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## **Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: July 14, 1978. 1978**

Madison, Wisconsin: Board of Regents of the University of Wisconsin System, 1978

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

Madison, Wisconsin

Held in the Clarke Smith Room, 1820 Van Hise Hall  
Friday, July 14, 1978  
9:05 A.M.

President Hales presiding

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

ABSENT: Regents Lavine, Thompson and Walter

Regent Fish moved adoption of the following resolution, the motion was properly seconded, and it was

VOTED, That the minutes of the Annual Meeting of the Board of Regents of the University of Wisconsin System held on June 9, 1978, be approved as sent out to the Regents.

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REPORT OF THE PRESIDENT OF THE BOARD

President Hales called upon Regent Beckwith to present the report of the Special Committee on the Role and Status of the Board of Visitors. Regent Beckwith stated the Committee originally consisted of Regents Beckwith, Erdman, Walter, and Visitors Brewster and Elvehjem. Later Regent Fitzgerald and Visitor Clark were added. He noted the matter came before the Regents at their June, 1977 meeting, at which time then Chancellor Young suggested there should be a change in the manner in which the Board of Visitors was constituted by reason of the fact that it had not been modified after merger. A committee was appointed and numerous meetings were held during the summer, fall and winter. Its initial report was submitted to the Board of Visitors for their comment and they were not enthusiastic about it. The Committee was reconvened and considered the matter further and the final report was submitted to the Board of Visitors and it has been approved unanimously by that Board. The report has also been submitted to the Council of Chancellors for their information and comment, and there have been no adverse comments.

Regent Beckwith said essentially the Committee concluded there was a continuing role for Visitors which should be preserved. He continued that after merger the Board of Visitors operated as a visiting group for the Madison and Milwaukee campuses, for the Center System, and to some extent for UW-Green Bay and UW-Parkside, but it had not really functioned as a Board of Visitors for the Chapter 37 campuses. It was determined that there was an important role to be performed in actually visiting and consulting with Chancellors, staffs, and faculty on each campus, but it was not practical nor possible for a single Board of Visitors to cover 27 institutions. There was the feeling that if possible, one Board of Visitors should be preserved, but there was final recog-

dition that one Board of Visitors could not cover the entire territory. The Committee also found that we ought not to create a circumstance where there is a special Board of Visitors for the Madison and Milwaukee campuses or to create a ranking among Boards of Visitors, so that to leave the Board of Visitors as it presently exists, serving two major campuses and the Center System, and then simply add on other groups, would make the other groups secondary in nature, and that seemed inconsistent with the philosophy of merger. The report (attached as EXHIBIT A) recommends that the present Board of Visitors be divided, and that the members could choose to join either a Board of Visitors at Milwaukee or Madison, and there would be additional Visitors nominated to fill out those Boards, and Milwaukee and Madison shall each have a Board of Visitors. The Chancellors of the other universities are authorized and encouraged to establish Boards of Visitors, but not required to do so. The Center System and Extension are authorized to establish a Board of Visitors, but they are neither encouraged nor discouraged to do so.

The membership of the Board of Visitors of each such Board of Visitors is to be determined by appointments made by the Board of Regents pursuant to nominations made by the Chancellors of the institutions. He recalled that there had been some concern expressed that if a Board of Visitors was composed of persons who were initially nominated by the Chancellor, it would lose its independence and would lose the ability to function as an auditing group. Regent Beckwith said the Committee was concerned about that because it is a real concern, but as a practical matter if there are to be as many as thirteen, fourteen, or fifteen Boards of Visitors, it did not seem practical that the Board of Regents could identify all the persons who would be nominated to such Boards and appoint them; so the task was left to the Chancellors to make the nominations, but the appointments will still be made by this Board. He said he felt that is important because it adds authority and dignity to the Board of Visitors, and is necessary for the monitoring function. Regent Beckwith said the present Board of Visitors was concerned that there may be issues of statewide and systemwide concern that a single Board of Visitors or a single institution would not normally be addressing. This concern was met by Paragraph 7. of the recommendations which permits this Board of Regents, but does not require it, to establish a Council of Visitors - a group consisting of two members of each of the Boards who could function to consider matters of systemwide concern, such as budget matters, and matters relating possibly to collective bargaining. The institutions that already have functioning Boards of one sort or another, such as Eau Claire, need not disband them, but they can convert them to Boards of Visitors by the process of attrition - reducing the membership to 15.

Visitor President Anthony Brewster stated that it is fair to say that the work that has been accomplished over the past year is in the best interest of the System. He complimented Regents Beckwith and Erdman and the other members of the Special Committee for the care, concern, and sensitivity they have demonstrated in dealing with the matter of considerable importance in the history of the University. He said he felt that the report, as it was finally developed, was not acclaimed by the Visitors, especially those who have done the work for a number of years, but he was content with the report as presented, and said the present Visitors are content with the report. He continued that the members of the present Board of Visitors ask those Chancellors who will be afforded an opportunity to have a Board of Visitors to examine the biennial report of the incumbent Board, from which they may well receive some guidance and direction if they determine they wish to proceed with the option given for a Board of Visitors of their choosing and confirmation by the Regents.

Regent DeBardleben noted that Paragraph 6 - 2 of the Report provides that the Council of Visitors is given authority "Upon request of the Board of Regents, or on its own initiative, to make recommendations to the Regents.", whereas individual Boards of Visitors have the power under like conditions and perhaps broader ones, not only to make recommendations, but to conduct inquiries and make reports, and inquired why the limitations on the Council that are not applicable to individual Boards. Visitor President Brewster responded that the Council of Visitors is a vehicle which may be used in a cautious experimental way to assist the Board in matters of Systemwide concern which the Regents themselves wish to be addressed. Regent DeBardleben stated that he was one of those who expressed reservations about appointments of the Board of Visitors by the Chancellors because he did not feel it is compatible with the philosophy, history, and tradition of the Board of Visitors, not only at this institution but in the country. He said it appeared that these Boards should be independent of the Chancellor and should be answerable only to the Board of Regents. He said that he felt Paragraph 6 creates an anomaly, but did not find anything in the points that have been mentioned by Regent Beckwith that are not the function of the Board of Regents. He stated that it appeared to him that we are creating another Board of Regents and he was going to vote against the resolution.

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

Resolution 1698: (Policy-New)

That, upon recommendation of the Special Committee, in order to assist and advise the Regents, System President and Chancellors:

1. Boards of Visitors shall be established by Chancellors of the University of Wisconsin-Madison and the University of Wisconsin-Milwaukee, with members of the present Board invited to accept appointment to either of the new boards.
2. Chancellors of other Universities in the UW System are authorized and encouraged (but not required) to establish Boards of Visitors.
3. Chancellors of the UW Center System and UW-Extension are authorized to establish Boards of Visitors, if they deem it appropriate.

That the Board of Regents may establish a Council of Visitors consisting of two members from each of the Boards of Visitors, designated by them, to consider matters of systemwide concern. Expenses related to the functioning of the Council of Visitors shall be supported by System Administration.

That bylaws adopted by the Board of Visitors and the Council of Visitors shall be consistent with recommendations and guidelines contained in the Report of the Special Committee on the Role and Status of the Board of Visitors dated April 14, 1978, and attached to this resolution. (EXHIBIT A)

That previous resolutions relating to the Board of Visitors of the University of Wisconsin System are rescinded.

Regent Lawton inquired if there was any estimate of the cost of the Council of Visitors. Regent Beckwith stated that he was unable to estimate at this time whether or not the cost of operating Boards of Visitors would be increased. He said the cost of a separate Board in Milwaukee probably would not be expensive because there would be less travel involved and we do not know yet how many campuses will establish Boards of Visitors. He said he did not feel we were talking about any significant budget, just minimal travel expense and the cost of lunch. Regent Fish inquired as to the funding of the Council of Visitors budget. Regent Beckwith stated that we have provided that this would be a System expense. He said he did not view the establishment of a Council of Visitors as being a duplication of the Regents, but there are times when it is useful to have a citizens' group which is knowledgeable of a university and supportive of the University System to help explain the role, function, and reports of certain university matters to the public, the Legislature, etc. He said there may be times when it is helpful to the Board of Regents to have a different group from the Board of Regents look into matters of Systemwide concern and act as a sort of a Committee of the Board of Regents to investigate something of that nature.

Regent Neshek inquired as to whether or not the Council of Chancellors was supportive of this. Regent Beckwith said it had been before the Council of Chancellors twice and in the first instance it was approved with one dissent, and in the last instance it was for information only.

The question was put on Resolution 1698, and it was voted, with Regent DeBardeleben voting "No".

At the request of President Hales, Senior Vice President Donald Smith reported on the current status of System Administration audit being done by the Legislative Audit Bureau. Vice President Smith referred to the Survey Report, dated July 7, 1978, (copy on file with the papers of the meeting), which the Legislative Audit Bureau will bring for approval to the Joint Legislative Audit Committee later this month. In accordance with the agreement reached by the Regents and the Legislature it is presented to the Regents today for information to see whether or not there are any serious concerns. He said System Administration had met with the members of the LAB audit team, reviewed this document, made some editorial suggestions, which were followed in the document presented, and found that from the point of view of the System audit team, headed by Vice President Lorenz, and which included the people responsible for the several offices that would be involved in the audit, that we had no objections to the audit on the grounds of infringement on any of the areas which we agree should be protected from scrutiny. He noted the audit areas are described and we were assured that if in the course of conducting a particular audit, the audit team concludes that they must change objectives or examine information not anticipated, that will be brought back to us, and in turn to the Regents prior to the time it is implemented; so in terms of the agreement he felt we had reached in discussion with members of the Legislative Committee, this is being followed scrupulously. He continued we accordingly have said we have no objection to this, but obviously we are not wildly enthusiastic about all this activity, but it seems to be the kind of examination of administrative procedures fully within the competence and perquisites of the Legislative Audit Committee.

Regent Barkla inquired as to the meaning of a "limited financial audit" of System administration travel vouchers. Dr. Smith responded that it is an examination of the actual travel vouchers applying to personnel in System administration and by the word "limited" they mean they have taken a particular sampling of years. It is not an audit of all of our vouchers. He said they think of it as a limited audit because it applies only to travel. Regent Beckwith inquired as to the estimated man hours involved in this procedure and the estimated cost. Dr. Smith noted that one of the audit questions on page 6 - how much of Central Administration personnel time is spent writing reports, reviews, studies, and audits - has resulted in our scrupulously recording the time spent on this audit and translating it into dollars. He said System Administration had reached an agreement recently that we would put our best thinking to work on how we could at least do a sampling in a particular period of time of total system time devoted to writing reports, responding to questions and otherwise meeting inquiries. He said it would probably be best to do this in the middle of Fall rather than during the Summer. He stated we get into the old problem of infinite regression of whether or not we will spend more time auditing how much time and money we are spending on responding to questions than we would by just going ahead and responding to them; so we are trying to get a sampling technique that would not escalate the total cost of time and money for us.

Regent Beckwith inquired if there had been an estimate by the Audit Bureau as to the amount of state non-university time that would be involved in this procedure. Dr. Smith responded in the negative, that is the responsibility of the Joint Audit Committee.

Regent DeBardeleben stated he was not concerned about how much time it takes Central Administration to answer these questions as he felt that is the primary function of Central Administration. He stated Central Administration is not involved in teaching or research and if they must answer questions about themselves, that did not bother him, but there are some matters in this proposal that do bother him a very great deal. He said he felt there is an unavoidable conflict of interest in Central Administration's position. Central Administration on the one hand has an obligation to be forthcoming and candid about its operation and it has an obligation on the other hand to protect the System against unwarranted intrusion by the Legislative branch of the government. He said he feared that undue sensitivity on the part of Central Administration about seeming to be less than forthcoming and candid may have lead it to accept some things in this proposal that perhaps should not have been accepted. He referred particularly to the material on page 5 relating to the determination of the adequacy of the process for developing decision item narratives (DINs). The analysis would include for selected FY 77-79 DIN's such determinations as the extent and sufficiency of:

- \* campus and Regent involvement in the process.
- \* supporting documentation for DIN's.
- \* alternatives considered.
- \* the relationship between DIN's, long-range planning papers, and UW binennial budget policy papers.

Regent DeBardleben said he felt these are substantive matters of academic policy which the Legislative Audit Bureau should not be involved in. He said this was discussed very briefly on the previous day in the Education Committee and Senior Vice President Smith said once these questions - for example - has there been campus or Regent involvement? - were answered yes or no, that would be the end of the inquiry. He said he did not read it that way - it says the analysis would include determination as to the extent and sufficiency of involvement. He inquired how can you determine the extent and sufficiency of campus and Regent involvement in a process unless you undertake the business of second-guessing what they did and deciding whether they did it right? He said you cannot do it. The same thing is true of the second item because you cannot answer that question yes or no, given the preamble to the point. You cannot answer the third question yes or no - alternatives considered - these people are going to be coming in and deciding what are the alternatives, which are being recommended, and did we select the right ones? Did the campus select the right one? Did Central Administration select the right one? He stated the same thing is true obviously that the last point cannot be answered yes or no. He said there are a number of things in the report that he objected to but felt this particular section is dangerous - he did not think it is proper and that we should be objecting to it. He said he did not believe it should have been agreed to and if it has been agreed to by Central Administration, this Board should withdraw it.

Senior Vice President Smith stated that he would speak in opposition to that point of view because he was a party to the agreement that this was appropriate and proper. He said we are talking about management performance in this audit and nobody knows quite what that is. They are auditing the management function to develop the biennial budget. He said we feel they have been very responsible in limiting their inquiry to the 1977-79 biennial budget, which is a matter that has been completed, and there is a total documentation on how it was developed -- who participated in the development of it -- what were the levels of decision making -- what were the concerns considered in the process -- and how were the DIN's developed. He continued that it seemed to him it is perfectly feasible for the Audit Bureau to write a detailed and accurate description of exactly how the System managed this particular process, which is a process which does have extensive involvement with the representatives of the institutions and ultimately with the Board of Regents itself. He said at this particular point he did not see any interference with the System. They are not talking about the current biennial budget. We are all being audited continuously by the DOA and the LFB on our current budget, and after the Regents act on this budget it will go down town and the first thing that happens is that the Department of Government goes into every one of the DIN's and makes detailed inquiry about the adequacy and sufficiency of support and the adequacy of the statistical analyses. The Governor's budget is frequently not the same as the one we have submitted, and is an independent initiative on the part of state government very frequently; therefore he did not see that we were moving into an area in which government has not been consistently and steadily. They are examining retrospectively our process. Dr. Smith said he had considerable confidence in the ability of an independent agency to describe it to the Legislature and increase confidence that this is a process which is very, very carefully undertaken and is very, very carefully managed, and is one of the most difficult and most significant processes the System has; so he really could not agree that this is an infringement or an intrusion. He said he felt for us to say that we do not welcome that kind of audit would simply deny what our relationship with state government has been consistently, and their responsibility to look into how it is that we bring in a request for

X millions of dollars of state funds. He said it deals primarily with the translation of purposes into dollars, and that is almost essential definition of the question of accountability. He said he did not see it as getting into the protected areas of classroom or curriculum or things of that sort.

Regent Johnson stated he felt that the VTAE Board faces the same situation and in the first instance his reaction was the same as Regent DeBardleben's. He said they were doubtful of what might come from this type of audit situation, but after discussing it with the people involved arrived at the same conclusion just expressed by Dr. Smith. Regent Neshek stated that the Regent members who worked with Central Administration on the matter were cognizant of the concerns initially raised in this area, especially relating to whether or not it would be an intrusion into the academic affairs of the System. He said it was felt very strongly that we would protect all the areas which involve academic affairs and intrusion would not be tolerated, but this did not appear to be an intrusion into an academic matter, and that while we may not like the audit, there certainly is a statutory basis for it. He said he wished to emphasize that our primary concern was to protect the academic areas and felt that it was successfully done.

Regent McNamara stated that philosophically he shared Regent DeBardleben's view, but also recognized the right of the citizens of the state through their elected representatives, to periodically take a look at our actions, especially since we constitute such a great part of the state's budget. He continued that at any time if audits do intrude themselves into areas that we think improper, we can make our objections known then. He was impressed by the sensitivity of the LAB personnel to our concerns and their willingness to confine themselves to the kind of auditing that they thought proper and we did not object to. He said he had no objection to continuing audits and felt administrative audits are proper, but if at any time the audit moves into areas of academic freedom or any areas that are the exclusive concern of the University, then he would join his voice with many others and object. He said at the moment he shared Regent DeBardleben's philosophical views, but supported Dr. Smith's practical translation of those views into action.

Senior Vice President Smith stated that he did not feel it appropriate that any action be taken unless the members of the Board wish on their own initiative to direct System Administration to take a position other than the one we have taken. In response to a question, Vice President Smith stated the first audit report should be received shortly after the work is completed in October and that the LAB personnel have indicated they probably will not have sufficient time to complete all of the elements listed in their report. He noted there are five members of the LAB audit team and it was his understanding the reports will come to us in draft form for commentary and reaction before they are prepared in final form, and we will have an opportunity to enter objections and interpretations if we believe there is anything on which they have not come to an agreement with us on the proper interpretation.

Regent Lawton stated that he was disturbed by the material on page 11, the rationale for elimination of academic affairs: general, in which the statement is made, "Primary functions in the areas of program approval, academic program audit and review, and academic personnel policy and administration are not recommended for audit prior to fiscal year 1979-80" . . . . "but should be considered in future audit planning." He inquired if anyone else was worried about this paragraph. Senior Vice President Smith stated this is a justification of a year-long survey that was made in the office of academic affairs, and particularly the process of new program approval and of program audit and review of personnel procedures. The survey report, which is very detailed



and followed visits to a large number of our institutions and visits with faculty, the Chancellor and his staff, we thought on balance was a very accurate and complete description of the personnel processes and the programmatic processes on the campuses in the institutions, and we thought on balance it reflected well on the System. It was clearly a survey and pointed out properly this is from an examination of documentation and a very strong interaction with the views of the administration at the campus level and the faculty committees as to how things look. All they have said here is we are not pursuing that area at this time, and they are repeating the conclusion of the former survey that this should not be re-examined prior to 1979-80. He said he felt it is a delicate question if the audit committee wants to have this audited, then he felt that this is an audit protocol that we will want to look at with extraordinary care and the Board may want to look at it with extraordinary care. He said in theory he felt it is practical for an audit to be made of those processes which is not an audit of anybody's qualitative decision as to what needs to happen to this program or that program. He said he felt this can be done, but we would want to look at the protocol very carefully. He said he wanted to give the audit team credit for developing the memorandum system of responding to a whole series of ad hoc questions which they had to deal with from the Legislature. By putting these into memo form, they do not become part of a massive report which would then be incoherent.

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#### REPORT OF THE PRESIDENT OF THE SYSTEM

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

Resolution 1699: That the Report of Non-Personnel Actions by Administrative Officers to the Board of Regents and Informational Items Reported for the Regent Record be received for the record; and that actions included in the report be approved, ratified, and confirmed. (EXHIBIT B, attached)

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President Young made the following comments: Yesterday in the enlarged meeting of the Business and Finance Committee, we had considerable discussion of what has happened to the budget. That discussion was reported very fully in the local newspaper and if anyone wants to review it, it is well reported there. In my comments I suggested I believed that we were maintaining quality, and Regent DeBardeleben raised what is really a very fundamental question, which is are we, and can we, keep on doing it in the face of this constant pressure of budget, more students, and inflation, etc. We have made a start at answering those questions, but the real question is the quality of our research, and this might well be a subject that the Milwaukee and Madison Boards of Visitors might look at, and it would be a very good way for them to find out what the meaning of the University is. Budgets really do not tell the story of the quality of research as between applied or basic research, nor do the figures on research of the University. The great bulk of the research in the University is not funded - it is what the Professors do after they carry a full teaching load - the work they do with their graduate students, the theses they supervise, the books they write, and the publications of faculty members, which are really the product of research. An independent group audited research done by the School of Journalism at Madison and found that more research was done there than anywhere else in the country. Any institution that ranks in the first ten over and over again in any of their departments is doing a lot of research and this is not necessarily budgeted research.

I have been tremendously impressed with the amount of research that is being done by people who are so-called full time teaching faculty. It is dangerous to pick out institutions or people, but among the very impressive groups of faculty that I met with, at the Wausau Center they are working as intensely as any faculty group I have ever run into - doing research, getting their things published. There are two kinds of publications, the type where I go to a meeting or symposium and they guarantee that no matter what I say, they will print it - that is one kind of publication. Another kind of publication is that in which the researcher submits the publication to a learned journal which has peer review. They send their materials around to competent critics and then decide what is important enough to publish. It is that kind of research over and beyond teaching that has increased and continues to increase. I am occasionally asked by citizens and sometimes students why we insist on so much research, and in fact, why do we insist on publication. We do not insist on it, publication is insisted upon by the individual himself or by his peers. There is peer pressure to keep up in the field, to be knowledgeable, to be able to talk to one's associates, to know what is going on, and there is no way one could stop people from doing this kind of work. I am convinced it is there, but having a Board of Visitors look at it, find it and recognize it, would give encouragement to the people who are doing it.

In 1968-69, the GPR research to the System was \$11,000,000, and the total funds budgeted as research was roughly \$53,000,000. In 1973-74 the GPR part had gone up to \$15,000,000 and the total had gone up to \$74,000,000. By 1978-79 the GPR had gone up to \$21,500,000, and the total research funds to \$106,000,000. However if you take those dollars and deflate them by the cost of living index, we discover that from 1968-69 the GPR remained almost exactly the same, \$11,327,000 to \$11,473,000. The total funds went up from \$52,000,000 to \$56,500,000; so the number of real dollars insofar as they are measured by the cost of living deflator, which is very largely salaries, were similar. One could conclude from this that approximately the same amount of dollars are being expended in 1978-79 as in 1968-69 for research. This is the part that is budgeted research and it may be more applied or more basic - that we have to investigate. It does not account for the research I talked about previously, which is a great bulk of the research that the faculty member does in addition to his or her teaching. We intend to bring you a much fuller report on these matters, which will show the relationship between the research budget and the total budget over time, but also we will furnish our estimate of the kind of research we are doing - basic research or just some routine testing. I do not think we are increasing our testing routine or applied development research as the faculty members do not like to do that type of work. They are not interested in repeating something over and over again. We will have to ask that question of the Chancellors and we may want to have the Visitors look into the matter.

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#### REPORT OF THE EDUCATION COMMITTEE

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

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

Resolution 1700: That, upon recommendation of the President of the UW System, L.R. 3.1, The Demographic, Academic and Economic Context, 1979-83, dated July, 1978, be approved. (EXHIBIT C, attached)

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

Resolution 1701: That, upon recommendation of the President of the UW System, L.R. 3.2, Academic Planning Principles, 1979-83, dated July, 1978, be approved. (EXHIBIT D, attached)

Regent Lawton stated the proposed amendments to the UW-Parkside and UW-Milwaukee Faculty Personnel policies and procedures have been approved by the respective chancellors, faculty senates, and System Administration.

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

Resolution 1702: (Policy-Revised)

That, upon recommendation of the President of the UW System and the Chancellor and Faculty Senate of UW-Parkside, the following amendments to the UW-Parkside faculty personnel policies and procedures as required under UWS 2.02 be approved.

Chapters 40, 41, 46, and 47. Renumber these Chapters as 1, 2, 6, and 7.

Section 2.015. Add the following new section:

Graduate Faculty

Any person holding a faculty appointment under UWPF 1.03(8) shall be a member of the graduate faculty. Graduate faculty rights and privileges shall include, but not be limited to, the right to serve as chairperson of a graduate advisory and/or research/thesis committee, voting privileges in elections for members of any faculty committee created to deal with graduate programs, and service on any faculty committee created to deal with graduate programs.

Section 6.07(1)(c). Strike the words "for its advice" at the end of the first sentence. Add the following sentence to the section: "A copy of the transmittal letter shall be simultaneously sent to the dean."

Section 6.07(1)(d). Strike the words "the program faculty (program faculties in the case of a joint appointment)" and the following comma.

Section 6.07(2)(d). In the last sentence of the paragraph defining service, strike the words "beyond mere membership to the organization," and insert the words "to the."

Section 6.07(3)(c). Strike this paragraph and renumber succeeding paragraphs.

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

Resolution 1703: (Policy-Revised)

That, upon recommendation of the President of the UW System and the UW-Milwaukee Chancellor and Faculty Senate, the following amendments to the specified sections of the UW-Milwaukee faculty personnel policies and procedures as required under UWS 2.02 be approved:

Section 5.00 Strike the words "UWM Regulations" and add "UWM Policies and Procedures" in the second sentence. Strike the period at the end of the second sentence, add a comma, and then add the following, "together with the written statements of criteria for renewal of appointment and promotion to tenure rank specified in Chapter 3.17 and 4.05(1). When a Department is a member of two or more Divisions, the criteria formulated by each Divisional Executive Committee are included."

Section 5.171 Strike the second and third sentences and replace them with the following:

"The notice invites the faculty member to review personal vita and supporting materials, and to submit additional written material the faculty member deems relevant. The notice shall inform the faculty member that the faculty member has the option of making a personal presentation to the executive committee at the meeting at which the faculty member is to be considered. The notice shall further inform the faculty member that the portion of the meeting during which the faculty member is to be considered may be closed or open as determined by the executive committee consistent with the statutes pertaining thereto."

Section 5.181 and 5.183 Strike the words "University Committee" in these two sections and replace them with the words "Faculty Appeals Committee."

Section 5.20 Insert the following as a new 5.20:

5.20 Procedures for Promotion to the Rank of Full Professor

Positive recommendations from the departmental Executive Committee are directed to the Dean of the School or College. Upon receiving the recommendation and the accompanying documentation, the dean transmits the materials to the appropriate Divisional Executive Committee for advice. If the Committee's recommendation is negative, the Chairman first notifies the Department Chairman and the faculty member concerned; provisions regarding reconsideration and written reasons as outlined in 5.177 will apply. If the recommendation of the Divisional Executive Committee is positive, it is transmitted directly to the dean. If the dean does not accept the Committee's positive recommendation, the dean notifies its chairman, the Chairman of the departmental Executive Committee, and the faculty member concerned; the faculty member may request written reasons and/or reconsideration as in 5.176(2). The dean transmits all actions to the Chancellor with the dean's recommendation.

Renumber the present Section 5.20 as 5.21 and renumber the remaining sections of Chapter 5 accordingly.

(Continued)

Section 5.44(5)(a) Strike the existing language in 5.44(5)(a) and replace it with the following:

5.44(5)(a) Upon referral by the University Committee, conducts fact-finding concerning allegations of misconduct made against one or more faculty members or against a faculty body and makes recommendations to the Chancellor concerning disciplinary action, or appropriate corrective non-disciplinary action. The Committee may consult informally with individuals concerning questions which may lead to allegations of misconduct prior to the filing of formal complaints with the University Committee.

Regent Lawton stated that in the Committee meeting on the previous day Senior Vice President Donald Smith made reports as follows:

**(1) Information Report on Academic Changes Approved by the System Administration 1977-78**

There were no questions or changes by the committee members present.

