will benefit from their manual and much larger numbers of teachers and students in the United States and Canada could conceivably benefit from their book "Microbiology Experiments for Teachers." This book will be unique in its field since it will include types of information and methods for teachers never before available in unified form. The investigators propose to meet monthly from August 1978 through May 1979, half of the time in the laboratory of the Biology Department at the Waukesha Campus and other half of the time at the Marshfield/Wood Campus. During Friday afternoon and evening and all day Saturday including the evening the investigators expect to experiment with new methods and techniques and discuss results so that during the remainder of the month these discussions can be translated into new exercises in microbiology.

CAMPUS	TITLE OF PROPOSAL	BUDGET REQUESTED	BUDGET FUNDED
Center System	Interdisciplinary Physical Geography Laboratory Manual (Catherine H. Helgeland, Baraboo/Sauk County Center, Geography and Geology)	\$7,786	\$7,786

Funding is being sought to prepare an interdisciplinary physical geography laboratory manual for use in the Federal Correctional Institution at Oxford, Wisconsin. Inmate college students enrolled in Weather and Climate (Geography 123) and Physical Landforms (Geography 124) are intelligent and ambitious but are seriously handicapped in performing well in the course due to poor secondary school backgrounds, especially in mathematics and written communication skills.

Therefore, it is proposed that a laboratory manual be prepared which actively combines background information in mathematics needed to enhance understanding of geographical concepts with traditional physical geography exercises. Likewise, where needed, information on written communication skills will be included in the laboratory exercises, followed by the geographical information and problems.

It is hoped that this approach to learning will allow the poorly prepared college student to overcome his secondary school deficiencies as they relate to performance in college geography. At the same time, the approach should emphasize the importance of mastery of material in a variety of subjects as a vehicle to enhanced understanding in other disciplines.

The manual would be valuable in any college geography setting where a significant number of students are from a disadvantaged background or are adults who have not attended school for a number of years. The manual could well serve also as a pilot project for the development of college level physical geography courses in other correctional institutions. At the same time, there would be nothing in the manual which would preclude its use in a traditional physical geography course in any college setting. The interdisciplinary material included would merely be considered supplemental.

CATEGORY A PROPOSALS  
WITH A RECOMMENDATION FOR  
INTERINSTITUTIONAL COOPERATION

CAMPUS	TITLE OF PROPOSAL	BUDGET REQUESTED	BUDGET FUNDED
Oshkosh	Computer-Programmed Instruction in Elements of Grammar for Students with Remedial Problems in Writing (Douglas Kilday, English; Gary Kriewald, English)	\$7,050	\$15,300*

The following proposal describes a program for computerized instruction in essential principles of descriptive grammar designed for use by the large number of undergraduates at UW-Oshkosh with deficiencies in elementary composition. These deficiencies, which usually result from inadequate pre-college training, are particularly evident in five basic areas of descriptive grammar: (1) subjects and predicates, (2) verbs and verbals, (3) nouns and pronouns, (4) objects and complements, and (5) conjunctions. The program would offer one twenty-minute lesson in each of these areas, emphasizing identification of and sequenced drill in the grammatical principles pertinent to each area.

The proposed system is designed as an adjunct to the tutorial program in remedial composition now operating in the University Writing Clinic. To insure the maximum effectiveness of this program, it is essential to provide the student with an understanding of the elementary grammatical concepts necessary to comprehend the tutor's diagnosis of his compositional deficiencies. The practical value of the proposed system lies in its ability to relieve student tutors and composition instructors of the burden of technical explanations of grammatical concepts which the student should have assimilated prior to his entering college. The time thus saved by the program could be used to instruct the student in those advanced principles of English composition, particularly the construction of a variety of correct and intelligible sentence patterns--appropriate to a college-level curriculum.

\*A budget to be shared with UW-Parkside. Some adjustment in this total may be made after a new joint budget is prepared.

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET. FUNDED</u>
Parkside	Computer-Aided Instruction in Math and English in Parkside's Collegiate Skills Program (Samuel R. Filippone, Mathematics)	\$11,880	\$15,300*

This project will evaluate the effectiveness of computer-aided instruction (CAI) in teaching two of the basic skills--English composition and mathematics--of Parkside's Collegiate Skills Program. It will consider particularly the varied categories of students at different skills levels and the nature of the student body, consisting of commuters and many workers and adults. The project will draw on the following capabilities of CAI: individualization, interaction, self-pacing, and recording and analysis of responses. In its application to English composition it will use the basic sentence structure, approached through clause analysis of sentence types, as the framework for instructing the student in usage and mechanics as well as in stylistics--the confident and flexible building of sentences for effective communication. In its application to math the project will develop a CAI parallel to the algebra course sequence as an alternative in preparing for the competence examination. In both subject areas the programs will be designed for flexible use. In English the program will be intended for diagnosis, for instruction in weak areas, and as a major supplement to the remedial courses English 090 and English 100. It is expected also that program segments can tutor students in English 101 in areas of weakness and can provide a refresher for upper division students who are having writing difficulties. Segments of the math program will be used to supplement the teaching of students taking the algebra sequence in traditional classes.