**(2) Academic Affairs Accomplishments for 1977-78**

Dr. Smith noted the benefits of taking account of the past year's accomplishments in charting the course for the year to come. Committee members took the occasion to discuss the relative merits of periodic reporting of institution entitlement to plan requests which are denied at some point. Regent Lawton recalled that a year ago he had asked for such a report, but a general aversion to requesting additional reporting and listings was expressed. He stated Dr. Smith commented about the relative non-adversary status of communications between institution faculties and System Administration with respect to entitlements to plan which has developed, noting the possible effects of a reporting system which would assign to various levels of administration "credit" for the number of entitlements to plan which have been vetoed. There seemed to be agreement, not unanimous, regarding the need to preserve a balance between the integrity and freedom of the institution, on the one hand, and the responsibility necessarily centralized in Central Administration and the Board of Regents on the other. Regent Lawton reported Regent DeBardeleben expressed some reservations about our entitlement to plan procedure and that he expressed reservations about not knowing what had been vetoed. Regent Lawton said he did not think either he or Regent DeBardeleben was totally satisfied with the answers but both were motivated in trying to preserve the freedom of the faculty, but having different viewpoints of how it should be done.

**(3) Academic Affairs Work Plan for 1978-79**

Regent Lawton reported discussion related to the absence of any reference in the statement of planned activities to an inquiry into the extent to which scholars interested in basic research may be impeded or limited because of the unavailability of research support. He stated Regent DeBardeleben particularly expressed his concern that in recent years there has been no check of the extent to which UW-Madison is or is not fulfilling its role as a major research

resource to the nation in comparison to its performance in the past, and emphasized basic research in contrast to some of the others. He reported Regent DeBardeleben said it is appropriate that the Board of Regents should be concerned with whether research aspirations and responsibilities are being realized and, if they are not, what the problems may be. Regent Lawton stated Vice President Smith requested that the minutes record his comment that he agrees with Regent DeBardeleben's remarks and signified the intent to address the request as though it were included in the list of planned activities for 1978-79.

(4) Report of Monitoring Activities Related to Academic Program Audit and Review

Regent Lawton reported Senior Vice President Smith briefly reviewed the history of the development of academic program audit and review in the UW System as a fundamental function of the institutional faculties and administrations. He stated that Associate Vice President Dallas Peterson and Senior Academic Planner Albert Beaver have discussed the audit and review process and results with faculty and administrators at all of the System institutions but two, and they have been scheduled. Regent Lawton reported Vice President Peterson spoke of the change that has occurred in the attitudes of faculties and administrators toward the audit and review process. He stated that this change has resulted primarily from the willingness of the Board of Regents to accept the concept that program audit and review is best done at the institutional faculty level. He noted that no two of the System institutions are exactly alike and consequently audit and review approaches differ from campus to campus. He observed that the institutions are being encouraged to develop follow-up procedures for the recommendations which result from the audit and review process. Regent Lawton reported that UW-Milwaukee Vice Chancellor Walters, UW-Parkside Chancellor Guskin, and UW-Extension Chancellor Evans made brief comments about the program audit and review experience at their institutions.

(5) Response from Iowa Coordinating Council on Post-High School Education to UWS Inquiry on the Subject of Tuition Reciprocity

Regent Lawton reported Vice President Smith referred to a recent letter from Robert J. Barak, Corresponding Secretary, Iowa Coordinating Council on Post-High School Education, stating that the Council has concluded that "Iowa should not enter into such agreements at this time," and that "there is little interest in further discussion of this type of reciprocity." The Council did recommend, however, "that the separate area vocational-technical schools and community colleges continue to pursue agreements with other institutions and agencies on an individual basis." Regent Lawton reported Regent Fitzgerald and Chancellor Carrier (UW-Platteville) suggested exploration of possible agreements between the three private colleges in Dubuque, Iowa and UW-Platteville whereby Dubuque students might be enabled to enroll at in-state tuition rates in certain UW-Platteville programs, such as engineering and agriculture, which are not available at the Dubuque institutions. These possibilities will be pursued.

(6) University Faculty Association Insurance Program

Regent Lawton reported Senior Vice President Smith and Associate Vice President Robert Polk informed the Committee of the intent to bring a recommendation to the September Regent meeting to extend the University Faculty Association term life insurance program to all faculty and academic staff in the merged System.

Regent Lawton reported Dr. Smith notified the Committee of a recent conference at Wingspread on June 16 sponsored by the American Council on Education, "National Identification Program for the Advancement of Women in Higher Education." The program is concerned with identifying and giving visibility to women who have shown promise as candidates for major positions in academic administration. He also advised of a June 19-20 UW-System-sponsored Math Anxiety Clinic for members of UW System mathematics departments and for staff members of counseling centers to acquaint them with special counseling and teaching strategies to help overcome math anxiety and math avoidance among students and older adults. Marion Swoboda, Assistant to the President, has been designated state coordinator for the National Identification Program. The Math Anxiety Workshop was organized and coordinated by Ms. Swoboda.

Regent Beckwith noted that in the informational report on academic changes at Green Bay there is an indication that the Department of Environmental Administration has now become the Department of Public and Environmental Administration. He inquired if this is a change in content, or someone's idea to make the title a little grander. Dr. Smith responded that it is a part of a program that has been undertaken by the faculty and administration at Green Bay to provide greater clarity in the titles of their programs as to the nature of the content of those programs and the kinds of careers they may be linked to. The addition of the word "public" is intended to make more clear to students and high school counselors the implications of a particular program and does not represent a change in content or courses in environmental administration that are being taught. He stated the same is true of the LaCrosse report where they have added the word "Environmental" to Center for Regional Studies. Regent Beckwith stated that he assumed that the Department of Philosophy/Religious Studies at UW-Whitewater is a comparative religion. Dr. Smith responded that is again an effort to communicate with students in their Philosophy Department and is intended to make it easier for students to plan when they see it in the title of their program.

Regent Erdman noted that our Schools of Education are a very large part of most of our institutions and we have done a number of audits- Medical Technology Audit, the Nursing School Audit, an audit which is presently going on - the Fine Arts Audit, etc., which have been extremely helpful. She inquired if there are any plans for an audit of the education schools. Dr. Smith stated there is a major study underway and there is a reference to that study both in the accomplishments for the last year when it was initiated, and in the work plan for next year. It is a study of the education profession systemwide. He stated we have made that study somewhat on a planning model used for the health sciences, with representation not only from within the System, but also from the Department of Public Instruction, the institutions themselves, and the public. The Council is in six sub-committees, each of which is engaged in studies of a particular dimension of the education professions, and those reports as they are produced by the sub-committees will go to the council and as they are satisfied and recommended by the council, they will come to the System Administration and the Board of Regents. He said it is an extremely sensitive and difficult study and one that operates against a changing data base. He said he noted this morning that the enrollments in the education professions nationwide have declined for the sixth straight year, and although he was reassured somewhat by the lack of statistical evidence in the article that we have begun to see long range projections saying that the much discussed over-supply of teachers may reverse itself by the latter part of the next decade into a significant shortage. He continued that he did not know if that could be validated or not by this particular study and felt it will not be wholly validated, but he felt the study is

important because we have had so many experiences in higher education of a sort of metronome effect where we get an over-supply, a market reaction on the part of students on completion of degrees. By the time the market has reacted, the over-supply has disappeared and the pipeline is insufficient for demand; so this part of the study is to be a recommendation for an analysis over a full decade. Regent Erdman inquired if the study will analyze each of the Schools of Education as to its quality and meeting of current needs. Dr. Smith responded that it will give data and profiles on each of the schools and the trends within them, but was not sure it was going to be within the competence of the task forces dealing with planning problems to deal separately with the question of qualitative review of the school, which would take a different kind of committee.

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#### REPORT OF THE BUSINESS AND FINANCE COMMITTEE

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

Regent Grover stated that the 1978-79 operating budget was considered in the Committee meeting on the previous day, with all Regents invited to attend. In summarizing the budget, President Young noted that it was built on appropriations and projections contained in the biennial budget action, as adjusted in the 1978 annual review. This budget will also be the basis for the preparation of the 1979-81 biennial budget and the four-year planning process which is required. He stated President Young pointed out instruction, continuing education and physical plant workloads have increased substantially since merger; yet the System has only provided 55 more GPR and fee-supported positions than were provided in 1972-73. During this time, however, the equivalent of 8,000 full-time students has been added. The proposed budget for 1978-79 is \$863.8 million. It was noted that of the \$71.1 million increase in the total budget, only \$28 million is from tax-supported funds. The most significant cost item in the budget is the salary increase of 7- $\frac{1}{2}$ % for faculty and academic staff and comparable appropriations for classified staff, which were legislatively appropriated. Overall, the budget is increased by 9%, but the most significant fact is that the state tax-supported portion of it is only 7.6%. Regent Grover stated there was discussion relating to the level of funding for basic research programs and whether there are increasing levels of support for research. System staff indicated that an analysis of basic research dollars this year in relation to last year, 5 years and 10 years ago would be prepared to determine how well (or poorly) the UW System is doing.

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

Resolution 1704: That, upon recommendation of the President of the System and the Chancellors, the University of Wisconsin System Operating Budget for the fiscal year July 1, 1978 through June 30, 1979, in an estimated amount of \$863,778,401, be approved and that System Administration be authorized to make necessary final accounting changes, including reflecting the distribution of classified salary adjustments. (Book A, 1978-79 Annual Budget Documentation, on file with the papers of the meeting)

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Regent Grover stated that during the discussion of the Long-Range Planning Paper 3.4: Fiscal Management Planning Principles, 1979-83 in the Committee meeting on the previous day there was a question raised as to the manner in which the planning requirements by the individual universities relating to staffing needs, programmatic array, etc., as contained in this document would be reported to the Board. Also, since the planning cycle is essentially on a four-year basis, there was question whether some of the considerations to be faced could be addressed in that short time frame. It was felt that the planning process would allow regular reporting to the Regents. He noted there was also brief discussion relating to follow-through on the development of a reciprocity agreement with the State of Iowa as well as a suggestion that there be some effort to secure legislative support for the concept of lowering out-of-state tuition at those universities bordering neighboring states to increase enrollments at those schools.

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

Resolution 1705: That, upon recommendation of the President of the UW  
(Policy-New) System, L.R. 3.4, Fiscal Management Planning Principles,  
1979-83, dated July, 1978, be approved. (EXHIBIT E, attached)

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Regent Grover reported that Mr. John W. Coe, Higher Education Consultant for the Wisconsin Education Association Council, provided the Committee with an informational report relating to implementation of an early retirement option for the UW System's academic staff and faculty. Following Mr. Coe's presentation, Professor Anatole Beck, representing the United Faculty Association, and Professor Edward Muzik, Executive Secretary of TAUWF, indicated their groups are interested in and working on presentations relating to this topic. Regent Grover stated that the Committee indicated that it was interested in additional information and statistics on this topic and would be interested in future presentations if there was indication that there was universal faculty interest in and support for the concept.

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

Resolution 1706: 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 moved adoption of the following resolution, the motion was seconded by Regent Neshek, and it was voted:

Resolution 1707: That, upon recommendation of the President of the System, the following contract be approved, and that the appropriate officers be authorized to sign the agreement:

TRW Defense & Space Systems Group, TRW, Inc.,  
Redondo Beach, California, Advanced Fuel Multipole  
Reactors for the period 07-01-78 thru 09-30-79  
AWARD # Subcontract #H39978DBES  
MSN, ENGR, EES-Nuclear Engr (133-C356) \$80,000.00

Regent Grover reported that the late Alfred H. Wagner bequeathed \$1,000 to the McArdle Memorial Laboratory for cancer research.

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

Resolution 1708: That the bequest of the late Alfred H. Wagner, Sheboygan, Wisconsin, to the University of Wisconsin be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the Last Will and Testament of Alfred H. Wagner, Deceased; and that the Secretary or Assistant Secretary be authorized to sign a receipt on behalf of the Board of Regents of the University of Wisconsin System for this bequest, and to do all things necessary to effect the transfer of this bequest to the University of Wisconsin-Madison.

Regent Grover reported that the late Ervie Matthies bequeathed \$2,000 to the University of Wisconsin for a scholarship fund for needy students. Upon recommendation of the Senior Vice President, it is recommended that the fund be administered by UW-Extension.

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

Resolution 1709: That the bequest of the late Ervie Matthies, Sheboygan, Wisconsin, to the University of Wisconsin be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the Last Will and Testament of Ervie Matthies, Deceased; and that the Secretary or Assistant Secretary be authorized to sign a receipt on behalf of the Board of Regents of the University of Wisconsin System for this bequest, and to do all things necessary to effect the transfer of this bequest to the University of Wisconsin-Extension.

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

Resolution 1710: That upon recommendation of the Chancellor, UW-Madison, and the President of the System, the offer of a gift by Anatole Beck, Madison, Wisconsin, of \$100, the income only to be used annually for an award to buy books for a white woman student who is an active member of the Society of Friends, be rejected.

Regent DeBardeleben inquired of the reasons for rejection of the above resolution. President Young stated that his reason for the recommendation was in support of the Madison Chancellor's recommendation. He said that as Chancellor at Madison he intended to make a similar recommendation because he felt that to single out someone or some class of people who seemed in no way particularly disadvantaged to get preferential treatment is improper in terms of all the discussion previously heard by this Board. He said that this is a test case because someone sincerely opposes a procedure that allows the Board to make some discrimination judgments on the basis of background. He said he felt this recommendation is improper and recommended against it.

Regent DeBardeleben stated that it appeared to him there are two kinds of restrictions in this resolution. The resolution would have presented a clearer case if Professor Beck had left out the words "the income only", so that it would have read, "a gift by Anatole Beck of \$100 to be used for an award to buy books". He continued we might want to reject this resolution on the basis that it isn't practical to administer the income of \$100 for one year to buy books -- one probably wouldn't be able to do anything except buy a paper back -- but he did not feel that is what Professor Beck had in mind. He said he felt that what he had in mind was to test the policy, and that it was a laudatory motive in the way of bringing to us the very real concern felt by members of the University community and of citizens throughout the state about this policy, and this resolution seems to violate it. He continued that as he recalled the policy it is that when these restrictive gifts come in, we were going to accept the gift and try to remove the restrictions. He continued that it seemed that what President Young is saying is that \$100 isn't enough to bother with and what you are really objecting to are the restrictions in the gift. He stated what bothered him about this recommendation to the Business and Finance Committee is whether we are going to say to the people in the University and the state of Wisconsin that we are not going to receive a discriminatory gift for \$100, but if it is a discriminatory gift for \$10,000, we will try to remove the restrictions. He said he did not like that kind of discrimination and therefore moved to amend the resolution by adding at the end the words "because the restrictions are not acceptable", and the motion was seconded by Regent Barkla.

Regent Beckwith stated that as he recalled the earlier discussions, we will seek to remove restrictions in the case of bequests through court procedure because the person making the bequest is no longer with us. In this case Professor Beck is very much with us, and the then Chancellor Young did ask Professor Beck to remove these restrictions and he refused to do so; so we have followed our policy consistently. He said he did not have any quarrel with the amendment but felt we are consistently following our policy. Regent Lawton agreed, stating that the amendment not only would, but is designed to muddy the water and create consternation in the future. He said we have spent so much time on this, and had no desire to do that and opposed the amendment.

The amendment failed on a roll call vote, with Regents Barkla, DeBardeleben, and Fitzgerald voting "Aye" (3), with Regents Beckwith, Erdman, Fish, Grover, Hales, Johnson, Lawton, McNamara and Neshek voting "No" (9), with Regent Gerrard not voting, and Regents Lavine, Thompson and Walter absent.

The question was put on Resolution 1710, and it was voted.

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

Resolution 1711: That upon the recommendation of the President of the UW System authority be granted to lease the following property to the Department of Natural Resources for use as public hunting grounds:

228 acres in the Towns of Burns and Bangor, County of La Crosse, Wisconsin; the University has a two-thirds interest in this land, which is part of the Laura Wheldon Estate.

Lease payment: \$45.60 per year

Continuing-type lease renewed automatically each year; either party may cancel by giving sixty days' written notice.

The lease will be automatically cancelled should the University or John H. Wheldon (who has a one-third interest) sell any part of the property covered by the lease.

No restriction shall be placed on the land relative to agricultural or similar practice.

Regent Grover reported that the Committee decided to renew the System's subscription to the Investor Responsibility Research Center service for another year.

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

Resolution 1712: That the income earned in 1977-78 on the principal of the Consolidated University Trust Funds be distributed as of June 30, 1978, at the rate of 7.7¢ per current share, and that any income in excess of the amount distributed be added to the Suspense Account for Equalization of Income.

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

**Resolution 1713:** That, upon recommendation of the President of the System and the Chancellor of UW-Parkside, the Secretary or Assistant Secretary of the Board of Regents of the University of Wisconsin System be authorized to sign an instrument of donation transferring ownership to the City of Madison of one Barton Pipe Organ together with the Console Lift and Platform subject to the following conditions:

- 1) If and in the event said Barton Pipe Organ and Barton Console Lift and Platform were ever to be permanently removed from the Madison Civic Center complex, title to said personal property shall pass and revert to the Dairyland Chapter of the American Theatre Organ Society.
- 2) That the City of Madison will consult with the Dairyland Chapter of the American Theatre Organ Society before commencing a program of repair to restore said Barton Pipe Organ and Barton Console Lift and Platform to a workable condition.

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

**Resolution 1714:** That, upon the recommendation of the UW-Madison, River Falls and Stevens Point Chancellors and the President of the University of Wisconsin System, the concept and budget reports be approved and authority be granted to plan, bid and construct the following projects, at the cost and from the funding sources indicated:

#### UW-Madison

Birge Hall Remodeling Project, Phase I (\$1,520,000 - General Obligation Bonding)

Charmany Farm Dairy Barn and Biohazard Laboratory Remodeling Project (\$298,000 - General Obligation Bonding)

Addition to Weeks Hall (\$1,700,000 - Gift Funds)

#### UW-River Falls

Agricultural Engineering Building Addition Project (\$833,100 - General Obligation Bonding)

(Continued)

UW-Stevens Point

Old Main - Center Portion Renovation and Remodeling Project  
(\$1,974,000 - General Obligation Bonding--\$1,834,400 and State  
Building Trust Funds--\$140,000)

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

Resolution 1715: That, upon the recommendation of the Chancellor at UW-Stout and the President of the University of Wisconsin System, approval be granted to lease the following land for parking purposes:

UW-Stout

Lot 4 of Block C located on Riverside Drive,  
City of Menomonie, Wisconsin

For the period 9-1-78 through 8-31-79

Mrs. Donna Senn, Lessor  
105 16th Street  
Menomonie, Wisconsin 54751

The annual lease cost is \$720.

Regent Gerrard stated that the land included in the next resolution was appraised at \$22,000 and \$24,500 and the owner had agreed to a sales price of \$23,000.

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

Resolution 1716: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to purchase a 0.11 acre parcel of vacant land at UW-Madison, located at the corner of Charter Street (72.2 feet of frontage) and Spring Street (69.9 feet of frontage) at a cost of \$23,000 from Land Acquisition Funds.

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

**Resolution 1717:** That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to increase the budget for the Camp Randall Memorial Sports Center Roof Repair Project by \$30,000 (\$10,000 from Self-Amortizing Supported and \$20,000 General Fund Supported Residual Bonding Authority) for a revised total project cost of \$680,000.

Regent DeBardleben stated that he intended to vote against the resolution because he continued to feel that the Camp Randall Memorial Sports Center should be supported by non-GPR funds.

The question was put on Resolution 1717, and it was voted, with Regent DeBardleben voting "No".

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

**Resolution 1718:** That, upon the recommendation of the UW-Parkside, Platteville and Stout Chancellors and the President of the University of Wisconsin System, authorization be granted to plan, bid and construct the following minor projects, at the cost and from the funding source indicated:

- (1) Library and Communication Arts Buildings Roof Repair Project, UW-Parkside (\$56,760 - State Building Trust Funds Minor Project Funds)
- (2) Brigham-Williams-Heating Plant Roof Repair Project, UW-Platteville (\$118,500 - State Building Trust Funds Minor Project Funds)
- (3) Home Economics Building Architectural/HVAC Modifications Project, UW-Stout (\$77,200 - State Building Trust Funds Unprogrammed Surplus)

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

**Resolution 1719:** That, upon the recommendation of the UW-River Falls and Whitewater 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:

(Continued)

UW-River Falls

Rodli Commons Electrical Loads Controls Project,  
(\$16,300 - Program Revenues - Deferred Maintenance  
Funds)

UW-Whitewater

University Center Air Conditioning Project (\$80,200 -  
Program Revenues - Uncommitted Equity)

Regent DeBardleben requested that the sources of funds as to general purpose revenue or non-general purpose revenue be made unambiguous.

The question was put on Resolution 1719, and it was voted.

Regent Gerrard stated the next resolution contains a request for the release of \$25,000 of Segregated Student Fee funds to evaluate programs and physical facility needs and to study alternate solutions and sites for a 1979-81 East Campus Physical Education-Intramural Facility at UW-Madison. This project is in response to a student-supported request to proceed as soon as possible with resolution of the site for the proposed facility. The second request is for the allotment of \$25,000 of Advance Planning Funds to undertake a feasibility study of waste water treatment at UW-Madison. A project is currently underway to enlarge the Charter Street Heating/Chilling Plants sanitary sewer and rearrangement of some of the Plant's internal piping. This project is being undertaken jointly with the City of Madison, as mandated by the Department of Natural Resources, and through a special permit issued by the Madison Metropolitan Sewerage District. This was with the understanding that UW-Madison would seek a permanent, economic and viable solution to the waste water disposal problem.

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

Resolution 1720: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to request the release of advance planning funds to conduct the following feasibility and program studies for 1979-81 biennium major project requests, in the amounts and from the funding sources indicated:

\$25,000 of Segregated Student Fees to evaluate programs and physical facility needs and to study alternate solutions and sites for an East Campus Physical Education-Intramural Facility at UW-Madison

\$25,000 of 1977-79 Advance Planning Funds to undertake a feasibility study of waste water treatment at the University of Wisconsin-Madison



Regent Gerrard stated the next item requests authorization to negotiate a use permit between the Fish and Wildlife Service, United States Department of the Interior and the University of Wisconsin-Madison to provide for the construction by the Federal Agency of a temporary building to house the U.S. Fish and Wildlife Service programs being relocated to the Madison area. The Service is in the process of acquiring a laboratory facility in Madison with the necessary remodeling to be completed within the next five years, although a major portion would be ready for occupancy in two years. When the building is completely vacated by the U.S. Fish and Wildlife Service, it would be turned over to the University at no cost or for a token payment or be removed at no cost.

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

**Resolution 1721:** That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to enter into negotiations with the Fish and Wildlife Service, United States Department of the Interior, for a use permit to erect an interim structure at the Charmany Farm at UW-Madison.

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

**Resolution 1722:** Whereas, the following described lands are required for the University of Wisconsin-Stout, Menomonie to permit the northern expansion of the Nelson Field playing field area for physical education and intramural activity:

The West half, Lots 1 and 2, Block 11,  
Coddington Addition, City of Menomonie

Whereas, the Board of Regents of the University of Wisconsin System has authority to condemn lands it deems necessary for any institution pursuant to Section 36.11 (9), Wis. Stats., and this acquisition has been approved by the State Building Commission as required by Section 20.924(1)(b), Wis. Stats.

Now, therefore, be it resolved by the Board of Regents of the University of Wisconsin System, in regular meeting assembled, that the previously described lands are needed to permit the northern expansion of the Nelson Field playing field area for physical education and intramural activity, UW-Stout, and that such lands be acquired by gift or purchase at an agreed price if possible;

Be it further resolved that if the above lands or any parcel thereof cannot be purchased at an agreed price, the Attorney General of Wisconsin be, and he is hereby requested, authorized and instructed to commence and prosecute proceedings in accordance with provisions of Chapter 32, Wisconsin Statutes, and to take any other appropriate action which may, by him, be deemed necessary to acquire said lands or any parcel thereof free and clear of all encumbrances.

Regent Barkla stated that the above action was approved reluctantly by the Committee members because of their distaste for condemnation action but pointed out that the person who owns this residence is not living in it-- it is rented to students; therefore, if it is condemned, there will be no displacement of the owner. She stated that the use of the property will be beneficial to the students, and the project cannot go forward without the acquisition of this property.

The question was put on Resolution 1722, and it was voted.

Regent Gerrard reported that the next agenda item relating to State Building Commission requests for reports on surplus land was withdrawn by the System Administration. The item was originally requested in order to provide the State Building Commission with a list of parcels available for potential disposition and a written State policy regarding acquisitions and sales of land. In lieu of considering this action, the Committee has agreed to meet with the Higher Education Subcommittee of the State Building Commission next month in Whitewater to discuss this whole issue.

Regent Hales stated that he agreed wholeheartedly with Regent Johnson's assessment that we do not have surplus lands, and if we have land we should call it endowment land, because this gives the wrong connotation to the public that we are holding lands that are just surplus and that is not the case. He said he felt the Committee ought to think about some terminology changes in that area.

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#### UNFINISHED AND MISCELLANEOUS BUSINESS

Regent DeBardeleben noted that in the listing of committees that was sent out to the members of the Board and other members of the University Committee, where the presiding officer of the committee or vice-presiding officer was a man, the title was chairman or vice chairman, whereas where the presiding officer or vice-presiding officer was a woman, the title was chairperson or vice chairperson. He stated that he felt we ought to use a uniform system. Regent Barkla stated that she agreed with the position that a uniform system be used. President Hales stated that the point was well taken.

Regent Johnson stated that this was the last session that he would be attending as he was not running for re-election on the VocTech Board. He said he had enjoyed working with the Board of Regents and wished the members well in their future deliberations. President Hales expressed appreciation to Regent Johnson for his services and expressed the appreciation of the members of the Board and the Administration for his participation.

Regent Neshek moved adoption of the following resolution, the motion was properly seconded, and it was voted, with Regents Barkla, Beckwith, DeBardeleben, Erdman, Fish, Fitzgerald, Grover, Hales, Johnson, Lawton, and Neshek voting "Aye":

Resolution 1723: That in accordance with section 19.85(1)(c), WIS. STATS., a closed session be held to consider personnel matters.

The meeting recessed into closed session at 11:10 A.M.

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The Board arose from closed session at 11:44 A.M.

President Hales reported that the following resolution was adopted in closed session:

Resolution 1724: That, upon recommendation of the President of the UW System, the Board of Regents approves the appointment of Edward M. Penson as Chancellor, University of Wisconsin-Oshkosh, and Professor of Speech, University of Wisconsin-Oshkosh, at an annual salary rate of \$50,139, effective September 1, 1978.

The meeting adjourned at 11:45 A.M.

7-31-78

J. S. Holt, Secretary

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## GIFT-IN-KIND

1. MASSEY-FERGUSON, INC.,  
DETROIT, MICHIGAN  
PROTOTYPE DIESEL POWER FORAGE HARVESTER TO THE  
DEPARTMENT OF AGRICULTURAL ENGINEERING FOR  
EXPERIMENTAL FIELD AND EDUCATIONAL PURPOSES  
ONLY (NOT TO BE SOLD; MUST BE SCRAPPED  
FOLLOWING ITS USEFUL LIFE)  
MSN
2. MR. & MRS. JOSEPH S. ERICKSON,  
STOUGHTON, WI  
JUNIOR WHEELCHAIR TO BE USED ON UNIT II  
OF THE CHILDREN'S HOSPITAL  
MSN
3. UNION CARBIDE CORPORATION,  
LINDE DIVISION, NEW YORK, NY  
GAS WELDING EQUIPMENT TO THE DEPARTMENT OF  
MECHANICAL ENGINEERING TO REFURNISH A  
SECTION OF THE MATERIALS JOINING LABORATORY  
MSN

## INSTRUCTION

1. DR. & MRS. THOMAS J. RICE,  
MARSHFIELD, WI  
DR. OVID O. MEYER CLINICAL TEACHING FUND ( TRUST ) 100.00  
MSN
2. UNIVERSITY OF WISCONSIN FOUNDATION,  
MADISON, WI  
DR. OVID O. MEYER CLINICAL TEACHING FUND ( TRUST ) 16,000.00  
MSN
3. UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH  
BOULDER, CO  
PRIME CONTRACTOR WITH COM/NOAA  
SPECIAL SUMMER ACADEMIC PROGRAM IN THE ATMOSPHERIC  
SCIENCES FOR MINORITY STUDENTS AT THE UNIVERSITY  
OF WISCONSIN - MADISON  
FOR THE PERIOD 11-01-77 THROUGH 10-31-78  
AT A TOTAL COST OF \$20,081.00  
AWARD # LETTER DTD 10/17/77, MOD. 1  
MSN L&S METEOROLOGY (144-K942) 1,840.00
4. DHEW, OFFICE OF EDUCATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) DEVELOPMENT OF A PACKAGED TRAINING PROGRAM IN THE  
USE OF SIMPLE TECHNIQUES AND AIDS TO ESTABLISH  
COMMUNICATIONS FOR THE NON-VOCAL SEVERLY  
HANDICAPPED CHILD  
FOR THE PERIOD 06-01-78 THROUGH 05-31-79  
AWARD # G007602509  
MSN GRAD WAISMN RETARD CT (144-L577) 10,000.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

UNIVERSITY OF WISCONSIN - MADISON

## INSTRUCTION

- 2) GRADUATE LEVEL TRAINING AND INFORMATION DEVELOPMENT FOR THE PERIOD 06-01-78 THROUGH 05-31-79  
AWARD # G007801740  
MSN EDUC STU IN BEHAV DIS (144-L604) 55,000.00
- 3) POST MASTER'S LEVEL TRAINING OF ADMINISTRATORS AND SUPERVISORS OF SPECIAL EDUCATION FOR THE PERIOD 06-01-78 THROUGH 05-31-79  
AWARD # G007801586  
MSN EDUC EDUC ADMIN (144-L619) 20,000.00
5. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTER WITH DHEW OHD  
CONTINUING EDUCATION PROGRAM FOR SUMMER SESSION 1978  
FOR THE PERIOD 05-28-78 THROUGH 08-31-78  
AWARD # NONE  
MSN L&S SOCIAL WORK (144-L661) 32,519.38
6. DHEW, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM  
ROCKVILLE, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) SOCIAL SCIENCE RESEARCH TRAINING FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 T01 MH07413-18  
MSN L&S SOCIOLOGY (144-L574) 91,550.00
- 2) PSYCHIATRIC MENTAL HEALTH NURSING FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 T01 MH10990-11  
MSN HS-NUR GRADUATE CURRIC (144-L596) 80,290.00
- 3) SOCIAL SCIENCE RESEARCH TRAINING GRANT FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 T01 MH12117-10  
MSN L&S ECONOMICS (144-L613) 34,551.00
- 4) SOCIAL WORK TRAINING IN COMMUNITY MENTAL HEALTH FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 T01 MH13620-05  
MSN L&S SOCIAL WORK (144-L632) 78,635.00
- 5) SOCIAL WORK - DOCTORAL AND THIRD YEAR FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 T01 MH10951-12  
MSN L&S SOCIAL WORK (144-L633) 18,432.00
- 6) PSYCHIATRY - BASIC RESIDENCY TRAINING FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 T01 MH06290-23  
MSN HS-MED PSYCHIATRY (144-L634) 50,766.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

- |     |   |            |            |
|-----|---|------------|------------|
| 7)  | MEDICAL STUDENTS PSYCHIATRIC EDUCATION<br>FOR THE PERIOD 07-01-78 THROUGH 06-30-79<br>AWARD # 5 T02 MH14492-03<br>MSN HS-MED PSYCHIATRY   | (144-L635) | 56,747.00  |
| 8)  | TRAINING IN SOCIAL SERVICE PROGRAM EVALUATION<br>FOR THE PERIOD 07-01-78 THROUGH 06-30-79<br>AWARD # 5 T01 MH14231-03<br>MSN L&S SOCIAL WORK  | (144-L669) | 95,094.00  |
| 9)  | CLINICAL PSYCHOLOGY TRAINING PROGRAM<br>FOR THE PERIOD 07-01-78 THROUGH 06-30-79<br>AWARD # 5 T01 MH06933-19<br>MSN HS-MED PSYCHIATRY   | (144-L683) | 26,134.00  |
| 10) | MODELS OF MANPOWER ASSESSMENT & DEVELOPMENT<br>FOR THE PERIOD 07-01-78 THROUGH 06-30-79<br>AWARD # 5 T23 MH15017-02<br>MSN HS-MED PREVENTIVE MED  | (144-L686) | 268,153.00 |
| 7.  | DHEW, PHS, FOOD AND DRUG ADMINISTRATION<br>ROCKVILLE, MD<br>BACTERIOLOGICAL SANITATION COURSE FOR FOOD AND<br>DRUG INVESTIGATORS<br>FOR THE PERIOD 04-03-78 THROUGH 04-14-78<br>AT A TOTAL COST OF \$9,288.00<br>AWARD # FDA 5233-78-K, MOD. 1<br>MSN AG&LSC FOOD SCIENCE | (144-L069) | 464.40     |
| 8.  | DHEW, PHS, HEALTH SERVICES ADM<br>ROCKVILLE, MD<br>IN SUPPORT OF THE FOLLOWING:   |            |            |
| 1)  | CHILDRENS DEVELOPMENTAL CLINIC AND COOPERATIVE PKU<br>STUDY<br>FOR THE PERIOD 07-01-78 THROUGH 06-30-79<br>AWARD # MCT-000268-12-0<br>MSN GRAD WAISMN RETARD CT   | (144-L591) | 76,291.00  |
| 2)  | UNIVERSITY AFFILIATED FACILITY<br>FOR THE PERIOD 07-01-78 THROUGH 06-30-79<br>AWARD # MCT-000915-11-0<br>MSN GRAD WAISMN RETARD CT  | (144-L653) | 704,770.00 |
| 3)  | GRADUATE TRAINING PROGRAM IN PEDIATRIC NURSING<br>FOR THE PERIOD 07-01-78 THROUGH 06-30-79<br>AWARD # MCT-000134-15-0<br>MSN HS-NUR GRADUATE CURRIC   | (144-L671) | 240,806.00 |
| 9.  | DHEW, PHS, NATIONAL INSTITUTES OF HEALTH<br>BETHESDA, MD<br>IN SUPPORT OF THE FOLLOWING:  |            |            |
| 1)  | SENSORY PHYSIOLOGY AND BIOPHYSICS<br>FOR THE PERIOD 07-01-78 THROUGH 06-30-79<br>AWARD # 5 T32 NS07026-03<br>MSN HS-MED NEUROPHYSIOLOGY   | (144-L612) | 73,393.00  |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## INSTRUCTION

- 2) POSTDOCTORAL AND GRADUATE TRAINING IN NUTRITION  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 T 32 DEO 1031-04  
MSN AG&LSC BIOCHEMISTRY (144-L615) 106,488.00
- 3) DEMOGRAPHY AND ECOLOGY  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 T 32 HDO 1014-04  
MSN L&S SOCIOLOGY (144-L638) 105,721.00
10. AMERICAN HOSPITAL ASSOCIATION  
CHICAGO, IL  
PRIME CONTRACTOR WITH DHEW PHS NIH  
AMERICAN HOSPITAL ASSOCIATION PATIENT EDUCATION  
PROJECT  
FOR THE PERIOD 06-01-77 THROUGH 05-31-78  
AT A TOTAL COST OF \$29,770.00  
AWARD # AGREEMENT DTD 07-20-77, MOD. 1  
MSN ENGR ENGR EXPER STA INDUS ENGR (144-K400) 1,613.00
11. JOB SERVICE  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
COOPERATIVE EDUCATION & INTERNSHIP PROGRAM  
AGREEMENT  
FOR THE PERIOD 06-05-78 THROUGH 12-31-78  
AWARD # NONE  
MSN BUS SV ADMINISTRATION (144-L673) 4,768.80
12. MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL  
ACTIVITIES, INC  
MADISON, WI  
PRIME CONTRACTOR WITH STATE AID  
INDONESIA HIGHER EDUCATION TRAINING PROJECT  
FOR THE PERIOD 02-22-78 THROUGH 07-22-82  
AWARD # NONE  
MSN G E A INTL STU & PROG (144-L394) 5,000,000.00
13. MADISON BRANCH OF AMERICAN ASSOCIATION OF  
UNIVERSITY WOMEN  
MADISON, WI  
CONTINUING EDUCATION FUND FOR RETURNING STUDENTS  
MSN C E D P ADMINISTRATION (133-C059) 750.00
14. WISCONSIN SOCIETY OF FARM MANAGERS AND RURAL  
APPRAISERS  
MADISON, WI  
SUPPORT AGRICULTURAL ECONOMICS GRADUATE TRAINING  
PROGRAM  
MSN AG&LSC ECONOMICS (AGR) (133-3859) 100.00
15. MULTIPLE DONORS  
INSTRUCTIONAL IMPROVEMENT IN SOIL SCIENCE 101  
MSN AG&LSC SOILS (133-7780) 2,019.53

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## LIBRARIES

1. PI ALPHA XI HONORARY FRATERNITY, MADISON, WI  
TO ESTABLISH HORTICULTURE DEPARTMENT LIBRARY  
AND UNDERGRADUATE/READING ROOM FUND, PRINCIPAL AND  
INCOME TO BE AVAILABLE FOR PURPOSES DESIGNATED  
BY THE DEAN OF THE COLLEGE OF AGRICULTURAL AND  
LIFE SCIENCES IN CONSULTATION WITH THE  
CHAIRMAN OF THE HORTICULTURE DEPARTMENT  
MSN ( TRUST ) 100.00
2. WI DEPT OF ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DOE  
ENERGY BIBLIOGRAPHY PROJECT  
FOR THE PERIOD 11-01-77 THROUGH 05-31-78  
AWARD # 780 32  
MSN LIBR STEENBOCK AG LIB (144-L140) 5,227.00
3. MULTIPLE DONORS  
FRIENDS OF THE UNIVERSITY LIBRARY FUND  
MSN LIBR GENERAL LIBRARY ADMIN (133-0822) 45.00

## MISCELLANEOUS

1. MADISON-DANE COUNTY EMPLOYMENT AND TRAINING  
CONSORTIUM  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
CETA ENERGY CONSERVATION PROJECT  
FOR THE PERIOD 02-01-78 THROUGH 09-30-78  
AWARD # 697-27-0-595  
MSN P PLT MAINTENANCE BUILDINGS (144-L657) 5,000.00
2. KITT PEAK NATIONAL OBSERVATORY  
TUCSON, AZ  
PRIME CONTRACTOR WITH NSF  
VISITING SCIENTIST PROGRAM  
FOR THE PERIOD 02-27-78 THROUGH 04-27-78  
AWARD # NONE  
MSN L&S ASTRONOMY (144-L284) 11,302.34
3. DATA RESOURCES, INC  
CAMBRIDGE, MA  
DEFRAY COST OF PERSONNEL AND MISCELLANEOUS  
SERVICES, COMPUTER TIME AND MISCELLANEOUS SUPPLIES  
IN THE DEPARTMENT OF ECONOMICS  
MSN L&S ECONOMICS (133-A011) 200.00
4. HYLAND, DIVISION OF TRAVEL LABORATORIES  
COSTA MESA, CA  
DISCRETIONARY GRANT IN THE DEPARTMENT OF  
MEDICINE  
MSN HS-MED MEDICINE LAB-COMPUT (133-A017) 1,176.00
5. FRIENDS OF NESTOR  
DEFRAY COST OF PUBLICATION OF NESTOR  
MSN L&S HUM-INST FOR RES (133-A275) 31.90



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

|     |  |           |
|-----|--|-----------|
| 6.  | REBOS HOUSE OF WISCONSIN, INC.<br>MADISON, WI<br>MEDICAL DETOXIFICATION OF PATIENTS AT REBOS<br>RECEPTION CENTER<br>MSN HS-MED ADMINISTRATION DEANS OFFC (133-A589)  | 10,000.00 |
| 7.  | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY<br>MSN L&S CHEMISTRY (133-A634)   | 3,000.00  |
| 8.  | GENERAL MILLS, INC<br>MINNEAPOLIS, MN<br>UNRESTRICTED GRANT IN AID TO RECOGNIZE OUTSTANDING<br>SCIENCE AND ENGINEERING PROGRAMS IN THE DEPARTMENT<br>OF HORTICULTURE<br>MSN AG&LSC HORTICULTURE (133-A868)   | 1,000.00  |
| 9.  | MULTIPLE DONORS<br>DEAN OF STUDENTS DISCRETIONARY FUND<br>MSN G E A DEAN OF STUDENTS ADMIN (133-A912)  | 7,501.42  |
| 10. | ENGINEERING COLLEGE CONSORTIUM<br>FOR MINORITIES, INC<br>MADISON, WI<br>SUMMER PROGRAM FOR PRE-COLLEGE MINORITY<br>STUDENTS<br>MSN ENGR ADMINISTRATION (133-A975)  | 92,298.00 |
| 11. | ASSOCIATION OF COLLEGE, UNIVERSITY AND COMMUNITY<br>ARTS ADMINISTRATORS, INC.<br>MADISON, WI<br>PARTIAL SUPPORT OF STAFF SALARIES FOR A<br>PROFESSIONAL, EDUCATIONAL ARTS ADMINISTRATION<br>ASSOCIATION AND A PROJECT RELATED TO THE ARTS<br>ADMINISTRATION, GRADUATE SCHOOL OF BUSINESS<br>FOR THE PERIOD 07-01-77 THRU 06-30-78<br>MSN BUS BUSINESS, SCH OF (133-B049) | 1,895.30  |
| 12. | MULTIPLE DONORS<br>DEVELOPMENT OF DIVISION OF PLASTIC SURGERY<br>MSN HS-MED SURGERY DENT&PLAST (133-B085)  | 500.00    |
| 13. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>FRIENDS OF THE ELVEHJEM ART CENTER<br>MSN L&S ELVEHJEM ART CTR (133-B163)   | 7,600.00  |
| 14. | HERBARIUM EXPENSES<br>MSN L&S BOTANY (133-B291)  |           |
|     | 600.00 UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI   |           |
|     | 942.00 DAMES & MOORE<br>LOS ANGELES, CA  |           |
|     |  | 1,542.00  |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

- |     |   |           |
|-----|---|-----------|
| 15. | ORGANIZATION OF ARAB PETROLEUM EXPORTING COUNTRIES, KUWAIT<br>KUWAIT FUND FOR ARAB ECONOMIC DEVELOPMENT, KUWAIT<br>ARAB FUND FOR ECONOMIC AND SOCIAL DEVELOPMENT, KUWAIT<br>SEMINAR ON NATURAL RESOURCES POLICIES IN RELATION TO ECONOMIC DEVELOPMENT AND INTERNATIONAL COOPERATION AT A TOTAL LEVEL OF \$431,770.06<br>MSN ENV ST ENVIR POLICY ST (133-8380) | 39,990.06 |
| 16. | STANFELD HOUSE<br>SANTA MONICA, CA<br>DEINSTITUTIONALIZATION PROJECT FUND<br>MSN GRAD WAISMN RETARD CT (133-8695)   | 680.75    |
| 17. | MULTIPLE DONORS<br>WISCONSIN LIONS EYE BANK- SPECIAL ACCOUNT<br>MSN HS-HSP ADMINISTRATION ADMIN (133-C007)  | 1,266.00  |
| 18. | U.M.- MADISON ASSOCIATION FOR CONTINUING EDUCATION IN BUSINESS, INC.<br>MADISON, WI<br>LEASING MANAGEMENT DEVELOPMENTS<br>MSN BUS BUSINESS, SCH OF (133-C025)   | 7,321.20  |
| 19. | WOMEN'S TRANSIT AUTHORITY<br>MADISON, WISCONSIN<br>WOMEN'S TRANSIT AUTHORITY<br>MSN G E A DEAN OF STUDENTS CAMP ASST (133-C089)   | 1,200.00  |
| 20. | MULTIPLE DONORS<br>PUBLICATION ASSISTANCE FOR THE BOOK "THE AUTOBIOGRAPHY OF HOWARD MUMFORD JONES"<br>MSN GRAD U W PRESS (133-C179)   | 1,000.00  |
| 21. | FORD FOUNDATION<br>NEW YORK, NY<br>DEFRAY COST OF TRANSPORTATION FOR PARTICIPANTS TO SYMPOSIUM ENTITLED, "AMAZONIA-EXTINCTION OR SURVIVAL?" FOR THE PERIOD 04-01-78 THRU 06-30-78<br>AWARD # 785-0571<br>MSN L&S SPANISH & PORT IBERO-AMER (133-C199)   | 5,800.00  |
| 22. | FORD FOUNDATION<br>NEW YORK, NY<br>SUPPORT SERIES OF PAPERS AND CONFERENCE ON UNIVERSAL VERSUS INCOME-TESTED TRANSFER PROGRAMS FOR THE PERIOD 06-01-78 THRU 11-30-78<br>AWARD # 758-0432<br>MSN L&S INST-RES ON POV (133-C244)  | 24,000.00 |
| 23. | MULTIPLE DONORS<br>SCHOOL OF EDUCATION DEAN'S OFFICE DISCRETIONARY FUND<br>MSN EDUC GENERAL ADMIN DEANS OFF (133-C245)  | 1,500.00  |



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

24. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON  
REPRESENTING A TRANSFER FROM THE GORDON BAKER  
FUND  
MADISON, WI  
LANDSCAPES IN WISCONSIN, A RESOURCE FOR HISTORIC  
PRESERVATION  
MSN AG&LSC NAT RESOURCES LAND ARCH (133-C246) 10,000.00
25. WISCONSIN PUBLIC DEFENDER  
MADISON, WI  
WISCONSIN PUBLIC DEFENDER SUMMER INTERNSHIP  
FOR THE PERIOD 05-25-78 THRU 08-30-78  
MSN L&S SPECIAL PROJECTS CRIM JUS I (133-C252) 400.00
26. DANE COUNTY JUVENILE COURT PROGRAM  
MADISON, WI  
DANE COUNTY JUVENILE COURT SUMMER INTERNSHIP  
FOR THE PERIOD 05-25-78 THRU 08-30-78  
MSN L&S SPECIAL PROJECTS CRIM JUS I (133-C253) 750.00
27. SCHULT GROUP HOMES, INC  
MADISON, WI  
SCHULT GROUP HOMES SUMMER INTERNSHIP  
FOR THE PERIOD 05-25-78 THRU 08-30-78  
MSN L&S SPECIAL PROJECTS CRIM JUS I (133-C254) 200.00
28. WISCONSIN CORRECTIONAL SERVICE  
MILWAUKEE, WI  
WISCONSIN CORRECTIONAL SERVICE INTERNSHIP  
FOR THE PERIOD 05-30-78 THRU 08-30-78  
MSN L&S SPECIAL PROJECTS CRIM JUS I (133-C255) 1,200.00
29. BUSH LEADERSHIP FELLOWS PROGRAM  
MINNEAPOLIS, MN  
DEPARTMENT OF EDUCATIONAL ADMINISTRATION  
DISCRETIONARY FUND  
MSN EDUC EDUC ADMIN (133-C257) 250.00
30. NETWORK FAMILY DEVELOPMENT CENTER  
MADISON, WI  
NETWORK CRIMINAL JUSTICE SUMMER INTERNSHIP  
FOR THE PERIOD 05-30-78 THRU 08-30-78  
MSN L&S SPECIAL PROJECTS CRIM JUS I (133-C269) 250.00
31. BRIARPATCH  
MADISON, WI  
BRIARPATCH CRIMINAL JUSTICE SUMMER INTERNSHIP  
FOR THE PERIOD 05-31-78 THRU 08-31-78  
MSN L&S SPECIAL PROJECTS CRIM JUS I (133-C270) 250.00
32. MULTIPLE DONORS IN MEMORY OF  
TED BAKER, FREEPORT, IL  
TRAUMA CENTER FUND  
MSN HS-HSP ADMINISTRATION ADMIN (133-C274) 5.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

|     |   |   |           |
|-----|---|---|-----------|
| 33. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>BEYER PROFESSORSHIP IN ACCOUNTING<br>MSN BUS BUSINESS, SCH OF  | (133-C281)  | 20,550.00 |
| 34. | AMERICAN MARKETING ASSOCIATION<br>CHICAGO, IL<br>DEFRAY COST OF EDITORIAL OFFICE FOR THE JOURNAL OF<br>MARKETING RESEARCH TEMPORARILY LOCATED ON THE<br>MADISON CAMPUS<br>MSN BUS BUSINESS, SCH OF          | (133-C283)  | 7,750.00  |
| 35. | MISS KUO-PING CHOU, PROFESSOR EMERITUS<br>MADISON, WI<br>PUBLICATION OF WEN-LIN<br>MSN L&S E ASIAN LANG&LIT   | (133-C286)  | 2,000.00  |
| 36. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>REMODELING AND FURNISHING OF THE CONFERENCE ROOM<br>IN MEMORY OF DR. GORDON<br>MSN HS-ADM ADMINISTRATION   | (133-C301)  | 9,305.38  |
| 37. | LAW AND SOCIETY ASSOCIATION<br>DENVER, CO<br>DEFRAY COST OF PUBLICATION OF THE "LAW AND SOCIETY<br>REVIEW" FOR THE PERIOD 07-01-78 THRU 06-30-79<br>MSN L&S SOCIOLOGY                                       | (133-C304)  | 6,600.00  |
| 38. | STATE OF WISCONSIN<br>DEPARTMENT OF NATURAL RESOURCES<br>MADISON, WI<br>UNIVERSITY INTERNSHIP AGREEMENT FOR THE PERIOD<br>06-01-78 THRU 07-28-78<br>MSN AG&LSC NAT RESOURCES ADMIN                          | (133-C306)  | 600.00    |
| 39. | STATE OF WISCONSIN<br>DEPARTMENT OF NATURAL RESOURCES<br>MADISON, WI<br>UNIVERSITY INTERNSHIP AGREEMENT FOR THE PERIOD<br>06-06-78 THRU 08-25-78<br>MSN AG&LSC NAT RESOURCES ADMIN                          | (133-C307)  | 750.00    |
| 40. | SOCIETY FOR RESEARCH IN CHILD DEVELOPMENT<br>BERKELEY, CA<br>DEFRAY EXPENSES RELATED TO ASSOCIATE EDITORSHIP<br>OF "CHILD DEVELOPMENT" FOR THE PERIOD 06-15-78<br>THRU 06-30-79<br>MSN EDUC EDUC PSYCHOLOGY | (133-C309)  | 7,300.00  |
| 41. | SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT<br>MSN BUS BUSINESS, SCH OF   | (133-0179)  |           |
|     | 4,000.00  | GENERAL MILLS FOUNDATION<br>MINNEAPOLIS, MN   |           |
|     | 1,444.00  | UW-MADISON ASSOCIATION FOR CONTINUING<br>EDUCATION IN BUSINESS, INC.<br>MADISON, WI |           |
|     | 200.00  | NO KAPPA TAU<br>STUDENT GROUP IN MARKETING<br>MADISON, WI                           |           |
|     |   |   | 5,644.00  |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

|     |   |            |           |
|-----|---|------------|-----------|
| 42. | MULTIPLE DONORS<br>CHEMISTRY DEPARTMENT EDUCATIONAL FUND<br>MSN L&S CHEMISTRY   | (133-1082) | 102.00    |
| 43. | AMERICAN MEDICAL ASSOCIATION<br>CHICAGO, IL<br>SUPPORT MEDICAL SCHOOL PROGRAMS<br>MSN HS-MED  | (133-2345) | 8,977.71  |
| 44. | MULTIPLE DONORS<br>UNRESTRICTED GRANT TO BE USED BY THE DEAN OF THE<br>SCHOOL OF NURSING<br>MSN HS-NUR  | (133-4314) | 415.50    |
| 45. | MULTIPLE DONORS<br>SUPPORT SPEECH & HEARING CLINIC FOR HANDICAPPED<br>CHILDREN<br>MSN L&S COMMUN DISORDERS  | (133-4598) | 25.00     |
| 46. | MULTIPLE DONORS<br>DEPARTMENT OF SOILS CHAIRMAN'S DISCRETIONARY<br>GRANT TO BE USED WITH THE APPROVAL OF THE DEAN<br>OF THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES<br>MSN AG&LSC SOILS | (133-4885) | 311.01    |
| 47. | AFFILIATED UNIVERSITY PHYSICIANS, INC.<br>MADISON, WI<br>SUPPORT THE OPERATION OF THE OFFICE OF AFFILIATED<br>UNIVERSITY PHYSICIANS<br>MSN HS-MED SURGERY                                 | (133-5609) | 15,000.00 |
| 48. | MULTIPLE DONORS<br>CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT<br>MSN BUS BUSINESS, SCH OF  | (133-5984) | 1,542.75  |
| 49. | GYNECOLOGY-OBSTETRICS ASSOCIATES,<br>MADISON, WI<br>SUPPORT OPERATIONS OF GYNECOLOGY-OBSTETRICS<br>ASSOCIATES<br>MSN HS-MED GYNECOL & OBSTET  | (133-6296) | 5,000.00  |
| 50. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND<br>MSN G SERV FELLOWS & SCHOLS  | (133-6370) | 81.00     |
| 51. | ASARCO FOUNDATION<br>NEW YORK, NY<br>DEFRAY COST OF PURCHASE OF EQUIPMENT IN THE<br>DEPARTMENT OF METALLURGICAL AND MINERAL ENGINEERING<br>MSN ENGR MET & MIN ENGR                        | (133-6710) | 600.00    |
| 52. | WISCONSIN POWER AND LIGHT COMPANY<br>MADISON, WI<br>DEPT OF ELECTRICAL ENGINEERING CHAIRMANS<br>UNRESTRICTED GRANT<br>MSN ENGR ELEC & COMP ENGR   | (133-6718) | 178.00    |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