The project involves two disciplines and two administrative areas of the university. It has wide support on the campus among colleagues who have agreed to donate their expertise and heads of programs who see the project as relevant to their instructional areas. Letters from other UW campuses indicate interest in the project as it may apply to their own programs.

\*A budget to be shared with UW-Oshkosh. Some adjustment in this total may be made after a new joint budget is prepared.



<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET FUNDED</u>
Platteville	Basic Mathematics Skills Revisited (Milton Mitchell, Mathematics; Frederic Tufte, Mathematics)	\$9,862	\$10,000*

This proposal is concerned with alleviating most of the deficiencies in basic mathematics skills which are exhibited by students enrolled in the freshman level mathematics courses 092 Elementary Algebra, 103 Mathematics for Elementary Teachers, 108 Elements of Mathematics and 113 Algebra. The deficiencies will be alleviated by testing the students to determine who has deficiencies, reviewing the basic skills, primarily by rote, using concise written materials and lectures, and setting up small group sessions with prospective mathematics teachers as tutors to help those students with the most severe deficiencies.

Briefly the proposal involves:

1. preparing six (6) forms of a basic skills test.
2. preparing brief written material which will provide a quick review of fundamental mathematics skills.
3. preparing six (6) concise lectures reviewing fundamental mathematics skills.
4. training student tutors to help those students with severe difficulties.
5. evaluating the program and materials.

The written materials and the lectures will be devised as a review of basic mathematics skills for college students and will attempt to minimize the time required to remove skill deficiencies while maximizing the students' abilities to do basic mathematics.

\*This proposal is to be undertaken jointly with UW-Whitewater. Some adjustment of budget level may be necessary after a joint budget is prepared.

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET FUNDED</u>
Whitewater	A Math Lab Approach to Teaching Basic Skills in Mathematics (Gary Klatt, Mathematics)	\$31,713	\$10,000*

The problem of students entering college with inadequate mathematics skills is not new. Recently, the problem has become so acute both in numbers of students affected, and in the depth of inadequacy that a new approach is necessary. Many students entering our basic algebra course are not completing it, or are barely completing it without being prepared for later mathematics courses. A large group of students have need for arithmetic skills before taking basic algebra. We wish to plan, develop and run during academic year 1978-79 a pilot project using a math-lab centered system to teach basic skills, i.e., arithmetic through basic algebra. The system will use student self-study, workbooks and other materials heavily supplemented by personal contact with faculty and student assistants in the math lab. Final planning and production of necessary materials will be done in Summer 1978. After running the pilot project during academic year 1978-79, we will revise materials and plan for the implementation of the math lab system as a permanent alternative for teaching arithmetic and basic algebra.

\*This proposal is to be undertaken jointly with UW-Platteville. Some adjustment of budget level may be necessary after a joint budget is prepared.

CATEGORY B PROPOSALS

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET FUNDED</u>
Madison; Whitewater	Workshop for Improvement of Instruction in General Education Astronomy Courses (Robert C. Bless, Astronomy, UW-Madison; Frank D. Stekel, Physics, UW-Whitewater)	\$13,858	\$12,644

There has been a rapid growth in enrollment in general education courses in astronomy. In many instances faculty from allied areas, usually physics, have been asked to teach these courses. An informal survey of faculty involved in teaching general education astronomy courses on campuses throughout the University of Wisconsin System has revealed:

1. A significant number of these people have their primary training in allied areas, not astronomy, and feel that a workshop to upgrade/update their backgrounds in contemporary topics in astronomy would be especially beneficial; and
2. The potential exists for significant developments in the production of instructional materials for use in general education astronomy courses through a joint effort involving staff from throughout the University of Wisconsin System.

This project proposes to operate a two-week workshop for 16 UW faculty members who are involved in the teaching of general education astronomy courses at campuses throughout the system. The workshop would be conducted on the UW-Madison campus from August 14-25, 1978, with Dr. Robert Bless of the UW-Madison Department of Astronomy in charge of instruction. Lecture-discussion sessions on contemporary topics in astronomy will be presented by Dr. Bless and other professional astronomers. In addition, seminars on the teaching of astronomy as a general education course will be included.

The project will culminate in the production of instructional materials by the participants for use in general education astronomy courses.