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|-----|---|------------|-----------|
| 53. | ROHM & HAAS COMPANY<br>PHILADELPHIA, PA<br>CHEMISTRY DEPARTMENT CHAIRMAN'S DISCRETIONARY<br>GRANT<br>MSN L&S CHEMISTRY  | (133-6934) | 5,000.00  |
| 54. | MULTIPLE DONORS<br>DEPARTMENT OF PLANT PATHOLOGY CHAIRMAN'S<br>UNRESTRICTED ACCOUNT<br>MSN AG&LSC PLANT PATHOLOGY   | (133-7243) | 224.12    |
| 55. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>UNRESTRICTED GRANT IN THE DEPARTMENT OF MEDICINE<br>MSN HS-MED MEDICINE  | (133-7640) | 10,000.00 |
| 56. | MULTIPLE DONORS<br>DEFRAY COST OF PLANTINGS IN THE LONGENECKER<br>HORTICULTURAL GARDENS AT THE UW-MADISON ARBORETUM<br>MSN ARBOR ARBORETUM  | (133-7854) | 100.00    |
| 57. | MULTIPLE DONORS<br>TASTE PANEL FUND<br>MSN AG&LSC FOOD SCIENCE  | (133-8343) | 3,750.00  |
| 58. | GIFTS FOR THE SCHOOL OF JOURNALISM AND MASS<br>COMMUNICATIONS UW-MADISON, TO BE USED AT THE<br>DISCRETION OF THE DIRECTOR OF THE SCHOOL FOR THE<br>BENEFIT OF THE SCHOOL<br>MSN L&S JOURN&MASS COMM | (133-9465) |           |
|     | 400.00 WILLIAM RANDOLPH HEARST FOUNDATION<br>SAN FRANCISCO, CA  |            |           |
|     | 385.63 UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI  |            |           |
|     |   |            | 785.63    |
| 59. | WISCONSIN RURAL REHABILITATION CORPORATION<br>MADISON, WI<br>SUPPORT FAMILY PHYSICIANS RESIDENCIES AT RURAL<br>CLINICS DURING THE 1978-79 ACADEMIC YEAR<br>MSN HS-MED FAM MED & PRACT               | (133-9582) | 24,000.00 |
| 60. | AMERICAN SOCIETY FOR EIGHTEENTH-CENTURY STUDIES<br>SWARTHMORE, PA<br>STUDIES IN EIGHTEENTH-CENTURY CULTURE<br>MSN GRAD U W PRESS  | (133-9854) | 1,000.00  |
| 61. | HUGH H. ILLIS<br>MADISON, WI<br>DEFRAY COST OF STUDENT HELP IN THE DEPARTMENT OF<br>BOTANY<br>MSN L&S BOTANY  | (133-9888) | 350.00    |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## PHYSICAL PLANT

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|----|---|------------|------------|
| 1. | MEMORIAL UNION BUILDING ASSOCIATION<br>MADISON, WI<br>DEFRAY COST OF CONSTRUCTION OF NEW TOILET<br>FACILITY ON THE FOURTH FLOOR OF THE MEMORIAL UNION<br>AT A \$17,300 PROJECT LEVEL<br>MSN UNION GENERAL | (133-B946) | 560.00     |
| 2. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>DEFRAY CONSTRUCTION COSTS FOR RENNEBOHM AUDITORIUM<br>MSN HS-PHR PHARMACY  | (133-C247) | 278,000.00 |

## RESEARCH

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|----|---|------------|-----------|
| 1. | LIBRARY OF CONGRESS<br>WASHINGTON, DC<br>ANALYSIS OF CARTELIZATION PROJECTION REPORTS<br>FOR THE PERIOD 05-23-78 THROUGH 12-31-78<br>AWARD # 78-69<br>MSN AG&LSC ECONOMICS (AGR)  | (144-L564) | 18,188.00 |
| 2. | AGRIC, AGRICULTURAL RESEARCH SERVICE<br>NEW ORLEANS, LA<br>BREEDING, PATHOLOGY AND AGRONOMIC RESEARCH ON<br>CIGAR BINDER TOBACCO<br>FOR THE PERIOD 10-01-77 THROUGH 09-30-78<br>AWARD # 12-14-100-11,148(34)<br>MSN AG&LSC HORTICULTURE | (144-L648) | 2,000.00  |
| 3. | AGRIC, FOREST SERVICE, FOREST PRODUCTS LABORATORY<br>MADISON, WI<br>IN SUPPORT OF THE FOLLOWING:  |            |           |
| 1) | STRENGTH OF MECHANICAL FASTENERS IN WOOD<br>FOR THE PERIOD 06-16-78 THROUGH 11-01-80<br>AWARD # 12-118<br>MSN ENGR ENGR EXPER STA MECHANICS   | (144-L674) | 49,240.00 |
| 2) | MICROWAVE ELECTROMAGNETIC NONDESTRUCTIVE TESTING<br>OF WOOD<br>FOR THE PERIOD 06-20-78 THROUGH 06-01-79<br>AWARD # 12-117<br>MSN ENGR ENGR EXPER STA EL&COMPUT  | (144-L675) | 7,214.00  |
| 4. | AGRIC, FOREST SERVICE<br>ST. PAUL, MN<br>IN SUPPORT OF THE FOLLOWING:   |            |           |
| 1) | LEAF STRUCTURE IN RELATION TO SOLUTE TRANSPORT AND<br>PHLOEM LOADING IN POPULUS DELTOIDES BARTR<br>FOR THE PERIOD 05-18-78 THROUGH 08-31-81<br>AWARD # 13-622<br>MSN L&S BOTANY   | (144-L554) | 25,000.00 |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

- 2) ASSESSMENT OF FOREST PRODUCTS DEMAND IN THE LAKE STATES  
FOR THE PERIOD 05-31-78 THROUGH 06-30-80  
AWARD # 13-623  
MSN AG&LSC NAT RESOURCES FORESTRY (144-L584) 16,500.00
5. AGRIC, SCIENCE & EDUCATION ADM  
WASHINGTON, DC  
GENETIC ANALYSIS OF HOST FACTORS AFFECTING NITROGEN FIXATION IN COMMON BEANS  
FOR THE PERIOD 04-14-78 THROUGH 04-13-81  
AWARD # 801-15-36  
MSN AG&LSC HORTICULTURE (144-L560) 75,000.00
6. DHEW, NATIONAL INSTITUTE OF EDUCATION  
WASHINGTON, DC  
INSTITUTIONAL GRANT  
FOR THE PERIOD 06-01-78 THROUGH 11-30-78  
AWARD # 08-NIE-G-78-0217  
MSN EDUC RES & DEVEL CTR (144-L576) 1,225,000.00
7. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DHEW OF  
RECRUITMENT OF MINORITIES FOR ADMINISTRATIVE AND FACULTY POSITIONS IN THE STATE VOCATIONAL, TECHNICAL AND ADULT EDUCATION SYSTEM  
FOR THE PERIOD 01-01-78 THROUGH 06-30-78  
AWARD # 20-009-150-318  
MSN EDUC GENERAL ADMIN VOC STU CT (144-L542) 3,230.00
8. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DHEW OF  
VTAE SELF-STUDY (REPORTING COMPONENT)  
FOR THE PERIOD 05-01-78 THROUGH 06-30-78  
AWARD # 20-008-150-318  
MSN EDUC GENERAL ADMIN VOC STU CT (144-L550) 1,454.00
9. DHEW, OFFICE OF EDUCATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) SPEECH, HEARING, AND LANGUAGE HANDICAPPED CHILDREN  
FOR THE PERIOD 06-01-78 THROUGH 05-31-79  
AWARD # G00 7801479  
MSN L&S COMMUN DISORDERS (144-L620) 65,000.00
- 2) FILMS COMPLETION PROJECT; CONTEMPORARY TIBETAN BUDDHISM  
FOR THE PERIOD 06-01-78 THROUGH 08-31-79  
AWARD # G00 7801862  
MSN L&S SO ASIAN STUDIES (144-L663) 29,285.00
- 3) FACULTY RESEARCH ABROAD PROGRAM  
FOR THE PERIOD 06-01-78 THROUGH 11-30-79  
AWARD # G00 7801885  
MSN GRAD ADMINISTRATION ADMIN (144-L667) 24,884.00



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

10. DHEW, OFFICE OF HUMAN DEVELOPMENT  
CHICAGO, IL  
UNIVERSITY AFFILIATED FACILITIES - ADMINISTRATIVE  
SUPPORT  
FOR THE PERIOD 06-30-78 THROUGH 06-29-79  
AWARD # 59-P-25324/5-07  
MSN GRAD WAISMN RETARD CT (144-L636) 133,442.00
11. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTER WITH DHEW PHS ADAM  
DEVELOPMENT OF MATERIALS ON FETAL ALCOHOL SYNDROME  
FOR THE PERIOD 05-01-78 THROUGH 09-30-78  
AWARD # AGREEMENT DTD 04/24/78  
MSN G E A DEAN OF STUDENTS CAMP ASST (144-L646) 15,000.00
12. DHEW, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM  
ROCKVILLE, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) PERSONAL WELL-BEING AS RELATED TO ENVIRONMENTAL  
FACTORS  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 2 R01 MH25266-05  
MSN AG&LSC SOCIOLOGY(RURAL) (144-L569) 20,315.00
- 2) POSTDOCTORAL SOCIAL SCIENCE RESEARCH TRAINING  
PROGRAM  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 T32 MH14641-03  
MSN HS-PSY PSYCHIATRIC INST (144-L579) 99,824.00
- 3) SPINAL AND SUPRASPINAL SITES OF NARCOTIC ACTION  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 1 R01 DA02030-01  
MSN HS-PHR PHARMACY (144-L631) 18,545.00
13. DHEW, PHS, HEALTH RESOURCES ADMIN.  
BETHESDA, MD  
EMS SEVERITY INDEX RESEARCH  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 R18 HS02621-02  
MSN ENGR ENGR EXPER STA INDUS ENGR (144-L586) 222,325.00
14. DHEW, PHS, HEALTH RESOURCES ADMIN.  
HYATTSVILLE, MD  
SPECIAL HEALTH CAREER TRAINING GRANT  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 D18 MB15214-02  
MSN HS-MED ADMINISTRATION ST AF-MIN (144-L696) 29,816.00
15. FRONTIER SCIENCE AND TECHNOLOGY RESEARCH  
FOUNDATION, INC.  
AMHERST, NY  
PRIME CONTRACTER WITH DHEW PHS NIH  
ECOG CANCER CONTROL PROGRAM  
FOR THE PERIOD 10-26-77 THROUGH 10-25-78  
AWARD # N01-CN-75348-WISC  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-L649) 21,270.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

16. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) CREATION OF A RESEARCH ANIMALS RESOURCES PROGRAM  
FOR THE PERIOD 06-01-77 THROUGH 11-30-78  
AT A TOTAL COST OF \$106,288.00  
AWARD # 3 P40 R00952-03S1  
MSN GRAD RES ANIM RESOURC (144-K025) 30,431.00
  - 2) RECENT CHANGE IN ACTIVITIES AND STATUS OF YOUNG  
WOMEN  
FOR THE PERIOD 02-01-78 THROUGH 01-31-79  
AT A TOTAL COST OF \$131,463.00  
AWARD # 1 R01 HD11366-01, MOD. 1  
MSN L&S SOCIOLOGY (144-L213) 27,556.00
  - 3) PROGRAM PROJECT IN CLINICAL GENETICS  
FOR THE PERIOD 04-01-78 THROUGH 03-31-79  
AWARD # 5 P01 GM20130-05  
MSN HS-MED GENETICS (144-L361) 489,623.00
  - 4) CYTOCHROME P450, CHEMICAL CARCINOGENESIS  
BENZO(A)PYRENE  
FOR THE PERIOD 04-01-78 THROUGH 03-31-79  
AWARD # 5 R01 CA16265-04  
MSN HS-MED PHARMACOLOGY (144-L392) 49,363.00
  - 5) GENETIC STUDIES WITH CULTIVATED MAMMALIAN CELLS  
FOR THE PERIOD 05-01-78 THROUGH 04-30-79  
AWARD # 5 R01 GM06983-19  
MSN HS-MED GENETICS (144-L434) 154,768.00
  - 6) REGIONAL PRIMATE RESEARCH CENTER SUPPORT  
FOR THE PERIOD 06-01-78 THROUGH 05-31-79  
AWARD # 5 P40 R00167-18  
MSN L&S PRIMATE RES CTR (144-L477) 2,203,373.00
  - 7) VISUAL INTERGRAION IN THE BRAIN  
FOR THE PERIOD 06-01-78 THROUGH 05-31-79  
AWARD # 5 R01 EY01916-03  
MSN L&S PSYCHOLOGY (144-L529) 46,863.00
  - 8) NEUROPILE RECONSTRUCTION BY HVEM AND OTHER METHODS  
FOR THE PERIOD 06-01-78 THROUGH 05-31-79  
AWARD # 5 R01 EY01686-03  
MSN AG&LSC ENTOMOLOGY (144-L530) 40,684.00
  - 9) POSTDOCTORAL FELLOWSHIP AWARD  
FOR THE PERIOD 06-01-78 THROUGH 05-31-79  
AWARD # 5 F32 HL05326-02  
MSN AG&LSC BIOCHEMISTRY (144-L543) 13,400.00
  - 10) POSTDOCTORAL FELLOWSHIP INSTITUTION ALLOWANCE  
FOR THE PERIOD 04-01-78 THROUGH 03-31-79  
AWARD # 1 F32 AM05799-01  
MSN HS-MED PHYSIOLOG CHEM (144-L544) 3,000.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

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| 11) | POSTDOCTORAL FELLOWSHIP AWARD<br>FOR THE PERIOD 05-15-78 THROUGH 05-14-79<br>AWARD # 1 F32 ES05114-01<br>MSN HS-MED GENETICS                                     | (144-L551) | 11,500.00  |
| 12) | MICROBIAL METABOLITE INHIBITION OF TUMOR B12<br>BINDING<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # 5 R01 CA16904-05<br>MSN HS-PHR PHARMACY           | (144-L552) | 55,939.00  |
| 13) | URINARY BLADDER CARCINOGENESIS BY BRACKEN FERN<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # 5 R26 CA14523-05<br>MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL   | (144-L557) | 164,230.00 |
| 14) | GENETICS AND BIOCHEMISTRY OF RIBOSOME BIOSYNTHESIS<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # 2 R01 GM20427-06<br>MSN GRAD ENZYME INSTITUTE          | (144-L562) | 208,924.00 |
| 15) | IMMOBILIZED ENZYMES TO ALTER AND ANALYZE<br>METABOLISM<br>FOR THE PERIOD 07-01-78 THROUGH 06-30-79<br>AWARD # 5 R01 GM16133-11<br>MSN HS-MED MEDICINE LAB-COMPUT | (144-L563) | 55,233.00  |
| 16) | MORPHOLOGY OF CHRONIC VIRAL INFECTIONS OF THE<br>BRAIN<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # 5 R01 NS11129-06<br>MSN HS-MED PATHOLOGY           | (144-L565) | 63,188.00  |
| 17) | BIOSYNTHESIS OF FRACTIONATED PROTEOGLYCANS OF LUNG<br>FOR THE PERIOD 07-01-78 THROUGH 06-30-79<br>AWARD # 5 R01 HL21646-02<br>MSN HS-MED PEDIATRICS              | (144-L567) | 46,418.00  |
| 18) | RESEARCH CAREER AWARD<br>FOR THE PERIOD 07-01-78 THROUGH 06-30-79<br>AWARD # 5 K04 HL70740-05<br>MSN HS-MED PHYSIOLOGY   | (144-L568) | 38,880.00  |
| 19) | SLOW INFECTION BY CONVENTIONAL/UNCONVENTIONAL<br>VIRUSES<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # 9 R01 NS14822-06<br>MSN AG&LSC VETERINARY SCI    | (144-L570) | 107,518.00 |
| 20) | IN VITRO CULTURE STUDIES OF RENAL GLOMERULAR<br>DISEASES<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # 5 R01 AM18640-03<br>MSN HS-MED PATHOLOGY         | (144-L575) | 33,067.00  |



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

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| 21) | RESEARCH CAREER AWARD<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # 5 K04 AI00020-04<br>MSN AG&LSC BACTERIOLOGY                                     | (144-L582)            | 36,865.00  |
| 22) | LUNG FLUID, PROTEIN EXCHANGE AFTER HEMORRHAGIC<br>SHOCK<br>FOR THE PERIOD 07-01-78 THROUGH 06-30-79<br>AWARD # 5 R01 HL21076-02<br>MSN HS-MED SURGERY        | GEN SURG (144-L587)   | 46,320.00  |
| 23) | POSTDOCTORAL FELLOWSHIP AWARD<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # 5 F32 GM06033-02<br>MSN AG&LSC GENETICS                                 | (144-L590)            | 14,200.00  |
| 24) | POSTDOCTORAL FELLOWSHIP AWARD<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # 1 F32 GM06420-01<br>MSN HS-MED ONCOLOGY                                 | (144-L592)            | 13,000.00  |
| 25) | EASTERN COOPERATIVE ONCOLOGY GROUP-WISCONSIN<br>STUDIES<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # 2 R10 CA21076-03<br>MSN HS-MED HUMAN ONCOLOGY | CLIN ONCOL (144-L593) | 263,923.00 |
| 26) | ENVIRONMENTAL POLLUTANTS AND TOXICOLOGY OF THE<br>LIVER<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # 2 R01 ES01332-04<br>MSN HS-PHR PHARMACY       | (144-L595)            | 45,839.00  |
| 27) | BIOSYNTHESIS OF PENICILLINS AND CEPHALOSPORINS<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # 5 R01 AI10519-07<br>MSN HS-PHR PHARMACY                | (144-L597)            | 71,473.00  |
| 28) | INFECTIVE ROLE OF AMINO ACID BINDING BY VIRAL RNA<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # 5 R01 AI11572-06<br>MSN AG&LSC HORTICULTURE         | (144-L598)            | 75,396.00  |
| 29) | PATHOBIOLOGICAL RESPONSE OF PRIMATES TO BIPHENYLS<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # 5 R01 ES00958-04<br>MSN HS-MED PATHOLOGY            | (144-L622)            | 46,248.00  |
| 30) | INTERNATIONAL FELLOWSHIP AWARD<br>FOR THE PERIOD 06-16-78 THROUGH 06-15-79<br>AWARD # 5 F05 TW02375-02<br>MSN AG&LSC VETERINARY SCI                          | (144-L630)            | 16,600.00  |
| 31) | OXYTOCIN IN EXCITATION-CONTRACTION COUPLING<br>FOR THE PERIOD 07-01-78 THROUGH 06-30-79<br>AWARD # 5 R01 HD09764-03<br>MSN AG&LSC DAIRY SCIENCE              | (144-L637)            | 32,229.00  |



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

- 32) RESEARCH CAREER AWARD  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 K 04 NS00085-04  
MSN AG&LSC BIOCHEMISTRY (144-L 641) 34,004.00
- 33) LA CROSSE ARBOVIRUS STUDIES IN FORESTED AREAS  
FOR THE PERIOD 06-01-78 THROUGH 05-31-79  
AWARD # 5 R 01 AI11547-06  
MSN HS-MED PREVENTIVE MED (144-L 660) 112,565.00
- 34) RESEARCH CAREER AWARD  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 K 04 HLO0096-04  
MSN HS-PHR PHARMACY (144-L 662) 35,011.00
- 35) RESEARCH CAREER AWARD  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 K 04 HLO0217-03  
MSN HS-MED RADIOLOGY RADIO-PHYS (144-L 664) 36,613.00
- 36) RESEARCH CAREER AWARD  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 1 K 04 AI00274-01  
MSN AG&LSC BACTERIOLOGY (144-L 670) 32,594.00
- 37) POSTDOCTORAL FELLOWSHIP AWARD  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 1 F 32 G M 06598-01  
MSN AG&LSC BIOCHEMISTRY (144-L 687) 14,500.00
- 38) POSTDOCTORAL FELLOWSHIP AWARD  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 F 32 A M 05502-02  
MSN AG&LSC BIOCHEMISTRY (144-L 688) 13,400.00
- 39) POSTDOCTORAL FELLOWSHIP AWARD  
FOR THE PERIOD 06-27-78 THROUGH 06-26-79  
AWARD # 5 F 32 NS05536-02  
MSN HS-MED NEUROPHYSIOLOGY (144-L 689) 13,400.00
17. UNIVERSITY OF NORTH CAROLINA  
CHAPEL HILL, NC  
PRIME CONTRACTOR WITH DHEW PHS NIH  
NEUROPSYCHOPHARMACOLOGY OF DEVELOPMENTAL  
DISORDERS  
FOR THE PERIOD 12-01-77 THROUGH 11-30-78  
AWARD # AGREEMENT DTD 05/18/78  
MSN HS-PSY PSYCHIATRIC INST (144-L 480) 22,470.00
18. WI DEPT OF HEALTH AND SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHEW PHS NIH  
DIETARY MATERIALS FOR AUTHORIZED CASES OF RARE  
METABOLIC DISEASE  
FOR THE PERIOD 07-01-77 THROUGH 09-30-78  
AT A TOTAL COST OF \$4,625.00  
AWARD # AGREEMENT DTD 06/21/77, MOD. 1  
MSN GRAD WAISMN RETARD CT (144-K 248) 925.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

19. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHEW PHS NIH/  
FAMILY DEVELOPMENTAL DISABILITY CLINIC  
FOR THE PERIOD 07-01-77 THROUGH 09-30-78  
AT A TOTAL COST OF \$62,500.00  
AWARD # NONE  
MSN GRAD WAISMN RETARD CT (144-K325) 12,500.00
20. MARSHFIELD MEDICAL FOUNDATION, INC  
MARSHFIELD, WI  
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE  
UW SYSTEM UNDER AGREEMENT FROM DHEW PHS NIH  
ONCOLOGY STUDIES: EASTERN COOPERATIVE ONCOLOGY  
GROUP  
FOR THE PERIOD 04-01-78 THROUGH 05-31-78  
AT A TOTAL COST OF \$3,415.00  
AWARD # 105K490  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-L355)
21. RADIATION THERAPY ONCOLOGY GROUP  
PHILADELPHIA, PA  
PRIME CONTRACTOR WITH DHEW PHS NIH  
SUPPORT FOR A RECORDS CLERK - SECRETARIAL POSITION  
FOR THE PERIOD 02-01-78 THROUGH 01-31-79  
AWARD # LETTER DTD 05/11/78  
MSN HS-MED HUMAN ONCOLOGY RAD THERAP (144-L625) 8,050.00
22. DHEW, SOCIAL SECURITY ADMINISTRATION  
BALTIMORE, MD  
A CONFERENCE ON INCOME TESTING  
FOR THE PERIOD 06-01-78 THROUGH 05-31-79  
AWARD # 10-P-97011/5-01  
MSN L&S INST-RES ON POV (144-L639) 33,857.00
23. DOD, AIR FORCE  
BEDFORD, MA  
STUDIES IN MESOSCAL WEATHER FORECASTING  
FOR THE PERIOD 06-01-78 THROUGH 05-31-81  
AWARD # F19628-78-C-0137  
MSN GRAD SPACE SCI&ENG CT (144-L692) 30,000.00
24. DOD, ARMY  
RESEARCH TRIANGLE PARK, NC  
TRANSFER OF INFRARED AND VISIBLE RADIATION THROUGH  
CLOUDS OF FINITE HORIZONTAL AND VERTICAL EXTENT  
FOR THE PERIOD 06-01-78 THROUGH 05-31-79  
AWARD # DAAG29-78-G-0109  
MSN L&S METEOROLOGY (144-L549) 34,015.00
25. UNION CARBIDE CORPORATION  
OAK RIDGE, TN  
PRIME CONTRACTOR WITH DOD  
LOAN OF PLASMA PHYSICS COMPUTER INTERFACER  
FOR THE PERIOD 01-01-78 THROUGH 12-31-79  
AWARD # 7490  
MSN ENGR ENGR EXPER STA NUCL ENGR

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

26. DEPARTMENT OF ENERGY  
ARGONNE, IL  
IN SUPPORT OF THE FOLLOWING:
- 1) RADIATION DAMAGE STUDIES FOR FUSION REACTORS  
FOR THE PERIOD 10-01-77 THROUGH 09-30-78  
AWARD # ET-78-S-02-4640  
MSN ENGR ENGR EXPER STA NUCL ENGR (144-L134) 115,000.00
  - 2) ENGINEERING SUBACCOUNT  
FOR THE PERIOD 08-01-76 THROUGH 01-31-79  
AWARD # EY-76-S-02-2387  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-L285) 9,200.00
  - 3) EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS  
VERMICULITE AND ITS WEATHERING PRODUCTS DETERMINED  
BY ELECTRON MICROSCOPY AND RADIOCHEMICAL ANALYSIS  
FOR THE PERIOD 02-01-78 THROUGH 10-31-78  
AWARD # EY-76-S-02-1515  
MSN AG&LSC SOILS (144-L461) 17,925.00
27. UNIVERSITY OF CHICAGO, ARGONNE NATIONAL LABORATORY  
ARGONNE, IL  
PRIME CONTRACTOR WITH DOE  
AIR EJECTOR OPTIMIZATION WITH APPLICATION TO  
COMPRESSED AIR ENERGY STORAGE SYSTEMS  
FOR THE PERIOD 05-08-78 THROUGH 09-30-78  
AWARD # 31-109-38-4457  
MSN ENGR ENGR EXPER STA MECH ENGR (144-L558) 13,780.00
28. WI DEPT OF ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DOE  
ENERGY SYSTEM AND POLICY ANALYSIS FOR THE STATE  
OF WISCONSIN  
FOR THE PERIOD 02-08-78 THROUGH 02-07-79  
AWARD # ADH-02235  
MSN ENGR ENGR EXPER STA ENERGY RES (144-L512) 65,000.00
29. UNION CARBIDE CORPORATION, OAK RIDGE NATIONAL  
LABORATORY  
OAK RIDGE, TN  
PRIME CONTRACTOR WITH DOE  
HIERARCHICAL APPROACHES TO COMMUNITY SUCCESSION:  
REDUCTION OF FIELD AND SIMULATED DATA  
FOR THE PERIOD 06-01-78 THROUGH 05-31-79  
AWARD # 19X-55453V  
MSN L&S BOTANY (144-L559) 8,347.00
30. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
PRIME CONTRACTOR WITH EPA  
ALTERNATIVE WASTEWATER FACILITIES FOR SMALL  
COMMUNITIES  
FOR THE PERIOD 06-01-78 THROUGH 05-31-79  
AWARD # CONTRACT DTD 05/23/78  
MSN AG&LSC NAT RESOURCES WASTE S RP (144-L555) 14,000.00



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

31. INTER, FISH AND WILDLIFE SERVICE  
WASHINGTON, DC  
STUDY OF HABITAT UTILIZATION AND FEEDING ECOLOGY  
OF MIGRANT WHOOPING CRANES  
FOR THE PERIOD 04-03-78 THROUGH 09-30-79  
AWARD # 14-16-0009-78-034  
MSN AG&LSC NAT RESOURCES WLFIE ECOL (144-L448) 6,100.00
32. LABOR, DEPT. OF  
WASHINGTON, DC  
AMERICAN EXCEPTIONALISM AND THE STRIKE: A  
COMPARATIVE STUDY OF LONGRUN TRENDS IN INDUSTRIAL  
CONFLICT  
FOR THE PERIOD 04-01-78 THROUGH 03-31-79  
AWARD # 91-55-78-20  
MSN L&S IND REL RES INST (144-L339) 11,396.00
33. NATIONAL AERONAUTICS & SPACE ADMIN.  
HOUSTON, TX  
VITAMIN D METABOLITES AND BONE DEMINERALIZATION  
FOR THE PERIOD 04-01-78 THROUGH 10-01-78  
AWARD # NAS 9-15580  
MSN AG&LSC BIOCHEMISTRY (144-L588) 24,407.00
34. NATIONAL ENDOWMENT FOR THE HUMANITIES  
WASHINGTON, DC  
CREATION OF AN OLD SPANISH DICTIONARY THROUGH  
COMPUTERIZED TECHNIQUES  
FOR THE PERIOD 07-01-77 THROUGH 06-30-80  
AT A TOTAL COST OF \$250,833.00  
AWARD # RT-26090-77-529  
MSN L&S SPANISH & PORT (144-K161) 16,328.00
35. UNIVERSITY OF MAINE  
ORONO, ME  
PRIME CONTRACTOR WITH NSF  
RELATIVE CHRONOLOGY OF ANTARCTIC SOILS AND RELATED  
PEDOLOGICAL STUDIES  
FOR THE PERIOD 10-01-78 THROUGH 09-30-79  
AWARD # NONE  
MSN AG&LSC SOILS (144-L608) 20,452.00
36. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) FUNDAMENTAL PROPERTIES AND USE OF MEMBRANE SYSTEMS  
FOR CHEMICAL ANALYSIS  
FOR THE PERIOD 10-15-76 THROUGH 03-31-80  
AT A TOTAL COST OF \$107,500.00  
AWARD # CHE 76-15128, MOD. 2  
MSN L&S CHEMISTRY (144-J276) 37,200.00
- 2) CHARACTERISTICS OF THE GLOBAL SCALE AND TIME-  
AVERAGED MOTIONS OF THE ATMOSPHERE  
FOR THE PERIOD 06-01-77 THROUGH 11-30-79  
AT A TOTAL COST OF \$71,400.00  
AWARD # ATM 77-06703, MOD. 1  
MSN L&S METEOROLOGY (144-K143) 36,700.00



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

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|-----|--|------------|-----------|
| 3)  | SULFIDE-SILICATE EQUILIBRIA IN PELITIC SCHISTS<br>IN NORTHWESTERN MAINE<br>FOR THE PERIOD 06-01-77 THROUGH 05-31-79<br>AT A TOTAL COST OF \$35,900.00<br>AWARD # EAR 77-04521, MOD. 1<br>MSN L&S GEOL & GEOPHYSICS | (144-K399) | 8,700.00  |
| 4)  | MOLECULES WITH HYDROPHOBIC CAVITIES<br>FOR THE PERIOD 08-01-77 THROUGH 01-31-80<br>AT A TOTAL COST OF \$77,400.00<br>AWARD # CHE 76-80880, MOD. 1<br>MSN L&S CHEMISTRY   | (144-K412) | 40,300.00 |
| 5)  | DEFINED DEOXYRIBONUCLEIC ACIDS<br>FOR THE PERIOD 10-01-77 THROUGH 03-31-80<br>AT A TOTAL COST OF \$107,000.00<br>AWARD # PCM 77-15033, MOD. 1<br>MSN AG&LSC BIOCHEMISTRY   | (144-K612) | 52,000.00 |
| 6)  | GLOBAL AND ASYMPTOTIC PROBLEMS IN DIFFERENTIAL<br>EQUATIONS<br>FOR THE PERIOD 05-15-78 THROUGH 10-31-80<br>AWARD # MCS 78-01254<br>MSN L&S MATHEMATICS   | (144-L545) | 31,200.00 |
| 7)  | THE DEVELOPMENT OF MATHEMATICAL STATISTICS<br>FOR THE PERIOD 06-01-78 THROUGH 11-30-79<br>AWARD # SOC 78-01668<br>MSN L&S STATISTICS   | (144-L546) | 30,331.00 |
| 8)  | STARCH SYNTHESIS IN THE ENDOSPERM OF MAIZE<br>FOR THE PERIOD 06-01-78 THROUGH 11-30-79<br>AWARD # PCM 77-12884<br>MSN AG&LSC GENETICS  | (144-L547) | 24,656.00 |
| 9)  | SEVERAL COMPLEX VARIABLES AND HARMONIC ANALYSIS<br>FOR THE PERIOD 06-01-78 THROUGH 11-30-79<br>AWARD # MCS 78-06860<br>MSN L&S MATHEMATICS   | (144-L548) | 54,700.00 |
| 10) | THE STRUCTURE AND ENERGETICS OF CONVECTIVE<br>SYSTEMS IN GATE<br>FOR THE PERIOD 05-01-78 THROUGH 10-31-79<br>AWARD # ATM 78-05951<br>MSN GRAD SPACE SCI&ENG CT   | (144-L561) | 72,200.00 |
| 11) | LEAF STRUCTURE IN RELATION TO SOLUTE TRANSPORT<br>AND PHLOEM LOADING<br>FOR THE PERIOD 07-01-78 THROUGH 12-31-80<br>AWARD # PCM 78-03872<br>MSN L&S BOTANY   | (144-L578) | 80,000.00 |
| 12) | ENZYMES SYNTHESIZING CARTENES IN PLANTS<br>FOR THE PERIOD 06-01-78 THROUGH 11-30-79<br>AWARD # PCM 77-15825<br>MSN HS-MED PHYSIOLOG CHEM   | (144-L580) | 30,000.00 |



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

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| 13) | SINGULAR INTEGRALS AND MAXIMAL FUNCTIONS IN<br>EUCLIDIAN SPACES<br>FOR THE PERIOD 06-01-78 THROUGH 11-30-80<br>AWARD # MCS 78-07654<br>MSN L&S MATHEMATICS             | (144-L581) | 25,500.00 |
| 14) | MECHANISTIC AND ANALYTICAL STUDIES IN ORGANIC<br>ELECTROCHEMISTRY<br>FOR THE PERIOD 07-01-78 THROUGH 12-31-79<br>AWARD # CHE 78-08727<br>MSN L&S CHEMISTRY             | (144-L599) | 66,300.00 |
| 15) | 5TH INTERNATIONAL SYMPOSIUM ON CAROTENOIDS<br>FOR THE PERIOD 06-01-78 THROUGH 05-31-79<br>AWARD # PCM 77-23328<br>MSN HS-MED PHYSIOLOG CHEM                            | (144-L600) | 2,500.00  |
| 16) | GEOMETRIC AND GENERAL TOPOLOGY<br>FOR THE PERIOD 06-01-78 THROUGH 11-30-81<br>AWARD # MCS 78-00824<br>MSN L&S MATHEMATICS  | (144-L601) | 71,494.00 |
| 17) | STOCHASTIC MODELS FOR THE GROWTH AND MOVEMENT OF<br>POPULATIONS<br>FOR THE PERIOD 06-01-78 THROUGH 11-30-79<br>AWARD # MCS 78-01348<br>MSN L&S MATHEMATICS             | (144-L602) | 34,000.00 |
| 18) | PROBABILITY THEORY AND RELATED ANALYSIS<br>FOR THE PERIOD 06-01-78 THROUGH 11-30-79<br>AWARD # MCS 78-01241<br>MSN L&S MATHEMATICS                                     | (144-L603) | 20,649.00 |
| 19) | VLF RADIO POSITIONING OF SEISMOLOGICAL ARRAYS<br>FOR THE PERIOD 04-15-78 THROUGH 09-30-79<br>AWARD # EAR 78-05492<br>MSN L&S GEOL & GEOPHYSICS GEO-POLAR               | (144-L640) | 18,300.00 |
| 20) | ASYMPTOTIC PROBLEMS IN FUNCTION THEORY AND<br>INTEGRODIFFERENTIAL EQUATIONS<br>FOR THE PERIOD 06-01-78 THROUGH 11-30-79<br>AWARD # MCS 78-02908<br>MSN L&S MATHEMATICS | (144-L642) | 22,400.00 |
| 21) | N-METHYLIMIDAZOLE AS AN ANALYTICAL DERIVATIZATION<br>CATALYST<br>FOR THE PERIOD 07-01-78 THROUGH 12-31-80<br>AWARD # CHE 78-06603<br>MSN HS-PHR PHARMACY               | (144-L643) | 31,200.00 |
| 22) | HARMONIC ANALYSIS<br>FOR THE PERIOD 06-01-78 THROUGH 11-30-80<br>AWARD # MCS 78-07647<br>MSN L&S MATHEMATICS   | (144-L644) | 36,900.00 |



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

- 23) FREE BOUNDARY PROBLEMS  
FOR THE PERIOD 06-01-78 THROUGH 11-30-80  
AWARD # MCS 77-26732  
MSN L&S COMPUTER SCI (144-L665) 50,971.00
- 24) STATISTICAL INFERENCE PERTAINING TO FAMILIES OF  
DISCRETE DISTRIBUTIONS  
FOR THE PERIOD 06-01-78 THROUGH 11-30-80  
AWARD # MCS 77-28420  
MSN L&S STATISTICS (144-L672) 40,098.00
- 25) MACROMOLECULAR HYDRODYNAMICS  
FOR THE PERIOD 06-15-78 THROUGH 11-30-79  
AWARD # ENG 78-06789  
MSN ENGR ENGR EXPER STA CHEM ENGR (144-L678) 78,985.00
- 26) BIOLOGICAL FIXATION OF NITROGEN  
FOR THE PERIOD 06-15-78 THROUGH 11-30-79  
AWARD # PCM 77-21038  
MSN AG&LSC BIOCHEMISTRY (144-L679) 47,300.00
- 27) COMPUTER SCIENCE RESEARCH EQUIPMENT  
FOR THE PERIOD 06-15-78 THROUGH 11-30-79  
AWARD # MCS 78-06809  
MSN L&S COMPUTER SCI (144-L701) 150,000.00
37. U.S. - SPANISH JOINT COMMITTEE FOR EDUCATIONAL AND  
CULTURAL AFFAIRS  
MADRID, SPAIN  
PRIME CONTRACTOR WITH STATE  
INDUSTRIAL GROWTH AND POPULATION CHANGE IN RURAL  
AREAS OF SPAIN AND THE UNITED STATES  
FOR THE PERIOD 03-15-78 THROUGH 03-14-79  
AWARD # III-P.774013  
MSN AG&LSC SOCIOLOGY(RURAL) (144-L583) 16,500.00
38. KINETIC RESEARCH, INC.  
MADISON, WI  
PRIME CONTRACTOR WITH TRANS  
STATISTICAL ANALYSIS SUPPORT IN CONJUNCTION  
WITH THE RSV PHASE III EFFORT  
FOR THE PERIOD 03-30-77 THROUGH 09-30-78  
AT A TOTAL COST OF \$12,800.00  
AWARD # 2115 & 029  
MSN L&S STATISTICS (144-K702) 2,000.00
39. TRANSPORTATION, DEPT. OF  
WASHINGTON, DC  
UNION-MANAGEMENT PROGRAMS IN URBAN TRANSIT  
FOR THE PERIOD 06-01-78 THROUGH 08-31-79  
AWARD # WI-11-0006  
MSN L&S IND REL RES INST (144-L532) 73,815.00
40. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
RESEARCH AND DEVELOPMENT FUND IN THE DEPARTMENT OF  
PEDIATRICS  
MSN HS-MED PEDIATRICS (133-A238) 12,000.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

41. CANCER RESEARCH- MCARDLE MEMORIAL LABORATORY  
MSN HS-MED ONCOLOGY (133-A250)

|          |   |
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| 143.00   | MULTIPLE DONORS IN MEMORY OF<br>MRS. ELIZABETH T. CURTIS, FAIRFIELD, IA |
| 200.00   | MULTIPLE DONORS IN MEMORY OF<br>MRS. DOLORES SPAETE                     |
| 500.00   | MULTIPLE DONORS IN MEMORY OF<br>URIEL E GAREY, MANITOWOC, WI            |
| 40.00    | MULTIPLE DONORS IN MEMORY OF<br>OLEN D. MELTON, URBANA, IL              |
| 40.00    | MULTIPLE DONORS IN MEMORY OF<br>JEFF WANNER, PITTSBURGH, PA             |
| 100.00   | MULTIPLE DONORS IN MEMORY OF<br>ANNA M. PICOTTE                         |
| 125.00   | MULTIPLE DONORS IN MEMORY OF<br>RAY SHANNON, BELoit, WI                 |
| 15.00    | MULTIPLE DONORS IN MEMORY OF<br>CHARLES MONEYPHEN, GLENVIEW, IL         |
| 20.00    | MULTIPLE DONORS IN MEMORY OF<br>LEO P. KESSENICH, WAUNAKEE, WI          |
| 5.00     | MULTIPLE DONORS IN MEMORY OF<br>MRS. TILL CUMMINS, BETTENDORF, IA       |
| 20.00    | MULTIPLE DONORS IN MEMORY OF<br>RICHARD BURT, MADISON, WI               |
| 5.00     | MULTIPLE DONORS IN MEMORY OF<br>JOHN C. BOND, MADISON, WI               |
| 200.00   | MULTIPLE DONORS IN MEMORY OF<br>MRS. MARJORIE CAMPBELL, RAPID CITY, SD  |
| 701.22   | MULTIPLE DONORS   |
| 5.00     | MULTIPLE DONORS IN MEMORY OF<br>MRS. LOUISE C. REISS, SHEBOYGAN, WI     |
| 20.00    | MULTIPLE DONORS IN MEMORY OF<br>WILLIAM R. MANDT, SUN PRAIRIE, WI       |
| 2,500.00 | BARABOO UNITED FUND, INC<br>BARABOO, WI                                 |
| 15.00    | MULTIPLE DONORS IN MEMORY OF<br>MRS. HARRIETT JOHNSON, WAUKESHA, WI     |
| 20.00    | MULTIPLE DONORS IN MEMORY OF<br>MR. O'CONNELL, RACINE, WI               |
| 25.00    | MULTIPLE DONORS IN MEMORY OF<br>FRANK SOMMERS, CARY, IL                 |
| 74.25    | MULTIPLE DONORS IN MEMORY OF<br>MRS. LILLIAN HUEBNER                    |
| 10.00    | MULTIPLE DONORS IN MEMORY OF<br>LENICE ARNOLD, MILWAUKEE, WI            |
| 25.00    | MULTIPLE DONORS IN MEMORY OF<br>LOUISE CARRERE REISS AND IRENE WHITING  |

4,808.47

42. CANCER RESEARCH  
MSN HS-MED

(133-A251)

|        |   |
|--------|---|
| 5.00   | MULTIPLE DONORS   |
| 364.42 | UNITED FUND OF TROY TOWNSHIP, INC<br>ST. CROIX COUNTY, WI |
| 10.00  | MULTIPLE DONORS IN MEMORY OF<br>MRS. ELMIRE MORGAN        |
| 350.00 | UNITED FUND OF NEW LONDON, WI<br>NEW LONDON, WI           |
| 100.00 | OWEN COMMUNITY CHEST<br>OWEN, WI                          |
| 125.00 | CEDAR GROVE AREA UNITED FUND, INC<br>CEDAR GROVE, WI      |

954.42

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

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| 43. | HEART RESEARCH<br>MSN HS-MED   | (133-A252)  |           |
|     | 300.00   | MULTIPLE DONORS IN MEMORY OF<br>FREDERICK KELLER, SHEBOYGAN FALLS, WI |           |
|     | 25.00  | MULTIPLE DONORS   |           |
|     | 875.00   | LANCASTER COMMUNITY CHEST, INC<br>LANCASTER, WI                       |           |
|     | 100.00   | CEDAR GROVE AREA UNITED FUND, INC<br>CEDAR GROVE, WI                  |           |
|     |  |   | 1,300.00  |
| 44. | MULTIPLE DONORS<br>RESEARCH ON THE CONTROL OF PEA ROOT ROT<br>MSN AG&LSC PLANT PATHOLOGY   | (133-A357)  | 4,971.25  |
| 45. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>DEFRAY COST OF EQUIPMENT FOR THE GLUCOSE SENSOR<br>PROJECT OF THE DEPARTMENT OF OPHTHALMOLOGY<br>MSN HS-MED OPHTHALMOLOGY | (133-A505)  | 25,500.00 |
| 46. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT<br>FUND<br>MSN HS-MED MEDICINE  | (133-A525)  | 33,000.00 |
| 47. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF<br>DIAGNOSTIC RADIOLOGY<br>MSN HS-MED RADIOLOGY                             | (133-A529)  | 20,404.50 |
| 48. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>DEPARTMENT OF ANESTHESIOLOGY RESEARCH AND<br>DEVELOPMENT FUND<br>MSN HS-MED ANESTHESIOLOGY                                | (133-A532)  | 19,873.66 |
| 49. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>DEPARTMENT OF SURGERY RESEARCH AND DEVELOPMENT<br>FUND<br>MSN HS-MED SURGERY  | (133-A534)  | 20,000.00 |
| 50. | MULTIPLE DONORS IN MEMORY OF<br>HILDA CLARKE<br>SUPPORT HEMATOLOGY SECTION IN THE DEPARTMENT OF<br>MEDICINE<br>MSN HS-MED MEDICINE   | HEMATOLOGY (133-A802)   | 100.00    |
| 51. | MULTIPLE DONORS<br>ESTROGEN-RECEPTOR ASSAY ACCOUNT<br>MSN HS-MED HUMAN ONCOLOGY  | (133-A826)  | 5,800.00  |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

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| 52. | MULTIPLE DONORS<br>SOIL DECONTAMINATING RESEARCH<br>MSN AG&LSC SOILS   | (133-A862)            | 75.00     |
| 53. | BOEHRINGER INGELHEIM, LTD.<br>ELMSFORD, NY<br>CLINICAL STUDY OF COUMADIN AND PERSANTINE THERAPY<br>FOR GLOMERULOPATHIES<br>MSN HS-MED MEDICINE                                 | NEPHROLOGY (133-A890) | 3,000.00  |
| 54. | STATE OF WISCONSIN<br>DEPARTMENT OF HEALTH AND SOCIAL SERVICES<br>MADISON, WI<br>CRISIS INTERVENTION CENTER<br>MSN GRAD WAISMN RETARD CT                                       | (133-A961)            | 160.00    |
| 55. | BIO-BASICS INTERNATIONAL CORPORATION<br>NEW YORK, NY<br>CARNITINE RESEARCH STUDY<br>MSN AG&LSC NUTRIT SCIENCES   | (133-A993)            | 1,500.00  |
| 56. | MERCK & COMPANY, INC<br>RAHWAY, NJ<br>GERMINATION OF STREPTOMYCES SPORES<br>MSN AG&LSC BACTERIOLOGY  | (133-B033)            | 1,500.00  |
| 57. | DATA RESOURCES, INC.<br>LEXINGTON, MA<br>ESTIMATING SUBSTITUTION POSSIBILITIES<br>BETWEEN IMPORTS AND DOMESTIC PRODUCTION<br>MSN L&S ECONOMICS                                 | (133-B151)            | 2,190.00  |
| 58. | MULTIPLE DONORS IN MEMORY OF<br>TROY SHEN<br>RESEARCH IN LIVER DISEASE<br>MSN HS-MED PEDIATRICS  | (133-B196)            | 353.00    |
| 59. | SYNTEX USA, INC.<br>PALO ALTO, CA<br>FLUNISOLIDE NASAL SPRAY PERENNIAL RHINITIS BASIC<br>PARALLEL DESIGN (ACTIVE VS VEHICLE CONTROL) ICM<br>STUDY # 563<br>MSN HS-MED MEDICINE | (133-B208)            | 2,109.00  |
| 60. | MILNER FOUNDATION<br>MARSHFIELD, WI<br>MORPHOLOGIC STUDIES ON HUMAN DIABETIC EYES<br>MSN HS-MED OPHTHALMOLOGY  | (133-B286)            | 5,350.36  |
| 61. | HOFMAN-LA ROCHE, INC.<br>NUTLEY, NJ<br>STUDY OF ESTRAMUSTINE PHOSPHATE THERAPY IN<br>CARCINOMA OF PROSTATE<br>MSN HS-MED SURGERY   | UROLOGY (133-B357)    | 36,942.00 |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

62. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
CARDIOPULMONARY STUDIES  
MSN AG&LSC VETERINARY SCI (133-8408) 5,400.00
63. MINNESOTA-WISCONSIN BOUNDARY AREA COMMISSION  
MADISON, WI  
THE LOWER ST. CROIX CARRYING CAPACITY STUDY:  
THE COLLECTION AND ANALYSIS OF USER AND RELATED  
RESOURCE DATA FOR THE PERIOD 03-01-77 THRU  
06-01-78 AT A TOTAL COST OF \$21,169.27  
MSN AG&LSC NAT RESOURCES LAND ARCH (133-8476) 769.27
64. MULTIPLE DONORS  
ORCHARD FRUIT DISEASES AND THEIR CONTROL  
MSN AG&LSC PLANT PATHOLOGY (133-8497) 2,300.00
65. MULTIPLE DONORS  
ROOT DISEASES OF SOYBEAN  
MSN AG&LSC PLANT PATHOLOGY (133-8522) 500.00
66. AMBER LABORATORIES DIVISION  
MILBREW, INC.  
JUNEAU, WI  
STUDIES INVOLVING BEET COLORANT  
MSN AG&LSC FOOD SCIENCE (133-8528) 18,000.00
67. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
EPIDEMIOLOGY OF BICYCLE INJURIES IN THE UW STUDENT  
POPULATION  
MSN HS-MED SURGERY ORTHO SURG (133-8578) 3,000.00
68. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
EFFECTS OF AQUATICS EXERCISE PROGRAM IN  
ADOLESCENTS WITH IDIOPATHIC SCOLIOSIS  
MSN HS-MED SURGERY GEN SURG (133-8579) 17,740.00
69. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
MCELVAIN RESEARCH ASSISTANTSHIP  
MSN L&S CHEMISTRY (133-8605) 18,000.00
70. MULTIPLE DONORS  
DEPARTMENT OF FOOD SCIENCE CHAIRMAN'S  
DISCRETIONARY FUND  
MSN AG&LSC FOOD SCIENCE (133-8656) 3,500.00
71. MULTIPLE DONORS  
RESEARCH ON POTATO AND FRUIT DISEASES  
MSN AG&LSC PLANT PATHOLOGY (133-8680) 2,000.00
72. AMOCO PRODUCTION COMPANY  
HOUSTON, TX  
DEFRAY COST OF GRADUATE THESIS WORK ON THE  
PIPE CREEK JR. QUARRY IN NORTHERN INDIANA  
MSN L&S GEOL & GEOPHYSICS (133-8838) 150.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

73. ~~BABCOCK & WILCOX COMPANY~~  
ALLIANCE, OH  
SENSOR RESPONSE VERIFICATION USING DYNAMIC  
DATA SYSTEM FOR THE PERIOD 09-21-77 THRU  
07-01-78 AT A TOTAL COST OF \$34,000  
AWARD # P.O. #54792  
MSN ENGR ENGR EXPER STA MECH ENGR (133-B895) 4,000.00
74. STATE OF WISCONSIN  
DEPARTMENT OF REVENUE  
MADISON, WI  
EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD  
08-29-77 THRU 06-30-78 AT A REDUCED LEVEL  
OF \$6,338 PER REVISED BUDGET  
AWARD # P.O. #RDH 80315  
MSN L&S INST-RES ON POV (133-B897) 4,086.00-
75. MULTIPLE DONORS  
CONTROL OF SOIL-BORNE PATHOGENS  
MSN AG&LSC PLANT PATHOLOGY (133-C040) 600.00
76. STATE OF WISCONSIN  
DEPARTMENT OF HEALTH AND SOCIAL SERVICES  
MADISON, WI  
DIVISION OF COMMUNITY SERVICES FACILITIES SURVEY  
FOR THE PERIOD 03-01-78 THRU 08-31-78  
AWARD # P.O. #GAH 95009 P  
MSN GRAD WAISMN RETARD CT (133-C178) 36,244.00
77. MULTIPLE DONORS  
POTATO RESEARCH  
MSN AG&LSC UNIV EXPTL FARMS HANCOCK (133-C235) 2,300.00
78. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
DEFRAY COST OF REMODELING THE LIVESTOCK HANDLING  
BUILDING AT THE ARLINGTON EXPERIMENTAL FARM  
MSN AG&LSC UNIV EXPTL FARMS ADMIN (133-C238) 10,233.00
79. STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES  
MADISON, WI  
DISTRIBUTION AND STATUS OF REPTILES AND AMPHIBIANS  
IN WISCONSIN FOR THE PERIOD 05-01-78 THRU 06-30-78  
MSN L&S ZOOLOGY (133-C240) 1,075.00
80. STATE OF WISCONSIN  
DEPARTMENT OF HEALTH AND SOCIAL SERVICES  
MADISON, WI  
WELFARE REFORM STUDY FOR THE PERIOD  
04-20-78 THRU 12-31-78  
AWARD # P.O. #GAH-47978  
MSN L&S INST-RES ON POV (133-C241) 1,200.00
81. AMERICAN DIABETES ASSOCIATION, INC.  
NEW YORK, NY  
METAL ION ACTIVATION OF PHOSPHOENOLPYRUVATE  
CARBOXYKINASE IN DIABETES FOR THE PERIOD  
07-01-78 THRU 06-30-79  
MSN HS-MED PEDIATRICS (133-C242) 10,000.00



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

82. ~~UPJOHN COMPANY~~  
KALAMAZOO, MI  
C. T. PROVERA SLEEP APNEA STUDY  
MSN HS-MED PREVENTIVE MED (133-C248) 3,500.00
83. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
DEPARTMENT OF IMMUNOBIOLOGY RESEARCH CENTER  
DISCRETIONARY FUND  
MSN HS-MED LYMPHOBIOL PROG (133-C249) 833.00
84. MUSCULAR DYSTROPHY ASSOCIATION  
NEW YORK, NY  
SURFACE TOPOGRAPHY OF DEVELOPING NEURONS IN VITRO  
FOR THE PERIOD 07-01-78 THRU 06-30-79  
MSN L&S PRIMATE RES CTR (133-C250) 18,000.00
85. MUSCULAR DYSTROPHY ASSOCIATION  
NEW YORK, NY  
POPULATION DYNAMICS OF SATELLITE CELLS IN  
DYSTROPHIC MUSCLE FOR THE PERIOD 07-01-78  
THRU 06-30-79  
MSN HS-MED ANATOMY HISTOLOGY (133-C251) 20,000.00
86. AMERICAN DIABETES ASSOCIATION  
WISCONSIN AFFILIATE, INC  
MILWAUKEE, WI  
T-SUPPRESSOR CELL FUNCTION IN JUVENILE ONSET  
DIABETES MELLITUS FOR THE PERIOD 05-31-78 THRU  
05-30-79  
MSN HS-MED PEDIATRICS (133-C259) 6,000.00
87. EASTER SEAL RESEARCH FOUNDATION  
CHICAGO, IL  
ANTERIOR AND POSTERIOR CRUCIATE LIGAMENT  
RECONSTRUCTION: A BIOMECHANICAL AND  
MORPHOLOGICAL EVALUATION FOR THE PERIOD  
07-01-78 THRU 06-30-79  
AWARD # N-7809  
MSN HS-MED SURGERY ORTHO SURG (133-C265) 10,000.00
88. ROCKEFELLER FOUNDATION  
NEW YORK, NY  
IMPROVED ASSESSMENT OF LONG TERM FACTORS AFFECTING  
THE RELATIONSHIP BETWEEN ENERGY SUPPLY AND USE AND  
ASSOCIATED ENVIRONMENTAL IMPACTS FOR THE PERIOD  
10-15-78 THRU 10-14-79  
AWARD # RF 78022, ALLOC. NO. 101  
MSN ENGR ENGR EXPER STA ENERGY RES (133-C266) 17,200.00
89. AMERICAN DIABETES ASSOCIATION  
WISCONSIN AFFILIATE, INC  
MILWAUKEE, WI  
CULTURE AND TRANSPLANTATION OF PANCREATIC ISLET  
CELLS FOR THE PERIOD 06-01-78 THRU 05-31-79  
MSN HS-MED SURGERY GEN SURG (133-C267) 6,000.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