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET FUNDED</u>
Milwaukee; Madison; Parkside	Development of Writing Sample Tests and Reliable Evaluation Procedures (Virginia R. Bahe, English, UW-Milwaukee)	\$48,795	\$25,000

This three-campus project would develop and validate a pool of writing performance test items for revision and secure use later on campuses other than those used for tryout. The project also calls for trial testing of three different evaluational approaches: holistic, analytic, and a combination of both to establish reliability, analyze diagnostic potential, and to study costs of each.

Directions, user's manual and related computer programming for centralized processing are to be developed. All materials produced would be available as testing options to campuses throughout the UW System. Preliminary studies suggest that the project could provide significant innovations for unusually reliable performance-based assessment of writing. Accurate placement and diagnosis are critically needed in individualizing English instruction.

<u>CAMPUS</u>	<u>TITLE OF PROPOSAL</u>	<u>BUDGET REQUESTED</u>	<u>BUDGET. FUNDED</u>
System; Stout	Systemwide Bibliographic Instruction for Women's Studies (Esther Stineman, System Librarian-at-Large for Women's Studies; Joseph Hagaman, Instructional Developer, UW-Stout)	\$8,622	\$7,199

Courses offered through the various Women's Studies programs in the University of Wisconsin System embrace subject matter drawn from many of the traditional disciplines: history, literature, anthropology, sociology, and psychology, to name a few. It is a commonplace among faculty and librarians that materials in the Women's Studies area present unique problems to the undergraduate: (a) they are highly scattered across a range of disciplines; (b) they are particularly difficult to access through the standard abstracts, indices, subject headings and journals used by researchers in more traditional disciplines. Further, introductory courses in the Women's Studies area are frequently interdisciplinary in approach, often combining materials from the humanities and social sciences in a single course.

The goal of this proposal is for the Librarian-at-Large for Women's Studies to develop, with technical assistance and support from UW-Stout, five modules using a slide/tape format to introduce undergraduate students to the problems and pleasures of research methodology in Women's Studies. Each module will treat a separate area: history, literature, anthropology, sociology, and psychology from the perspective of an undergraduate student attempting to research a topic in Women's Studies. The fifteen-minute module will explore standard sources as well as more difficult-to-access information channels in the Women's Studies area. Bibliographies, problem worksheets, and evaluation sheets designed by the librarian will accompany each module. The Librarian-at-Large for Women's Studies will work closely with Women's Studies Coordinators and faculty committees as well as librarians throughout the system in developing the modules and implementing their use. During the pilot phase the Librarian-at-Large will demonstrate their use in classroom situations throughout the system. First locations for testing are: UW-Milwaukee, UW-Whitewater, UW-Eau Claire, UW-Madison, and UW-La Crosse.

Aside from the bibliographic assistance that the presentations will afford undergraduate students, the design of this project posits the value of faculty/librarian relationships. It will gather together Women's Studies faculty members and liaison librarians across the system for sustained dialogue on the topic of improving undergraduate instruction in this area; and it will stress the benefits of interinstitutional cooperation among the campuses in the University of Wisconsin System.

Approval of the 1978 Annual  
Review Capital Building Request

PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE:

Resolution 1577:

That, upon the recommendation of the respective Chancellor and the President of the University of Wisconsin System, the following list of major capital projects be approved and submitted for consideration in the 1978 Annual Budget Review Session:

<u>Projects</u>	<u>1978 Annual Budget Review Request</u>	<u>Prior Funding Authority</u>	<u>Total Project Request</u>
UW-La Crosse: Main Hall Remodeling	\$2,995,000 GOB <sup>(1)</sup>	---	\$2,995,000 GOB
UW-Stevens Point - Old Main Remodeling	990,000 GOB	\$700,000 GOB 140,000 BTF <sup>(2)</sup>	1,690,000 GOB 140,000 BTF (1,830,000)
UW-Oshkosh: Riverfront Stabilization and Adjacent Area Development	894,500 GOB	---	894,500 GOB
UW-Madison: Camp Randall Sports Center Roof	218,000 GOB 72,000 BTF --- (290,000)	180,000 GOB --- 180,000 PR <sup>(3)</sup> (360,000)	398,000 GOB 72,000 BTF 180,000 PR (650,000)
Lakeshore Improvements	175,000 Gifts 75,000 BTF (250,000)	--- --- ---	175,000 Gifts 75,000 BTF (250,000)
UW-River Falls: North Hall Remodeling	373,000 GOB	626,200 GOB	999,200 GOB
UW System Projects: Telecommunications Equipment Replacement	300,000 BTF	---	300,000 BTF
Handicapped Accessibility	4,610,800 GOB	---	4,610,800 GOB
Alternate Sources of Fuel for Heating/Chilling Plants	500,000 GOB	---	500,000 GOB

(1) GOB: General Obligation Bonding

(2) BTF: Building Trust Funds

(3) PR: Program Revenues

EXHIBIT G

12/9/77