90. INTERNATIONAL POTATO CENTER  
LIMA, PERU  
POTATO BREEDING METHODS WITH SPECIES, HAPLOIDS  
AND 2N GAMETES FOR THE PERIOD 07-01-78 THRU  
12-31-80  
AWARD # L-446-CIP-78  
MSN AG&LSC HORTICULTURE (133-C268) 41,800.00
91. STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES  
MADISON, WI  
POPULATION DYNAMICS, LIFE HISTORY AND MANAGEMENT  
RECOMMENDATIONS FOR WILD AMERICAN GINSENG FOR  
THE PERIOD 05-15-78 THRU 11-01-79  
MSN L&S BOTANY (133-C273) 8,298.00
92. NATIONAL FOUNDATION  
MARCH OF DIMES  
WHITE PLAINS, NY  
ENZYMATIC SYNTHESIS OF MEMBRANE PHOSPHOLIPIDS  
IN ANIMAL CELLS DURING THE PERIOD 09-01-78  
THRU 06-30-79  
AWARD # 5-131  
MSN AG&LSC BIOCHEMISTRY (133-C275) 15,450.00
93. AMOCO PRODUCTION COMPANY  
HOUSTON, TX  
STABLE ISOTOPE STUDY USING ROCK SAMPLES COLLECTED  
FROM THORNTON AND PIPE CREEK REEFS  
MSN L&S GEOL & GEOPHYSICS (133-C277) 1,000.00
94. RADIATION MEASUREMENTS INCORPORATED  
MIDDLETON, WI  
QUANTITATIVE TRANSLUMINATION FOR THE PERIOD  
03-01-78 THRU 03-31-79  
MSN HS-MED NEUROLOGY (133-C278) 6,945.00
95. STRUCTURAL DYNAMICS RESEARCH CORPORATION  
CINCINNATI, OH  
ASSIST IN DEVELOPMENT OF ADVANCED COMPUTER AIDED  
DESIGN EDUCATIONAL PROGRAMS  
MSN ENGR ENGR EXPER STA MECH ENGR (133-C284) 50,000.00
96. CLINICAL CONVENIENCE PRODUCTS, INC.  
MADISON, WI  
ENVIRONMENTAL SITE MODIFICATIONS FOR SEVERELY  
DISABLED INDIVIDUALS  
MSN GRAD WAISMN RETARD CT (133-C285) 1,600.00
97. WISCONSIN PUBLIC SERVICE COMMISSION  
MADISON, WI  
EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD  
06-29-78 THRU 08-27-78  
MSN BUS BUSINESS, SCH OF (133-C287) 1,049.58

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

98. ALBERTA RECREATION, PARKS AND WILDLIFE  
FISH AND WILDLIFE DIVISION  
EDMONTON, ALBERTA, CANADA  
STUDY OF THE DISTRIBUTION AND MOVEMENTS OF ELK IN  
RELATION TO HUMAN ACTIVITY WITHIN ELK ISLAND  
NATIONAL PARK FOR THE PERIOD 04-01-78 THRU  
03-31-79  
MSN AG&LSC NAT RESOURCES WLFIE ECOL (133-C288) 6,500.00
99. FALL RIVER CANNING COMPANY  
FALL RIVER, WI  
VEGETABLE PROCESSING  
MSN AG&LSC FOOD SCIENCE (133-C289) 5,000.00
100. WISCONSIN PUBLIC SERVICE CORPORATION  
GREEN BAY, WI  
ANALYSIS OF THE WISCONSIN ELECTRICAL PRICING  
EXPERIMENT FOR THE PERIOD 07-01-78 THRU 06-30-79  
MSN L&S STATISTICS (133-C291) 105,726.00
101. WISCONSIN ELECTRIC UTILITIES RESEARCH FOUNDATION  
MILWAUKEE, WI  
MONITORING AND ANALYSES OF THE PERFORMANCE OF A  
HEAT PUMP ASSISTED SOLAR RESIDENCE IN MADISON,  
WISCONSIN FOR THE PERIOD 09-01-78 THRU 08-31-79  
MSN ENGR ENGR EXPER STA MECH ENGR (133-C293) 6,330.00
102. SAGE (RUSSELL) FOUNDATION  
NEW YORK, NY  
DEFRAY COST OF STUDENT HELP  
MSN L&S SOCIOLOGY (133-C294) 3,850.00
103. MULTIPLE DONORS  
LETTUCE RESEARCH  
MSN AG&LSC PLANT PATHOLOGY (133-C295) 6,000.00
104. MULTIPLE DONORS  
INSECT CONTROL AND RESIDUE STUDIES ON VEGETABLE  
CROPS  
MSN AG&LSC ENTOMOLOGY (133-C296) 500.00
105. KALO LABORATORIES, INC  
KANSAS CITY, MO  
EVALUATION OF NITROGEN FERTILIZATION OF SWEET CORN  
MSN AG&LSC HORTICULTURE (133-C297) 1,250.00
106. MULTIPLE DONORS  
WILDLIFE RESEARCH  
MSN AG&LSC NAT RESOURCES WLFIE ECOL (133-C298) 700.00
107. DOW CHEMICAL U.S.A.  
FREEPORT, TX  
STUDY OF HEXACHLOROBENZENE  
MSN HS-MED NEUROLOGY (133-C302) 2,000.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

108. WESSON & WARHAFTIG, INC., ADVERTISING  
NEW YORK, NY  
RESEARCH FUND #113: HEMODYNAMIC RESPONSES TO  
EXERCISE IN BORDERLINE HYPERTENSION  
MSN HS-MED MEDICINE GEN MED (133-C305) 500.00
109. STATE OF WISCONSIN  
DEPARTMENT OF ADMINISTRATION  
MADISON, WI  
REMONUMENTATION AND BASE MAPPING FOR THE PERIOD  
06-01-78 THRU 08-31-78  
AWARD # CONTRACT #78100  
MSN ENV ST ENV MON&DATA ACQ (133-C310) 1,993.00
110. AMERICAN CANCER SOCIETY, INC  
NEW YORK, NY  
RECOMBINATION AND REPLICATION OF BACTERIOPHAGE DNA  
FOR THE PERIOD 07-01-78 THRU 06-30-79  
AWARD # VC-61G  
MSN GRAD BIOPHYSICS (133-C311) 50,000.00
111. AMERICAN CANCER SOCIETY, INC  
NEW YORK, NY  
TUMOR-INDUCED AND LYMPHOCYTE-INDUCED ANGIOGENESIS  
FOR THE PERIOD 07-01-78 THRU 06-30-79  
AWARD # IM-102A  
MSN L&S ZOOLOGY (133-C312) 87,500.00
112. ROCKEFELLER FOUNDATION  
NEW YORK, NY  
STUDY OF THE ROLE OF RELIGION IN AMERICAN SOCIETY  
AS SEEN THROUGH EARLY AMERICAN RADICAL RELIGIOUS  
GROUPS FOR THE PERIOD 08-01-78 THRU 05-31-79  
AWARD # RF 78020, ALLOC. NO. 131  
MSN L&S HISTORY (133-C313) 19,000.00
113. MADISON WATER UTILITY  
MADISON, WI  
WATER MAIN BREAK RESEARCH PROJECT  
MSN ENGR ENGR EXPER STA CIVIL&ENV (133-C314) 5,100.00
114. AMERICAN CANCER SOCIETY, INC  
NEW YORK, NY  
BIOSYNTHESIS AND ASSEMBLY OF SMALL RNA VIRUSES  
FOR THE PERIOD 07-01-78 THRU 06-30-79  
AWARD # VC-26H  
MSN GRAD BIOPHYSICS (133-C316) 60,000.00
115. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
RHEOLOGY FUND RESEARCH  
MSN L&S CHEMISTRY (133-C317) 1,960.00
116. FOOD AND AGRICULTURE ORGANIZATION  
OF THE UNITED NATIONS  
ROME, ITALY  
TIMBER SUPPLY MODEL FOR INDONESIA  
MSN AG&LSC NAT RESOURCES FORESTRY (133-C318) 10,600.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

117. ENGINEERING FOUNDATION  
NEW YORK, NY  
GEOSTATISTICAL METHODS FOR THE EVALUATION OF LOW  
GRADE MINERAL DEPOSITS FOR THE PERIOD 09-01-78  
THRU 08-31-79  
AWARD # RC-A-77-1B  
MSN ENGR ENGR EXPER STA MET & MIN (133-C319) 10,000.00
118. ARMAK COMPANY  
CHICAGO, IL  
TEST VARIOUS DEER REPELLANTS FOR THEIR RELATIVE  
EFFECTIVENESS ON ALTERING DEER BEHAVIOR AND  
MOVEMENTS FOR THE PERIOD 06-15-78 THRU 09-15-78  
MSN AG&LSC NAT RESOURCES W/LIFE ECOL (133-C321) 5,000.00
119. STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES  
MADISON, WI  
ROLE OF VEGETATED LITTORALS IN EUTROPHICATION  
FOR THE PERIOD 06-01-78 THRU 06-30-79  
MSN ENV ST CTR BIOTIC SYSTS (133-C322) 3,000.00
120. MULTIPLE DONORS  
STUDY OF BASIC AND CLINICAL ASPECTS OF  
EXPERIMENTAL FLOURINE TOXICOSIS  
MSN AG&LSC BIOCHEMISTRY (133-3220) 33,000.00
121. LEUKEMIA RESEARCH-DEPARTMENT OF PEDIATRICS  
MSN HS-MED PEDIATRICS (133-3535)
- |       |   |       |
|-------|---|-------|
| 20.00 | MULTIPLE DONORS IN MEMORY OF<br>KATHY PENNGRAFT     |       |
| 15.00 | MULTIPLE DONORS IN MEMORY OF<br>BRADLEY DEWING      |       |
| 10.00 | MULTIPLE DONORS IN MEMORY OF<br>MICHAEL A. PETERSON |       |
|       |   | 45.00 |
122. GENERAL MEDICAL RESEARCH (133-4152)  
MSN HS-MED
- |        |   |        |
|--------|---|--------|
| 30.00  | MULTIPLE DONORS                                       |        |
| 315.00 | WINNECONNE AREA UNITED FUND, INC<br>WINNECONNE, WI    |        |
| 550.00 | MORICON UNITED COMMUNITY SERVICES, INC<br>MORICON, WI |        |
|        |   | 895.00 |
123. MULTIPLE DONORS  
UNRESTRICTED FUND TO BE USED AT THE DISCRETION OF  
THE CHAIRMAN OF THE DEPARTMENT OF GENETICS  
(MEDICAL) AS APPROVED BY THE DEAN OF THE MEDICAL  
SCHOOL  
MSN HS-MED GENETICS (133-4379) 1,573.49

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

|      |   |   |           |
|------|---|---|-----------|
| 124. | DOM CHEMICAL U.S.A.<br>FREEPORT, TX<br>DERMATOLOGY RESEARCH<br>MSN HS-MED MEDICINE  | DERMATOLGY (133-4911)                                     | 3,000.00  |
| 125. | MULTIPLE DONORS<br>WEED CONTROL IN AGRONOMIC CROPS<br>MSN AG&LSC AGRONOMY   | (133-5014)  | 3,500.00  |
| 126. | STUDY OF THE DEVELOPMENT OF IMPROVED SOIL AND<br>WATER MANAGEMENT SYSTEMS FOR SLOPING LAND IN THE<br>UPPER MISSISSIPPI VALLEY FOR THE PERIOD 07-01-77<br>THRU 06-30-79<br>MSN AG&LSC UNIV EXPTL FARMS | (133-5139)  |           |
|      | 6,000.00  | MINNESOTA AGRICULTURAL EXPERIMENT STATION<br>ST. PAUL, MN |           |
|      | 8,000.00  | IOWA AGRICULTURAL EXPERIMENT STATION<br>AMES, IA          |           |
|      |   |   | 14,000.00 |
| 127. | MULTIPLE DONORS IN MEMORY OF<br>ERWIN TOLDT<br>MENTAL HEALTH RESEARCH<br>MSN HS-MED PSYCHIATRY  | (133-5141)  | 575.00    |
| 128. | MULTIPLE DONORS<br>MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND<br>MSN HS-MED  | (133-5671)  | 235.00    |
| 129. | UNION CARBIDE CORPORATION<br>NEW YORK, NY<br>SUPPORT GRADUATE RESEARCH IN ECONOMIC GEOLOGY<br>MSN L&S GEOL & GEOPHYSICS   | (133-5933)  | 2,000.00  |
| 130. | ELI LILLY AND COMPANY<br>INDIANAPOLIS, IN<br>THE MODE OF ACTION OF AMINOGLYCOSIDE ANTIBIOTICS<br>AND RELATED PROBLEMS<br>MSN AG&LSC BIOCHEMISTRY  | (133-6602)  | 3,000.00  |
| 131. | MULTIPLE DONORS<br>PLANT DISEASE CONTROL STUDIES<br>MSN AG&LSC PLANT PATHOLOGY  | (133-6696)  | 1,650.00  |
| 132. | CEDAR GROVE AREA UNITED FUND, INC<br>CEDAR GROVE, WI<br>BIRTH DEFECTS RESEARCH<br>MSN HS-MED  | (133-6813)  | 100.00    |
| 133. | STUFFER CHEMICAL COMPANY<br>MOUNTAIN VIEW, CA<br>TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL<br>MSN AG&LSC ENTOMOLOGY   | (133-6855)  | 300.00    |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

|      |   |  |           |
|------|---|--|-----------|
| 134. | MULTIPLE DONORS<br>RESEARCH ON TRUCK CROP AND POTATO INSECTS<br>MSN AG&LSC ENTOMOLOGY   | (133-7068)   | 1,500.00  |
| 135. | CHEVRON CHEMICAL COMPANY<br>SAN FRANCISCO, CA<br>RESEARCH RELATING TO ORNAMENTAL INSECT CONTROL<br>MSN AG&LSC ENTOMOLOGY  | (133-7087)   | 500.00    |
| 136. | MULTIPLE DONORS<br>SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED<br>CONTROL IN FRUIT AND VEGETABLE CROPS<br>MSN AG&LSC HORTICULTURE  | (133-7179)   | 4,450.00  |
| 137. | STAUFFER CHEMICAL COMPANY<br>MOUNTAIN VIEW, CA<br>RESEARCH ON FRUIT INSECT CONTROL<br>MSN AG&LSC ENTOMOLOGY   | (133-7444)   | 300.00    |
| 138. | LANCASTER COMMUNITY CHEST, INC<br>LANCASTER, WI<br>HEMATOLOGY RESEARCH<br>MSN HS-MED MEDICINE   | HEMATOLOGY (133-7667)  | 875.00    |
| 139. | MULTIPLE DONORS<br>BIONOMICS AND CONTROL OF INSECTS ATTACKING<br>VEGETABLE CROPS<br>MSN AG&LSC ENTOMOLOGY   | (133-7777)   | 642.50    |
| 140. | ABBOTT LABORATORIES<br>NORTH CHICAGO, IL<br>CLINICAL STUDIES OF TRANXENE<br>MSN HS-MED NEUROLOGY  | (133-8012)   | 809.00    |
| 141. | RESEARCH TO PREVENT BLINDNESS, INC.<br>NEW YORK, NY<br>DISCRETIONARY GRANT IN THE DEPARTMENT OF<br>OPHTHALMOLOGY<br>MSN HS-MED OPTHALMOLOGY   | (133-8048)   | 7,500.00  |
| 142. | STATE OF WISCONSIN<br>DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER<br>PROTECTION<br>MADISON, WI<br>INVESTIGATION OF THE EFFECT OF AGLIME ON SOILS &<br>THE PRODUCTION OF CROPS<br>MSN AG&LSC SOILS | (133-8123)   | 10,232.70 |
| 143. | MULTIPLE DONORS<br>HERBICIDE RESEARCH PROGRAM<br>MSN AG&LSC AGRONOMY  | (133-9070)   | 1,400.00  |
| 144. | SUPPORT CANCER RESEARCH IN THE CLINICAL CANCER<br>CENTER<br>MSN HS-MED HUMAN ONCOLOGY   | (133-9268)   |           |
|      | 5.00  | MULTIPLE DONORS IN MEMORY OF<br>MRS. ROSALYN MILAVITZ, MENOMONIE, WI |           |
|      | 10.00   | MULTIPLE DONORS IN MEMORY OF<br>LORRAINE KEMIS                       |           |
|      | 10.00   | MULTIPLE DONORS IN MEMORY OF<br>STANLEY HALLEVIK                     |           |
|      | 8.00  | MULTIPLE DONORS IN MEMORY OF<br>DOROTHY CLURE                        |           |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

|      |  |  |          |
|------|--|--|----------|
| 144. | SUPPORT CANCER RESEARCH IN THE CLINICAL CANCER CENTER<br>MSN HS-MED HUMAN ONCOLOGY   | (133-9268)   |          |
|      | 100.00   | MULTIPLE DONORS  |          |
|      | 10.00  | MULTIPLE DONORS IN MEMORY OF MRS. WILLIAM CONNELL, MENOMONIE, WI. AND MRS. THOMAS F. MCMANAMY, EAU CLAIRE, WI. |          |
|      | 5.00   | MULTIPLE DONORS IN MEMORY OF MRS. CAROL VOIGT, WATERTOWN, WI   |          |
|      |  |  | 148.00   |
| 145. | WISCONSIN ELECTRIC POWER COMPANY<br>MILWAUKEE, WI<br>SUPPORT IN THE FIELD OF NUCLEAR MEDICINE<br>MSN HS-MED RADIOLOGY              | (133-9482)   | 1,000.00 |
| 146. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>RHEOLOGY RESEARCH CENTER OPERATING GRANT<br>MSN ENGR ENGR EXPER STA MECHANICS | (133-9653)   | 4,552.59 |
| 147. | SHELL DEVELOPMENT COMPANY<br>MODESTO, CA<br>VEGETABLE CROPS ENTOMOLOGY<br>MSN AG&LSC ENTOMOLOGY                                    | (133-9832)   | 2,000.00 |
| 148. | MULTIPLE DONORS<br>HEART RESEARCH DR SERVICE<br>MSN HS-HSP ADMINISTRATION ADMIN  | (133-9921)   | 15.00    |
| 149. | MULTIPLE DONORS<br>WISCONSIN AGRONOMY CORN GENETICS RESEARCH FUND<br>MSN AG&LSC AGRONOMY   | (133-9931)   | 800.00   |

## STUDENT AID

|    |   |           |          |
|----|---|-----------|----------|
| 1. | DR. LESLIE KLEVAY,<br>GRAND FORKS, NORTH DAKOTA<br>DR. H.J. SALLACH SCHOLARSHIP FUND<br>MSN                           | ( TRUST ) | 100.00   |
| 2. | MULTIPLE DONORS<br>PAUL H. PHILLIPS MEMORIAL SCHOLARSHIP<br>MSN   | ( TRUST ) | 50.00    |
| 3. | MR. & MRS. WALTER BEERS,<br>LARGO, FLORIDA<br>JEFFREY SCOTT NEWMAN MEMORIAL FUND<br>MSN                               | ( TRUST ) | 25.00    |
| 4. | ESTATE OF HANNAH M. BUNGE,<br>MINNEAPOLIS, MINNESOTA<br>HANNAH L. BUNGE SCHOLARSHIP FUND-<br>SCHOOL OF NURSING<br>MSN | ( TRUST ) | 1,000.00 |



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

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|-----|--|------------|-----------|
| 5.  | DHEW, OFFICE OF EDUCATION<br>WASHINGTON, DC<br>COLLEGE WORK-STUDY PROGRAM (FEDERAL SHARE)<br>FOR THE PERIOD 07-01-77 THROUGH 06-30-78<br>AWARD # P007814553<br>MSN G SERV FELLOWS & SCHOLS           | (145-0178) | 54,204.00 |
| 6.  | DHEW, OFFICE OF EDUCATION<br>WASHINGTON, DC<br>COLLEGE WORK-STUDY PROGRAM (ADMINISTRATIVE<br>EXPENSE)<br>FOR THE PERIOD 07-01-77 THROUGH 06-30-78<br>AWARD # P007814553<br>MSN AC SVC STU FINAN AIDS | (144-K129) | 2,853.00  |
| 7.  | MILLER PUBLISHING COMPANY<br>MINNEAPOLIS, MN<br>SCHOLARSHIP FOR A JUNIOR OR SENIOR MAJORING IN<br>AGRICULTURAL JOURNALISM AT THE UNIVERSITY OF<br>WISCONSIN-MADISON<br>MSN AG&LSC ADM-RESID INSTR    | (133-A224) | 500.00    |
| 8.  | DAUGHTERS OF DEMETER, INC.<br>MADISON, WI<br>DAUGHTERS OF DEMETER, INC., SCHOLARSHIP<br>MSN AG&LSC ADM-RESID INSTR   | (133-A790) | 150.00    |
| 9.  | UNIVERSITY LEAGUE<br>MADISON, WI<br>SCHOOL OF MUSIC SCHOLARSHIP<br>MSN G SERV FELLOWS & SCHOLS   | (133-8501) | 1,000.00  |
| 10. | WISCONSIN CHAPTER SOCIETY OF CHARTERED PROPERTY<br>& CASUALTY UNDERWRITERS<br>MILWAUKEE, WI<br>SCHOLARSHIP FUND-RISK MANAGEMENT & INSURANCE<br>MSN BUS BUSINESS, SCH OF                              | (133-B603) | 500.00    |
| 11. | PHILLIPS PETROLEUM COMPANY<br>BARTLESVILLE, OK<br>PHILLIPS FELLOWSHIP IN THE DEPARTMENT OF<br>CHEMICAL ENGINEERING<br>AWARD # NIE-196-77<br>MSN ENGR CHEMICAL ENGR                                   | (133-B655) | 6,000.00  |
| 12. | RAMA WATUMULL FUND<br>HONOLULU, HI<br>SCHOLARSHIP GRANT<br>MSN HS-MED HUMAN ONCOLOGY   | (133-C164) | 300.00    |
| 13. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>ROBERT NEVILLE POOLEY MEMORIAL FUND<br>MSN L&S PHYSICS  | (133-C256) | 400.00    |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

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|-----|---|----------|
| 14. | FARM CREDIT BANKS OF ST. PAUL, MINNESOTA<br>ST. PAUL, MN<br>THE FARM CREDIT BANKS OF ST. PAUL SCHOLARSHIP<br>MSN AG&LSC ADM-RESID INSTR (133-C258)  | 500.00   |
| 15. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>HELEN PATTERSON HYDE SCHOLARSHIP<br>MSN L&S JOURN&MASS COMM (133-C279)   | 200.00   |
| 16. | MERCK COMPANY FOUNDATION<br>RAHWAY, NJ<br>PREDOCTORAL FELLOWSHIP IN BIOLOGICAL SCIENCES<br>MSN L&S ZOOLOGY (133-C303)   | 8,000.00 |
| 17. | UNIVERSITY LEAGUE OF THE UNIVERSITY OF WISCONSIN<br>MADISON, WI<br>UNIVERSITY LEAGUE SCHOLARSHIP<br>MSN G SERV FELLOWS & SCHOLS (133-0305)  | 1,500.00 |
| 18. | MCKESSON & ROBBINS DRUG COMPANY<br>SAN FRANCISCO, CA<br>SCHOOL OF PHARMACY UNDERGRADUATE SCHOLARSHIP FUND<br>MSN HS-PHR PHARMACY (133-1078)   | 300.00   |
| 19. | ASARCO FOUNDATION<br>NEW YORK, NY<br>SCHOLARSHIP IN DEPARTMENT OF METALLURGICAL AND<br>MINERAL ENGINEERING<br>MSN G SERV FELLOWS & SCHOLS (133-2985)  | 1,200.00 |
| 20. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>ALTA T. AND DANIEL B. STRALEY SCHOLARSHIP FOR<br>ASSISTING STUDENTS INTERESTED IN BECOMING<br>TEACHERS<br>MSN G SERV FELLOWS & SCHOLS (133-3563) | 1,300.00 |
| 21. | 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)  | 5,400.00 |
| 22. | STAUFFER CHEMICAL COMPANY<br>DOBBS FERRY, NY<br>SUPPORT DESERVING GRADUATE STUDENT IN THE<br>DEPARTMENT OF FOOD SCIENCE<br>MSN AG&LSC FOOD SCIENCE (133-5590)   | 4,000.00 |
| 23. | LAKE GENEVA GARDEN CLUB FOUNDATION, INC<br>LAKE GENEVA, WI<br>HELEN MCDONALD SCHOLARSHIP<br>MSN AG&LSC ADM-RESID INSTR (133-5665)   | 500.00   |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

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|-----|--|------------|-----------|
| 24. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>EVANS P. HELFAER UNDERGRADUATE SCHOLARSHIP IN<br>CHEMISTRY<br>MSN G SERV FELLOWS & SCHOLS             | (133-5989) | 2,000.00  |
| 25. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>SUPPORT ARTS ADMINISTRATION PROGRAM OF THE<br>GRADUATE SCHOOL OF BUSINESS<br>MSN BUS BUSINESS, SCH OF | (133-6975) | 10,000.00 |
| 26. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>DENNIS AND MARTHA WHARTON FELLOWSHIP IN<br>BIOCHEMISTRY<br>MSN AG&LSC BIOCHEMISTRY                    | (133-7127) | 2,000.00  |
| 27. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>A. GERTRUDE ANTHONY SCHOLARSHIP IN THE SCHOOL OF<br>EDUCATION<br>MSN G SERV FELLOWS & SCHOLS          | (133-8700) | 3,400.00  |
| 28. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>ANNE L. MARCH SCHOLARSHIP IN THE SCHOOL OF<br>EDUCATION<br>MSN G SERV FELLOWS & SCHOLS                | (133-8701) | 1,000.00  |

## UNRESTRICTED

- |    |  |           |          |
|----|--|-----------|----------|
| 1. | DEWEY G. STEELE,<br>LEXINGTON, KENTUCKY<br>MADISON CAMPUS CHANCELLOR'S SPECIAL FUND<br>MSN   | ( TRUST ) | 1,000.00 |
| 2. | UNIVERSITY OF WISCONSIN FOUNDATION, MADISON,<br>REPRESENTING A GIFT FROM SHELL COMPANIES<br>FOUNDATION MATCHING A CONTRIBUTION FROM<br>JAY R. DODGE<br>MADISON CAMPUS CHANCELLOR'S SPECIAL FUND<br>MSN | ( TRUST ) | 200.00   |

## TOTAL MADISON

17,710,482.97

|                |              |
|----------------|--------------|
| INSTRUCTION    | 7,252,996.11 |
| LIBRARIES      | 5,372.00     |
| MISCELLANEOUS  | 377,052.07   |
| PHYSICAL PLANT | 278,560.00   |
| RESEARCH       | 9,686,920.79 |
| STUDENT AID    | 108,382.00   |
| UNRESTRICTED   | 1,200.00     |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## EXTENSION AND PUBLIC SERVICE

1. MULTIPLE DONORS  
SUPPORT OF THE INSTITUTE OF WORLD AFFAIRS (133-9244) 1,746.60  
MIL URBN O INSTIT WORLD AFF

## GIFT-IN-KIND

- + 45
1. RICHARD JONES  
MILWAUKEE, WI  
GIFT OF ABSTRACTS OF PAPERS READ AT AMERICAN  
MUSICOLOGICAL SOCIETY MEETINGS (1969, 1971,  
1972) DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
2. PAUL A VANDERHEIDEN  
MILWAUKEE, WI  
GIFT OF ONE COPY OF 'FUNDAMENTALS OF FINANCIAL  
MANAGEMENT' DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
3. JOHNSON CONTROLS, INC.  
TECHNICAL LIBRARY  
MILWAUKEE, WI  
GIFT OF FOUR BIBLIOGRAPHIC ITEMS DONATED TO THE  
UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
4. MRS. BARNEY LAKAM  
MILWAUKEE, WI  
GIFT OF THIRTY-EIGHT (38) BIBLIOGRAPHIC ITEMS  
DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
5. WILLARD BRANDT  
THIENSVILLE, WI  
GIFT OF ONE BIBLIOGRAPHIC ITEM DONATED TO THE  
UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
6. EDMOND LOK  
MILWAUKEE, WI  
GIFT OF EIGHT BIBLIOGRAPHIC ITEMS DONATED TO  
THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
7. DR. ANN TROTTER  
MILWAUKEE, WI  
GIFT OF TWO BIBLIOGRAPHIC ITEMS DONATED TO THE  
UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
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GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## GIFT-IN-KIND

8. ROBERT ROEMING  
NASHOTAH, WI  
GIFT OF TWENTY ISSUES 'DRUCK UND PAPIER:  
ZEUTRALORGAN DER INDUSTRIEGEWERKSCHAFT DRUCK  
UND PAPIER' DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
9. DAVID MILLER  
MILWAUKEE, WI  
GIFT OF VARIOUS BIBLIOGRAPHIC ITEMS DONATED TO  
THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
10. JEFFREY MARTZ  
MILWAUKEE, WI  
GIFT OF THREE VOLUMES DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
11. MICHAEL K. CONNOR  
CUDAHY, WI  
GIFT OF ELEVEN VOLUMES DONATED TO THE UWM  
LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
12. JOHN ADAMS THIERRY  
MILWAUKEE, WI  
GIFT OF VARIOUS BIBLIOGRAPHIC ITEMS DONATED  
TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
13. AILEEN BUCKLEY LAZAR  
C/O MRS. JAMES GAYNOR  
PEWAUKEE, WI  
GIFT OF FORTY-THREE (43) BIBLIOGRAPHIC ITEMS  
RELATING TO MUSIC; VARIOUS PROGRAMS, ETC. FOR  
MUSICAL PRODUCTIONS DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
14. MRS. WILLIAM PARKHURST  
NEW YORK, NY  
GIFT OF ONE COPY OF THE '1977 SOCIAL REGISTER'  
DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
15. HAROLD BOETICHER  
BROOKFIELD, WI  
GIFT OF SIX HUNDRED EIGHTEEN (618) BIBLIOGRAPHIC  
ITEMS DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## GIFT-IN-KIND

16. RICHARD NORRIS  
MILWAUKEE, WI  
GIFT OF TWO HUNDRED SEVENTY-TWO (272)  
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
17. MRS. I. A. BARNETT  
MILWAUKEE, WI  
GIFT OF ONE COPY OF "COLLECTED MATHEMATICAL  
PAPERS" DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
- +18. ARNOLD JONES  
SOLON SPRINGS, WI  
GIFT OF BOOKS ON SIGHT-SINGING (ROTE TO NOTE  
SERIES, SIGHT-SINGING WITH TONE-WORDS FOR  
CHORISTERS, AND WOODEN STAND TO HOLD CHARTS)  
DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
19. HOWARD C. GENSCH  
WAUKESHA, WI  
GIFT OF NINE VOLUMES DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
20. STEPHANIE CHIACOS  
LOS ANGELES, CA  
GIFT OF COLLECTION OF MATERIALS RELATING TO  
JUNE WAYNE DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
21. SANDRA GALLER  
MILWAUKEE, WI  
GIFT OF TWO HUNDRED FORTY-FOUR (244)  
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
22. WILLIAM T. HARRISON  
MILWAUKEE, WI  
GIFT OF FOUR HUNDRED FORTY-SEVEN (447)  
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
- +23. EMERITUS ARNOLD JONES  
SOLON SPRINGS, WI  
GIFT OF ONE COPY OF BOOK I FOR SIGHT-SINGING  
WITH TONE-WORDS ON THE UNIVERSITY LEVEL DONATED  
TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## GIFT-IN-KIND

24. DR. ROBERT MONTGOMERY  
MILWAUKEE, WI  
GIFT OF TWO HUNDRED FORTY-NINE (249)  
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
25. LURA L. KIRKENDALL  
ROCHESTER, IN  
GIFT OF ONE HUNDRED THIRTY (130)  
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
26. MRS. MARTINE DARMON MEYER  
MILWAUKEE, WI  
GIFT OF ONE HUNDRED FIFTY-EIGHT (158)  
BIBLIOGRAPHIC ITEMS DONATED TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
27. JOSEPH FRIEBERT  
MILWAUKEE, WI  
GIFT OF ESCALATOR NO. 1° 1964, OIL ON CANVAS,  
65 X 38 INCHES, ARTIST: JOSEPH FRIEBERT DONATED  
TO THE UWM SCHOOL OF FINE ARTS GALLERIES.  
AWARD # NONE  
MIL F ARTS ART GALLERY
28. RICHARD JONES  
MILWAUKEE, WI  
GIFT OF THREE BIBLIOGRAPHIC ITEMS DONATED  
TO THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY
29. DAVID KORNACKI  
MILWAUKEE, WI  
GIFT OF EIGHT PAPERBOUND VOLUMES DONATED TO  
THE UWM LIBRARY.  
AWARD # NONE  
MIL LIBR LIBRARY

## INSTRUCTION

1. DHEW, OFFICE OF EDUCATION  
WASHINGTON, D.C.  
IN SUPPORT OF THE FOLLOWING:
- 1) PUBLIC SERVICE EDUCATION INSTITUTIONAL GRANT  
FOR THE PERIOD 09-01-78 THROUGH 08-31-79  
AWARD # G007800411  
MIL L&S URBAN AFFAIRS (144-L654) 10,384.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## INSTRUCTION

- 2) PROGRAM ASSISTANCE: PROGRAMS FOR ADVANCED PERSONNEL PREPARATION IN EXCEPTIONAL EDUCATION FOR THE PERIOD 06-01-78 THROUGH 05-31-79  
AWARD # G00780106B  
MIL EDUC EXCEPTIONAL EDUC (144-L658) 40,000.00
2. DHEW, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM BETHESDA, MARYLAND  
COMMUNITY MENTAL HEALTH TRAINING FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # 5 T01 MH13588-05  
MIL S WELF SOCIAL WELFARE (144-L703) 36,355.00
3. COMMITTEE ON INSTITUTIONAL COOPERATION-MIDWEST PROGRAM FOR MINORITIES IN ENGINEERING  
EVANSTON, IL  
GATEWAY TO ENGINEERING, SCIENCE AND TECHNOLOGY SUPPLEMENT FOR FULTON JR. HIGH SCHOOL, PROJECT FROM SLOAN FOUNDATION.  
MIL ENGEAS ADMINISTRATION ADMIN (133-B774) 750.00

## MISCELLANEOUS

1. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE OFFICE OF EDUCATION  
WASHINGTON, D.C.  
VETERANS COST OF INSTRUCTION PROGRAM FOR THE PERIOD 07-01-77 THROUGH 06-30-78  
AWARD # P007755095  
MIL SS&S P STUDENT SERVICES PROG DEVEL (144-K304) 2,622.00
2. NATIONAL ENDOWMENT FOR THE HUMANITIES WASHINGTON, D.C.  
CULTURAL AND TECHNOLOGICAL STUDIES DIRECTORS FORUM  
FOR THE PERIOD 07-01-73 THROUGH 06-30-78  
AWARD # ED-7125-73-361  
MIL L&S CULT & TECH ST (144-E114) 15,000.00
3. 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) 250.00
4. DEPARTMENT OF HEALTH & SOCIAL SERVICES DIVISION OF VOCATIONAL REHABILITATION  
MILWAUKEE, WI  
DIVISION OF VOCATIONAL REHABILITATION TRAINING AGREEMENT  
MIL LIBR LIBRARY (133-B788) 840.00
5. MILWAUKEE ART CENTER, INC./LAKEFRONT FESTIVAL OF THE ARTS  
MILWAUKEE, WI  
FABRIC ENCLOSURE  
MIL ARC&P ARCHITECTURE (133-B790) 1,000.00



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## MISCELLANEOUS

6. UWM ALUMNI ASSOCIATION  
MILWAUKEE, WI  
ALUMNI ASSOCIATION ACCOUNT  
MIL U REL ASST CHAN OFFICE (133-8794) 8,996.00
7. LIPPINCOTT (J B) COMPANY  
CONTINUED DEVELOPMENT OF THE PROGRAM OF THE UWM SC  
HOO L OF NURSING  
MIL NURS NURSING (133-7653) 4,865.72

## RESEARCH

1. U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C.  
SEISMICITY STUDY OF NORTHWESTERN ILLINOIS AND  
SOUTHEASTERN WISCONSIN  
FOR THE PER IOD 03-01-78 THROUGH 02-28-79  
AWARD # NRC-04-78-232  
MIL L&S GEOLOGICAL SCI (144-L611) 24,000.00
2. MILWAUKEE COUNTY  
MILWAUKEE, WI  
PRIME CONTRACTER WITH DHEW OHD  
FEASIBILITY STUDY OF A PROGRAM EVALUATION ON  
MILWAUKEE COUNTY PREVENTIVE HEALTH SCREENING AND  
PHYSICAL ASSESSMENT PROGRAM  
FOR THE PER IOD 04-15-78 THROUGH 05-31-78  
MIL S WELF SOCIAL WELFARE ADV ST-H S (144-L652) 500.00
3. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
METALS AND ANTITUMOR ACTIVITY OF  
THIOSEMICARBAZONES  
FOR THE PER IOD 05-01-78 THROUGH 04-30-79  
AWARD # 5R01 CA16156-05  
MIL L&S CHEMISTRY (144-L607) 54,337.00
4. COMMUNITY DESIGN CENTER  
MILWAUKEE, WI  
PRIME CONTRACTER WITH DOD  
ENVIRONMENTS FOR PLAY AND CHILD CARE: PREPARATION  
OF CRITERIA DOCUMENTS FOR CHILDREN'S PLAY AREAS  
AND CARE FACILITIES.  
FOR THE PER IOD 05-22-78 THROUGH 05-20-80  
MIL ARC&UP ARCHITECTURE (144-L656) 122,864.00
5. WISCONSIN DEPARTMENT OF ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTER WITH HUD  
STUDY OF RESERVE CAPACITY TO SERVE NEW AREAS IN  
THE MILWAUKEE METROPOLITAN SEWAGE DISTRICT.  
FOR THE PER IOD 05-01-78 THROUGH 06-30-78  
AWARD # PO ADH-02389  
MIL ARC&UP URBAN PLANNING (144-L650) 4,041.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

6. NATIONAL ENDOWMENT FOR THE ARTS  
WASHINGTON, D.C.  
LIVEABLE CITIES  
FOR THE PERIOD 04-01-78 THROUGH 03-31-79  
AWARD # R80-42-108  
MIL ARC&UP ARCHITECTURE (144-L614) 25,000.00
7. SCIENCE AND TECHNOLOGY UTILIZATION COUNCIL  
CITY OF MILWAUKEE  
MILWAUKEE, WI  
PRIME CONTRACTOR WITH NSF  
UTILIZATION OF WASTEWATER SOLIDS COMPOST IN  
SOUTHEASTERN WISCONSIN AREA  
FOR THE PERIOD 06-01-78 THROUGH 12-31-78  
MIL ENG&S MECHANICS (144-L571) 25,000.00
8. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, D.C.  
IN SUPPORT OF THE FOLLOWING:
- 1) ON SEVERE STORM PHENOMONOLOGY AND ENERGETICS FROM  
SATELLITE IMAGERY  
FOR THE PERIOD 04-15-78 THROUGH 09-30-79  
AWARD # ATM 77-24842  
MIL L&S GEOLOGICAL SCI ATM SC-GEN (144-L566) 60,000.00
- 2) PARTY TRANSFORMATION IN THE UNITED STATES AND THE  
INSTITUTIONAL PARTY  
FOR THE PERIOD 06-01-78 THROUGH 11-30-79  
AWARD # SOC 77-27020  
MIL L&S POLITICAL SCI (144-L605) 121,219.00
- 3) STUDIES ON B-HYDROXYBUTYRATE DEHYDROGENASE  
FOR THE PERIOD 07-01-78 THROUGH 12-31-79  
AWARD # PCM 77-23591  
MIL L&S CHEMISTRY (144-L627) 30,000.00
9. INSTRUMENTATION LABORATORY  
LEXINGTON, MA.  
AMPEROMETRIC DETERMINATION OF SERUM COMPONENTS  
AT TRANSITION METAL OXIDE ELECTRODES  
MIL L&S CHEMISTRY (133-A477) 3,760.00
10. PENTECH/HOU DAILLE  
CEDAR FALLS, IOWA  
DEVELOPMENT OF FLOTATION-FILTRATION UNIT  
MIL ENG&S MECHANICS (133-B763) 2,100.00
11. WISCONSIN DEPARTMENT OF NATURAL RESOURCES  
MADISON, WISCONSIN  
SITE EVALUATION STUDIES AND ARCHAEOLOGICAL  
MONITORING AT THE MAUTHE LAKE CAMPGROUND, KETTLE  
MORaine STATE FOREST NORTHERN UNIT.  
AWARD # NRH 94665  
MIL L&S ANTHROPOLOGY (133-B789) 6,375.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

- |     |  |            |          |
|-----|--|------------|----------|
| 12. | NATIONAL BIOCENTRIC, INC.<br>ST. PAUL, MINN<br>AN ARCHAEOLOGICAL SURVEY OF A PROPOSED PIPELINE<br>CROSSING OF THE MISSISSIPPI RIVER, ROCK ISLAND<br>COUNTY ILLINOIS.<br>MIL L&S ANTHROPOLOGY | (133-8791) | 2,784.00 |
| 13. | COMMONWEALTH EDISON<br>CHICAGO, ILL<br>AN ARCHAEOLOGICAL SURVEY OF THE BYRON EAST ON<br>SOUTH TRANSMISSION CORRIDORS, BYRON, ILLINOIS.<br>AWARD # 210511<br>MIL L&S ANTHROPOLOGY             | (133-8792) | 4,980.00 |
| 14. | COMMONWEALTH EDISON<br>CHICAGO, ILL<br>AN ARCHAEOLOGICAL SURVEY OF THE CARROLL COUNTY<br>STATION, CARROLL COUNTY, ILLINOIS.<br>AWARD # 217620<br>MIL L&S ANTHROPOLOGY                        | (133-8793) | 7,607.00 |
| 15. | CITY OF MEQUON<br>MEQUON, WI<br>INDUCED RECHARGE FEASIBILITY STUDY<br>MIL L&S GEOLOGICAL SCI   | (133-8795) | 3,488.00 |
| 16. | PERFEX GROUP, MCQUAY - PERFEX INC.<br>MILWAUKEE, WI<br>VIBRATION TEST WORK<br>AWARD # 2033<br>MIL ENG&S MECHANICS  | (133-9424) | 100.00   |

## STUDENT AID

- |    |  |            |          |
|----|--|------------|----------|
| 1. | TRANSPORTATION, DEPT. OF<br>WASHINGTON, D.C.<br>FEDERAL HIGHWAY ADMINISTRATION FELLOWSHIP<br>FOR THE PERIOD 08-15-77 THROUGH 05-31-79<br>AWARD # 7-1-1503<br>MIL GRAD DEANS OFFICE ADMIN | (144-K685) | 1,040.00 |
| 2. | UWM FOUNDATION<br>MILWAUKEE, WI<br>SCHOLARSHIPS FOR BEGINNING AND CONTINUING STUDENTS<br>IN GEOLOGY<br>MIL L&S GEOLOGICAL SCI GEOL SCI   | (133-8742) | 900.00   |
| 3. | SCHOLARSHIPS - MUSIC DEPARTMENT<br>MIL F ARTS ADMINISTRATION ADMIN   | (133-5060) |          |
|    | 75.00 MILWAUKEE PUBLIC SCHOOLS<br>C/O BAY VIEW HIGH SCHOOL   |            |          |
|    | 10.00 MILWAUKEE, WI<br>MR. & MRS. IRVING D. SALTZSTEIN<br>MILWAUKEE, WI  |            |          |
|    |  |            | 85.00    |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

UNIVERSITY OF WISCONSIN - MILWAUKEE

## STUDENT AID

4. ~~VARIOUS DONORS~~  
HUMAN RESOURCES DEVELOPMENT FUND  
MIL SS&S P STUDENT SERVICES FEL&SCHOLS (133-7114) 331.60

TOTAL MILWAUKEE 623,320.92

|                              |            |
|------------------------------|------------|
| EXTENSION AND PUBLIC SERVICE | 1,746.60   |
| INSTRUCTION                  | 87,489.00  |
| MISCELLANEOUS                | 33,573.72  |
| RESEARCH                     | 498,155.00 |
| STUDENT AID                  | 2,356.60   |



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - EAU CLAIRE

## EXTENSION AND PUBLIC SERVICE

1. EAU CLAIRE COUNTY DEPARTMENT OF SOCIAL SERVICES  
EAU CLAIRE, WI  
PRIME CONTRACTOR WITH DHEW SRS  
EQUIPMENT GRANT FOR UNIVERSITY OF WISCONSIN-EAU  
CLAIRE CHILDREN'S CENTER (DAY CARE CENTER)  
FOR THE PERIOD 11-21-77 THROUGH 12-31-77  
EAU AUX OP OTHER ORG ACTIV (144-0835) 1,000.00
2. ECUMENICAL RELIGIOUS CENTER  
EAU CLAIRE, WI  
ALCOHOL AWARENESS PROGRAM  
EAU & SERV COUNSELING SVCS (133-0814) 899.89
3. WISCONSIN STATE COUNCIL FOR ECONOMIC EDUCATION  
MILWAUKEE, WI  
BALANCE OF FY 78 DISCRETIONARY GRANT FOR  
OPERATION OF CENTER FOR ECONOMIC EDUCATION  
EAU ART&SC ECONOMICS (133-0859) 1,617.55
4. UNIROYAL  
EAU CLAIRE, WI  
DISCRETIONARY GRANT FOR CENTER FOR ECONOMIC  
EDUCATION AT UNIVERSITY OF WISCONSIN-EAU CLAIRE  
EAU ART&SC ECONOMICS (133-0862) 150.00

## INSTRUCTION

1. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DHEW OF  
RESOURCE GUIDE FOR FUTURE BUSINESS LEADERS OF  
AMERICAN ADVISORS AND OFFICERS  
FOR THE PERIOD 04-21-78 THROUGH 06-30-78  
EAU BUS OFF ADM & BUS ED (144-0745) 7,009.00
2. WISCONSIN STATE COUNCIL ON ECONOMIC EDUCATION  
MILWAUKEE, WI  
DEVELOPMENT GRANT IN SUPPORT OF THE CENTER FOR  
ECONOMIC EDUCATION AT UNIVERSITY OF WISCONSIN-  
EAU CLAIRE FOR THE PERIOD 09/01/77 THROUGH  
08/31/78  
EAU ART&SC ECONOMICS (133-0828) 1,900.00
3. WISCONSIN IMPROVEMENT PROGRAM  
MADISON, WI  
LAW-RELATED EDUCATION WORKSHOP FOR ELEMENTARY  
& SECONDARY TEACHERS OF SOCIAL STUDIES  
FOR THE PERIOD 06/12/78 THROUGH 06/30/78  
EAU EDUC FOUNDATNS OF ED (133-0841) 1,500.00
4. WISCONSIN IMPROVEMENT PROGRAM  
MADISON, WI  
I.G.E. CONFERENCE FOR SECONDARY HIGH SCHOOL  
TEACHERS AND ADMINISTRATORS. CONFERENCE HELD  
IN EAU CLAIRE ON APRIL 26, 1978.  
EAU EDUC SEC & CONT EDUC (133-0868) 1,250.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - EAU CLAIRE

## MISCELLANEOUS

1. E.S.B. FOUNDATION, RAY O VAC DIVISION  
MADISON, WI  
DISCRETIONARY GRANT TO ACCOUNTANCY DEPARTMENT  
AT UNIVERSITY OF WISCONSIN-EAU CLAIRE  
EAU BUS ACCOUNTANCY (133-0760) 500.00

## RESEARCH

1. WAYNE STATE UNIVERSITY  
DETROIT, MI  
PRIME CONTRACTER WITH DHEW PHS N<sup>H</sup>  
CONSORTIA GRANT WITH WAYNE STATE UNIVERSITY FOR  
SECOND YEAR OF THREE-YEAR RESEARCH PROJECT -  
"CYCLIC POLYTHIAETHERS IN METAL IONS"  
FOR THE PERIOD 03-01-78 THROUGH 02-28-79  
AWARD # 2-R 01-GM20424-04  
EAU ART&SC CHEMISTRY (144-0848) 37,250.00

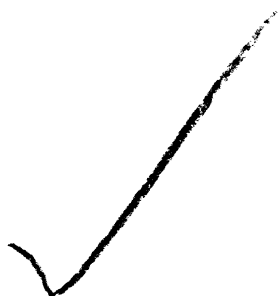
TOTAL EAU CLAIRE

37,250.00

53,076.44

=====

|                              |           |
|------------------------------|-----------|
| EXTENSION AND PUBLIC SERVICE | 3,667.44  |
| INSTRUCTION                  | 11,659.00 |
| MISCELLANEOUS                | 500.00    |
| RESEARCH                     | 37,250.00 |



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - GREEN BAY

## INSTRUCTION

1. DHEW, OFFICE OF EDUCATION  
WASHINGTON, DC  
VETERAN'S COST OF INSTRUCTION FY 77-78  
FOR THE PERIOD 07-01-77 THROUGH 09-30-78  
AT A TOTAL COST OF \$7,274.00  
AWARD # P007755101, MOD. 1  
GBY REGSTR REGISTRAR (144-K585) 1,022.00

## MISCELLANEOUS

1. MULTIPLE DONORS  
WGBW RADIO STATION SUPPORT  
GBY CR COM COMMUNIC ACTION (133-C111) 25.00

## RESEARCH

1. WI DEPT OF ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTER WITH DOE  
BROWN COUNTY ENERGY CONSERVATION CENTER  
FOR THE PERIOD 01-03-78 THROUGH 07-01-79  
AWARD # 78069  
GBY ENV SC SCI& ENVIRON CHG (144-L456) 80,000.00
2. BROWN COUNTY SOLID WASTE MANAGEMENT BOARD  
GREEN BAY, WI  
OPERATIONAL WATER QUALITY MONITORING AT BROWN  
COUNTY'S SANITARY LANDFILLS FOR THE PERIOD  
08-01-77 THRU 12-31-78  
GBY ENV SC SCI& ENVIRON CHG (133-8833) 1,215.00
3. STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES  
MADISON, WI  
BIRD COLONIES OF THE GREEN BAY REGION OF LAKE  
MICHIGAN FOR THE PERIOD 07-02-78 THRU 08-12-78  
GBY ENV SC SCI& ENVIRON CHG (133-C239) 1,680.00
4. ELM RESEARCH INSTITUTE  
HARRISVILLE, NH  
CHEMOTHERAPY OF THE DUTCH ELM DISEASE  
GBY ENV SC SCI& ENVIRON CHG (133-C276) 1,241.75

## STUDENT AID

1. 2ND GEAR (UNIVERSITY LEAGUE),  
GREEN BAY, WI  
THELMA DU CHAINE SHORT-TERM LOAN FUND  
GBY ( LOANS ) 200.00
2. MULTIPLE DONORS  
SOURCE OF FINANCIAL AID PAYMENTS TO STUDENT  
ATHLETES AT THE UNIVERSITY OF WISCONSIN-GREEN BAY  
WITHIN THE GUIDELINES PRESCRIBED BY THE NATIONAL  
COLLEGIATE ATHLETIC ASSOCIATION  
GBY STU SV FINANCIAL AIDS (133-7213) 345.00

TOTAL GREEN BAY

85,728.75  
=====

|               |           |
|---------------|-----------|
| INSTRUCTION   | 1,022.00  |
| MISCELLANEOUS | 25.00     |
| RESEARCH      | 84,136.75 |
| STUDENT AID   | 545.00    |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

UNIVERSITY OF WISCONSIN - OSHKOSH

EXTENSION AND PUBLIC SERVICE

|    |  |            |          |
|----|--|------------|----------|
| 1. | LAKE WINNEBAGO AREA AGENCY ON AGING      |            |          |
|    | OSHKOSH, WI                              |            |          |
|    | "NOW AND THEN" RADIO PROGRAM             |            |          |
|    | FOR THE PERIOD 05/01/78 THROUGH 03/01/79 |            |          |
|    | OSH L&S SOCIAL WORK                      | (133-3335) | 7,494.00 |
|    | TOTAL OSHKOSH                            |            | 7,494.00 |
|    |  |            | =====    |
|    | EXTENSION AND PUBLIC SERVICE             | 7,494.00   |          |





GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

UNIVERSITY OF WISCONSIN - PARKSIDE

INSTRUCTION

1. JOB SERVICE WISCONSIN  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
COOPERATIVE EDUCATION AND INTERNSHIP PROGRAM  
FOR THE PERIOD 05-22-78 THROUGH 12-31-78  
AWARD # AGREEMENT DTD 05/15/78  
PKS SC&SOC BEHAVIORAL SCI ADMIN (144-L624) 4,768.80
2. NATIONAL ALLIANCE OF BUSINESSMEN, INC.  
WASHINGTON, DC  
PRIME CONTRACTOR WITH LABOR  
CAREER GUIDANCE INSTITUTE PROGRAM  
FOR THE PERIOD 04-03-78 THROUGH 06-02-78  
AWARD # 78-24  
PKS ED SVC STUDENT DVLPMNT (144-L408) 10,536.00

RESEARCH

1. DHEW, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
MOLECULAR CONTROL OF CELL DIVISION AND  
DIFFERENTIATION (REDUCED TO REFLECT AMOUNT  
ACTUALLY AWARDED FOR INDIRECT COSTS)  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AT A TOTAL COST OF \$21,121.00  
AWARD # 5 ROI GM22543-02, MOD. 1  
PKS SC&SOC SCIENCE LIFE SCI (144-L514) 176.00-

STUDENT AID

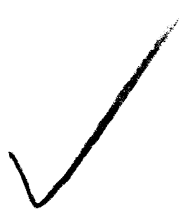
1. DHEW, OFFICE OF EDUCATION  
WASHINGTON, DC  
VETERAN'S COST OF INSTRUCTION PROGRAM  
FOR THE PERIOD 07-01-77 THROUGH 09-30-78  
AT A TOTAL COST OF \$11,200.00  
AWARD # P007755089  
PKS ED SVC COMMUN STU SVCS (144-K089) 175.00-
2. MULTIPLE DONORS  
SCHOLARSHIPS TO BE AWARDED TO SENIOR, PRE-MEDICAL  
STUDENTS AT PARKSIDE  
PKS G SERV FELLOWS & SCHOLS (133-A076) ~~3,900.00~~
3. MULTIPLE DONORS  
PARKSIDE SCHOLARSHIP FUND  
PKS G SERV FELLOWS & SCHOLS (133-9472) ~~51.75~~

TOTAL PARKSIDE

18,905.55  
=====

INSTRUCTION  
RESEARCH  
STUDENT AID

15,304.80  
176.00-  
3,776.75

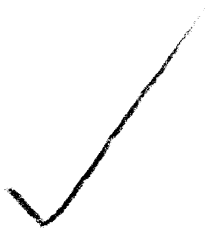


GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

UNIVERSITY OF WISCONSIN - PLATTEVILLE

PHYSICAL PLANT

|    |  |            |                   |
|----|--|------------|-------------------|
| 1. | BETHLEHEM STEEL COMPANY<br>PITTSBURG, PA<br>CENTER FOR THE ARTS FUND<br>FOR THE PERIOD 07/01/77 THROUGH 06/30/78<br>PLT G E A ASST CHAN-DEV&SV | (133-0058) | 2,500.00          |
|    | TOTAL PLATTEVILLE  |            | 2,500.00<br>===== |
|    | PHYSICAL PLANT   | 2,500.00   |                   |



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - STEVENS POINT

## RESEARCH

1. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
DISTRIBUTION AND HABITAT CHARACTERISTICS OF  
ENDANGERED MUSSELS  
FOR THE PERIOD 07/01/78 THROUGH 09/30/78  
STP COLS BIOLOGY (133-5323) 1,904.00
2. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
COMPUTERIZATION OF WSO (WISCONSIN SOCIETY FOR  
ORNITHOLOGY) BIRD RECORDS  
FOR THE PERIOD 05/01/78 THROUGH 09/30/78  
STP CONR NATURAL RESOURCES NAT RESRCS (133-8481) 6,000.00
3. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
THE STATUS OF THE BLACK-CROWNED NIGHT HERON  
(NYCTICORAX NYCTICORAX) IN WISCONSIN  
FOR THE PERIOD 05/01/78 THROUGH 12/31/78  
STP CONR NATURAL RESOURCES NAT RESRCS (133-8482) 6,310.00

## STUDENT AID

1. DHEW, OFFICE OF EDUCATION  
WASHINGTON, DC  
COLLEGE WORK-STUDY PROGRAM  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # CAN 82003167  
STP C-C SV FINANCIAL AIDS WORK-STUDY (145-2221) 511,765.00
2. DHEW, OFFICE OF EDUCATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) SUPPLEMENTAL EDUCATION OPPORTUNITY GRANTS  
PROGRAM - INITIAL  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # CAN 82003266  
STP C-C SV FINANCIAL AIDS ED OPP GTS (146-2210) 207,218.00
  - 2) SUPPLEMENTAL EDUCATION OPPORTUNITY GRANTS  
PROGRAM - CONTINUING  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # CAN 82003266  
STP C-C SV FINANCIAL AIDS ED OPP GTS (146-2211) 311,792.00
3. DHEW, OFFICE OF EDUCATION  
WASHINGTON, DC  
NATIONAL DIRECT STUDENT LOAN PROGRAM  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # CAN 82003065  
STP C-C SV FINANCIAL AIDS N DIR ST L ( LOANS ) 134,449.00
4. WISCONSIN RURAL REHABILITATION CORPORATION  
MADISON, WI  
FIVE SCHOLARSHIPS IN NATURAL RESOURCES  
FOR THE PERIOD 08/01/77 THROUGH 07/31/78  
STP C-C SV FINANCIAL AIDS FIN AID AD (133-0903) 3,350.00

X  
N

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - STEVENS POINT

## STUDENT AID

|    |  |              |                     |
|----|--|--------------|---------------------|
| 5. | WISCONSIN DEPARTMENT OF NATURAL RESOURCES<br>MADISON, WI<br>INTERNSHIP PROGRAM<br>FOR THE PERIOD 05/01/78 THROUGH 09/15/78<br>AWARD # 78-12<br>STP CONR DEAN OF NAT RES                                    | (133-0910)   | 32,400.00           |
| 6. | WI DEPT OF INDUSTRY, LABOR & HUMAN RELATIONS,<br>JOB SERVICE<br>MADISON, WI<br>COOPERATIVE EDUCATION & INTERNSHIP PROGRAM<br>AGREEMENT<br>FOR THE PERIOD 05/01/78 THROUGH 12/31/78<br>STP COLS DEAN OF L&S | (133-1605)   | 9,538.00            |
| 7. | WISCONSIN RURAL REHABILITATION CORPORATION<br>MADISON, WI<br>FIVE SCHOLARSHIPS IN HOME ECONOMICS<br>FOR THE PERIOD 08/01/77 THROUGH 07/31/78<br>STP C-C SV FINANCIAL AIDS FIN AID AD                       | (133-7226)   | 3,350.00            |
| 8. | MAX MCGRAW WILDLIFE FOUNDATION<br>DUNDEE, IL<br>COOPERATIVE INTERN TRAINING PROGRAM<br>FOR THE PERIOD 05/15/78 THROUGH 09/01/78<br>STP CONR NATURAL RESOURCS NAT RESRCS                                    | (133-8462)   | 4,320.00            |
| 9. | WI DEPT OF NATURAL RESOURCES<br>MADISON, WI<br>INTERNSHIP AT THE MACKENZIE ENVIRONMENTAL<br>CENTER<br>FOR THE PERIOD 05/15/78 THROUGH 07/15/78<br>AWARD # 78-11<br>STP CONR NATURAL RESOURCS NAT RESRCS    | (133-8463)   | 1,200.00            |
|    | TOTAL STEVENS POINT  |              | <u>1,233,596.00</u> |
|    | RESEARCH   | 14,214.00    |                     |
|    | STUDENT AID  | 1,219,382.00 |                     |

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - SUPERIOR

## INSTRUCTION

1. NATIONAL ENDOWMENT FOR THE ARTS  
WASHINGTON, DC  
NEA 1978 SUMMER THEATRE TOUR  
FOR THE PERIOD 06-01-78 THROUGH 08-07-78  
AWARD # R80-53-538  
SUP F&A COMMUNICATG ARTS COMM ARTS (144-0080) 3,000.00
2. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
PRE-COLLEGE TEACHER DEVELOPMENT IN SCIENCE  
PROJECT  
FOR THE PERIOD 04-19-78 THROUGH 09-30-79  
AWARD # SPI 78-04477  
SUP L&S GEOSCIENCES (144-0079) 19,564.00

## MISCELLANEOUS

1. NORTHWEST WISCONSIN COMPREHENSIVE EMPLOYMENT  
PROGRAM, INC.  
ASHLAND, WI  
PRIME CONTRACTER WITH LABOR  
TITLE I SPECIAL PROJECTS: ASSIST IN THEATRE  
PRODUCTIONS  
FOR THE PERIOD 07-01-78 THROUGH 09-30-78  
SUP F&A COMMUNICATG ARTS COMM ARTS (144-0074) 5,460.00
2. NORTHWEST WISCONSIN COMPREHENSIVE EMPLOYMENT  
PROGRAM, INC.  
ASHLAND, WI  
PRIME CONTRACTER WITH LABOR  
EDUCATIONAL FILM PRODUCTION CETA AWARD  
FOR THE PERIOD 07-01-78 THROUGH 09-30-78  
SUP F&A COMMUNICATG ARTS COMM ARTS (144-0081) 5,070.00

## STUDENT AID

1. DHEW, OFFICE OF EDUCATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS  
PROGRAM - INITIAL  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # P007834559  
SUP ST AST ED OPPOR GRANTS (146-0082) 41,934.00
  - 2) SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS  
PROGRAM - CONTINUING  
FOR THE PERIOD 07-01-78 THROUGH 06-30-79  
AWARD # P007844559  
SUP ST AST ED OPPOR GRANTS (146-0083) 120,333.00

TOTAL SUPERIOR

195,361.00  
=====INSTRUCTION  
MISCELLANEOUS  
STUDENT AID22,564.00  
10,530.00  
162,267.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - WHITEWATER

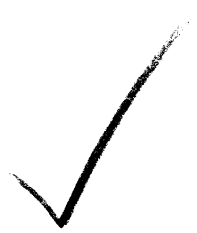
## INSTRUCTION

- |   |   |        |
|---|---|--------|
| + | 1. JOINT COUNCIL ON ECONOMIC EDUCATION<br>NEW YORK, NY<br>CONSUMER-ECONOMIC EDUCATION-GAMING AND<br>SIMULATION WORKSHOP<br>FOR THE PERIOD 07/10/78 THROUGH 07/21/78<br>AWARD # LETTER DTD 05/28/78<br>WTW BUS&EC ECONOMICS (133-0900) | 100.00 |
|   | 2. WISCONSIN STATE COUNCIL ON ECONOMIC EDUCATION<br>MILWAUKEE, WI<br>CONSUMER-ECONOMIC EDUCATION-GAMING AND SIMULATION<br>WORKSHOP<br>FOR THE PERIOD 07/10/78 THROUGH 07/25/78<br>WTW BUS&EC ECONOMICS (133-0901)                     | 500.00 |
| + | 3. JOINT COUNCIL ON ECONOMIC EDUCATION<br>PRIME CONTRACTOR WITH THE EXXON COMPANY<br>NEW YORK, NY<br>SEMINAR ON TEACHING ECONOMICS IN AMERICAN HISTORY<br>FOR THE PERIOD 04/04/78 THROUGH 05/23/78<br>WTW BUS&EC ECONOMICS (133-0902) | 250.00 |

## STUDENT AID

- |    |  |            |
|----|--|------------|
| 1. | DHEW, OFFICE OF EDUCATION<br>WASHINGTON, DC<br>COLLEGE WORK-STUDY SUPPLEMENTAL ALLOCATION<br>FOR THE PERIOD 07-01-77 THROUGH 06-30-78<br>AWARD # P007814561<br>WTW ST AST WORK-STUDY STU SVCS (145-0530) | 148,734.00 |
|----|--|------------|

TOTAL WHITEWATER

149,584.00  
=====INSTRUCTION  
STUDENT AID850.00  
148,734.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

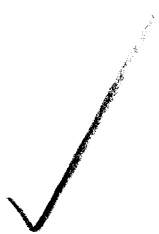
## INSTRUCTION

- |    |  |            |           |
|----|--|------------|-----------|
| 1. | WI DEPT OF ADMINISTRATION<br>MADISON, WI<br>PRIME CONTRACTOR WITH LABOR<br>COMPREHENSIVE EMPLOYMENT & TRAINING ACT PROGRAM<br>FOR THE PERIOD 01-01-77 THROUGH 09-30-78<br>AT A TOTAL COST OF \$30,158.00<br>AWARD # T2PE-78-928<br>CNS MARIN ADMINISTRATION        | (144-J935) | 2,430.00  |
| 2. | WASHINGTON, OZAUKEE, WAUKESHA CETA CONSORTIUM<br>WAUKESHA, WI<br>PRIME CONTRACTOR WITH LABOR<br>CETA PUBLIC SERVICE PROJECTS<br>FOR THE PERIOD 01-16-78 THROUGH 04-12-79<br>AT A TOTAL COST OF \$44,406.00<br>AWARD # 6-S-P-3019<br>CNS WASH STUDENT AFFAIRS ADMIN | (144-L317) | 17,834.00 |

## RESEARCH

- |    |   |            |        |
|----|---|------------|--------|
| 1. | INTER, FISH AND WILDLIFE SERVICE<br>TWIN CITIES, MN<br>SERVICE MECHANICAL TRAPS TO CAPTURE ADULT SEA<br>LAMPREY<br>FOR THE PERIOD 04-24-78 THROUGH 06-10-78<br>AT A TOTAL COST OF \$1,224.00<br>AWARD # 30181-0648, MOD. 1<br>CNS MARIN BIOLOGY | (144-L497) | 306.00 |
|----|---|------------|--------|

TOTAL CENTER SYSTEM

20,570.00  
=====INSTRUCTION  
RESEARCH20,264.00  
306.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1. AGRIC / ECONOMICS, STATISTICS, AND COOPERATIVES  
SERVICE  
WASHINGTON, DC  
ASSESSMENT OF THE IMPACT AND EFFECTIVENESS OF THE  
CALIFORNIA CANNERS AND GROWERS' CANNING PLANT AT  
LOMIRA ON THE WISCONSIN VEGETABLE PROCESSING  
INDUSTRY  
FOR THE PERIOD 06-01-78 THROUGH 09-30-79  
AWARD # 58-319U-8-0284X  
EXT E E D U CTR FOR COOPS (144-L610) 17,000.00
2. WI DEPT OF LOCAL AFFAIRS & DEVELOPMENT  
MADISON, WI  
PRIME CONTRACTER WITH CSC  
GOVERNMENT EDUCATION TRAINING  
FOR THE PERIOD 03-01-78 THROUGH 12-31-78  
AWARD # AGREEMENT DTD 06/02/78  
EXT E E D DEPT OF GOVT AFF (144-L585) 40,000.00
3. DHEW, OFFICE OF EDUCATION  
WASHINGTON, DC  
ART TRAINING PROJECT  
FOR THE PERIOD 07-01-77 THROUGH 06-30-78  
AT A TOTAL COST OF \$6,250.00  
AWARD # 77-003-007, MOD. 2  
EXT P H D HUMAN DEVELOPMNT ARTS (144-K146) 250.00
4. WI DEPT OF ADMINISTRATON  
MADISON, WI  
PRIME CONTRACTER WITH DOE  
INNOVATIIVE APPROACHES TO TRANSPORTATION ENERGY  
CONSERVATION AT MAJOR TRIP GENERATORS  
FOR THE PERIOD 04-01-78 THROUGH 03-31-79  
AWARD # 78070  
EXT URB OR PROGRAM PLANNING (144-L363) 42,081.00
5. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC  
FACILITY PLANNING WORKSHOP SERIES FP201  
FOR THE PERIOD 06-12-78 THROUGH 04-11-79  
AWARD # T900829010  
EXT P H D ENGINEERING ADMIN (144-L651) 52,129.00
6. WEST ALLIS-WAUWATOSA CONSORTIUM  
WAUWATOSA, WI  
PRIME CONTRACTER WITH LABOR  
4-H PROMOTIONAL CAMPAIGN UNDER TITLE II OF THE  
COMPREHENSIVE EMPLOYMENT AND TRAINING ACT OF 1973  
FOR THE PERIOD 05-01-78 THROUGH 09-30-78  
AWARD # AGREEMENT DTD 05/01/78  
EXT COM PR COMMUNITY PROGS MILW CO (144-L609) 4,124.00
7. WI HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTER WITH NRH  
ADMINISTRATIVE ACCOUNT  
FOR THE PERIOD 10-01-76 THROUGH 06-30-78  
AT A TOTAL COST OF \$124,850.00  
AWARD # SO-26070-76-913, MOD. 2  
EXT ADM SV EXTRAMURAL SUPPT WI HUM COM (144-J363) 8,415.00



GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

8. WI HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
PROGRAM DEVELOPMENT AND EVALUATION  
FOR THE PERIOD 10-01-76 THROUGH 06-30-78  
AT A TOTAL COST OF \$20,700.00  
AWARD # SO-26070-76-913, MOD. 2  
EXT ADM SV EXTRAMURAL SUPPT WI HUM COM (144-J365) 2,000.00
9. MULTIPLE DONORS  
INTERIM COMMITTEE ON RURAL MENTAL HEALTH  
EXT P H D HEALTH SCI AREA MENTL HLTH (133-A555) 680.00
10. AGRICULTURAL RECORDS COOPERATIVE  
MADISON, WI  
ADMINISTRATION OF THE OFFICAL DAIRY HERD  
IMPROVEMENT REGISTRY TESTING PROGRAM 1977-78  
EXT E E D DAIRY SCIENCE (133-8071) 1,378.00
- X<sup>63</sup> 11. EDUCATIONAL COMMUNICATIONS BOARD  
MADISON, WI  
DEFRAY COST OF PRODUCTION OF "TARGET: THE STATE"  
FOR THE PERIOD 07-01-77 THRU 06-30-78 AT A TOTAL  
PROJECT COST OF \$146,922.00  
AWARD # P.O.#ECG00451  
EXT E C TELEVISION (133-8646) 1,036.00
12. MULTIPLE DONORS  
ACQUISITION UNDERWRITING ACCOUNT-WHA-TV  
EXT E C TELEVISION (133-8871) 5,536.00
- X<sup>63</sup> 13. FRIENDS OF CHANNEL 21, INC.  
MADISON, WI  
WHA-TV CAPITAL PROCUREMENT FUND  
EXT E C TELEVISION (133-C046) 34,314.39
14. MULTIPLE DONORS  
DEFRAY COST OF NCAA HOCKEY PLAYOFFS-PROVIDENCE  
EXT E C TELEVISION (133-C173) 5,800.00
15. MILWAUKEE COUNTY  
MILWAUKEE, WI  
HOUSING AND RELOCATION HOME REPAIR PROGRAM  
FOR THE PERIOD 03-01-78 THRU 03-31-79  
EXT COM PR COMMUNITY PROGS MILW CO (133-C180) 28,000.00
16. STATE OF WISCONSIN  
EXECUTIVE OFFICE  
OFFICE OF HIGHWAY SAFETY COORDINATION  
MADISON, WI  
4-H PEDAL POWER PROGRAM FOR THE PERIOD 03-01-78  
THRU 08-31-78  
EXT COM PR COMMUNITY PROGS MILW CO (133-C210) 5,896.00
17. DANE COUNTY CULTURAL AFFAIRS COMMISSION  
MADISON, WI  
HISTORIC SITES FIELD TRIPS FOR SENIOR CITIZENS  
FOR THE PERIOD 05-01-78 THRU 09-30-78  
EXT P H D HUMAN DEVELOPMNT HISTORY (133-C243) 1,000.00

GIFTS, GRANTS AND CONTRACTS  
JULY 14, 1978

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

|     |   |            |            |
|-----|---|------------|------------|
| 18. | MULTIPLE DONORS<br>ELECTIONS RESEARCH<br>EXT E E D DEPT OF GOVT AFF   | (133-C271) | 473.79     |
| 19. | AGRICULTURAL RECORDS COOPERATIVE<br>MADISON, WI<br>ADMINISTRATION OF THE OFFICIAL DAIRY HERD<br>IMPROVEMENT REGISTRY TESTING PROGRAM 1978-79<br>EXT E E D DAIRY SCIENCE                   | (133-C280) | 8,500.00   |
| 20. | STATE OF WISCONSIN<br>DEPARTMENT OF LOCAL AFFAIRS AND DEVELOPMENT<br>MADISON, WI<br>EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD<br>06-01-78 THRU 10-31-78<br>EXT E E D DEPT OF GOVT AFF | (133-C282) | 4,787.00   |
| 21. | FRIENDS OF CHANNEL 21, INC<br>MADISON, WI<br>SUPPORT ADMINISTRATIVE COSTS FOR THE FRIENDS OF<br>CHANNEL 21, INC. FY '79<br>EXT E C TELEVISION   | (133-C292) | 115,953.00 |
| 22. | EDUCATIONAL COMMUNICATIONS BOARD<br>MADISON, WI<br>"TARGET: THE STATE" PRODUCTION FOR THE PERIOD<br>07-01-78 THRU 06-30-79<br>AWARD # P.O.# ECH 00618<br>EXT E C TELEVISION               | (133-C299) | 163,259.00 |
| 23. | MULTIPLE DONORS<br>CAMP UPHAM WOODS SUPPORT<br>EXT P H D YOUTH DEVELOP  | (133-0690) | 6,669.56   |
| 24. | MADISON METROPOLITAN SCHOOL DISTRICT<br>MADISON, WI<br>SUPPORT PROGRAMS OF THE DEPARTMENT OF BUSINESS AND<br>MANAGEMENT<br>EXT E E D BUSINESS & MGT ADMIN                                 | (133-4539) | 20.00      |
| 25. | MULTIPLE DONORS<br>UNIVERSITY EXTENSION FELLOWSHIP FUND<br>EXT P S D STAFF TRNG DEV   | (133-7462) | 100.00     |
| 26. | SUPPORT WEED CONTROL RESEARCH PROGRAM<br>EXT E E D AGRONOMY   | (133-7714) |            |
|     | 1,500.00 SHELL CHEMICAL COMPANY<br>ST. ANN, MO  |            |            |
|     | 3,500.00 MONSANTO COMPANY<br>ST. LOUIS, MO  |            |            |
|     |   |            | 5,000.00   |
| 27. | MULTIPLE DONORS<br>CONTINUED DEVELOPMENT, PRODUCTION AND PROMOTION OF<br>ADULT BASIC EDUCATION PROGRAMS<br>EXT E C TELEVISION   | (133-9917) | 3,964.57   |
|     | TOTAL EXTENSION   |            | 558,366.31 |
|     |   |            | =====      |
|     | EXTENSION AND PUBLIC SERVICE  |            | 558,366.31 |

GIFTS, GRANTS AND CONTRACTS SUMMARY  
 ITEMS PROCESSED 05-20-78 THROUGH 06-22-78

|                               | EXTENSION      | INSTRUCTION      | LIBRARIES     | MISC.          | PHY. PLANT     | RESEARCH          | STUDENT AID      | UNRES.       | TOTAL             |
|-------------------------------|----------------|------------------|---------------|----------------|----------------|-------------------|------------------|--------------|-------------------|
| CNTL ADM/UNIV WIDE            | -0-            | -0-              | -0-           | -0-            | -0-            | -0-               | -0-              | -0-          | -0-               |
| CENTER SYSTEM                 | -0-            | 20,264           | -0-           | -0-            | -0-            | 306               | -0-              | -0-          | 20,570            |
| EAU CLAIRE                    | 3,667          | 11,659           | -0-           | 500            | -0-            | 37,250            | -0-              | -0-          | 53,076            |
| EXTENSION                     | 558,366        | -0-              | -0-           | -0-            | -0-            | -0-               | -0-              | -0-          | 558,366           |
| GREEN BAY                     | -0-            | 1,022            | -0-           | 25             | -0-            | 84,137            | 545              | -0-          | 85,729            |
| LA CROSSE                     | -0-            | -0-              | -0-           | -0-            | -0-            | -0-               | -0-              | -0-          | -0-               |
| MADISON                       | -0-            | 7,252,996        | 5,372         | 377,052        | 278,560        | 9,686,921         | 108,382          | 1,200        | 17,710,483        |
| MILWAUKEE                     | 1,747          | 87,489           | -0-           | 33,574         | -0-            | 498,155           | 2,357            | -0-          | 623,321           |
| OSHKOSH                       | 7,494          | -0-              | -0-           | -0-            | -0-            | -0-               | -0-              | -0-          | 7,494             |
| PARKSIDE                      | -0-            | 15,305           | -0-           | -0-            | -0-            | (176)             | 3,777            | -0-          | 18,906            |
| PLATTEVILLE                   | -0-            | -0-              | -0-           | -0-            | 2,500          | -0-               | -0-              | -0-          | 2,500             |
| RIVER FALLS                   | -0-            | -0-              | -0-           | -0-            | -0-            | -0-               | -0-              | -0-          | -0-               |
| STEVENS POINT                 | -0-            | -0-              | -0-           | -0-            | -0-            | 14,214            | 1,219,382        | -0-          | 1,233,596         |
| STOUT                         | -0-            | -0-              | -0-           | -0-            | -0-            | -0-               | -0-              | -0-          | -0-               |
| SUPERIOR                      | -0-            | 22,564           | -0-           | 10,530         | -0-            | -0-               | 162,267          | -0-          | 195,361           |
| WHITEWATER                    | -0-            | 850              | -0-           | -0-            | -0-            | -0-               | 148,734          | -0-          | 149,584           |
| <b>TOTAL JUL 1978</b>         | <b>571,274</b> | <b>7,412,149</b> | <b>5,372</b>  | <b>421,681</b> | <b>281,060</b> | <b>10,320,807</b> | <b>1,645,443</b> | <b>1,200</b> | <b>20,658,986</b> |
| PREVIOUSLY REPORTED           | -0-            | -0-              | -0-           | -0-            | -0-            | -0-               | -0-              | -0-          | -0-               |
| <b>GRAND TOTAL</b>            | <b>571,274</b> | <b>7,412,149</b> | <b>5,372</b>  | <b>421,681</b> | <b>281,060</b> | <b>10,320,807</b> | <b>1,645,443</b> | <b>1,200</b> | <b>20,658,986</b> |
| <b>TOTAL JUL 1977</b>         | <b>162,835</b> | <b>2,329,074</b> | <b>10,847</b> | <b>284,020</b> | <b>468,715</b> | <b>13,572,949</b> | <b>1,926,455</b> | <b>1,000</b> | <b>18,755,895</b> |
| PREVIOUSLY REPORTED           | -0-            | -0-              | -0-           | -0-            | -0-            | -0-               | -0-              | -0-          | -0-               |
| <b>GRAND TOTAL</b>            | <b>162,835</b> | <b>2,329,074</b> | <b>10,847</b> | <b>284,020</b> | <b>468,715</b> | <b>13,572,949</b> | <b>1,926,455</b> | <b>1,000</b> | <b>18,755,895</b> |
| <b>FEDERAL TOTAL JUL 1978</b> | <b>166,999</b> | <b>7,386,929</b> | <b>5,227</b>  | <b>44,454</b>  | <b>-0-</b>     | <b>9,235,662</b>  | <b>1,534,147</b> | <b>-0-</b>   | <b>18,373,419</b> |
| PREVIOUSLY REPORTED           | -0-            | -0-              | -0-           | -0-            | -0-            | -0-               | -0-              | -0-          | -0-               |
| <b>FEDERAL GRAND TOTAL</b>    | <b>166,999</b> | <b>7,386,929</b> | <b>5,227</b>  | <b>44,454</b>  | <b>-0-</b>     | <b>9,235,662</b>  | <b>1,534,147</b> | <b>-0-</b>   | <b>18,373,419</b> |
| <b>FEDERAL TOTAL JUL 1977</b> | <b>136,631</b> | <b>2,237,111</b> | <b>10,237</b> | <b>8,680</b>   | <b>468,715</b> | <b>11,999,619</b> | <b>1,859,625</b> | <b>-0-</b>   | <b>16,720,618</b> |
| PREVIOUSLY REPORTED           | -0-            | -0-              | -0-           | -0-            | -0-            | -0-               | -0-              | -0-          | -0-               |
| <b>FEDERAL GRAND TOTAL</b>    | <b>136,631</b> | <b>2,237,111</b> | <b>10,237</b> | <b>8,680</b>   | <b>468,715</b> | <b>11,999,619</b> | <b>1,859,625</b> | <b>-0-</b>   | <b>16,720,618</b> |

REPORT OF THE SPECIAL COMMITTEE  
ON THE ROLE AND STATUS OF  
THE BOARD OF VISITORS

Introduction

At its meeting of June 11, 1977, the Board of Regents tabled the following resolution:

That previous resolutions relating to the establishment, composition and duties of the Board of Visitors be rescinded, and that each Chancellor be authorized to appoint an appropriate Board of Visitors.

At the meeting of the Board of Regents on July 22, President Hales announced that he would appoint a committee to study the role and status of the Board of Visitors and make recommendations for Regent action on the tabled resolution. He appointed Regent David E. Beckwith, chairman; Regent Joyce M. Erdman, Regent Mary M. Walter, Visitor F. Anthony Brewster and Visitor Constance W. Elvehjem.

The committee held its first meeting at 2:30 p.m. Monday, August 15, 1977, at the home of Regent Walter near Baileys Harbor. All members were present. Resource materials which had been provided to the committee members before the meeting included documents relating to the history, bylaws and activities of the Board of Visitors, a May 12, 1977, letter from then Chancellor Edwin Young of UW-Madison to President Bertram McNamara of the Board of Regents proposing changes in the function and organization of the Board of Visitors; reactions from several Regents to Chancellor Young's letter, an analysis paper prepared by System Administration suggesting alternatives, and reports from Chancellors on citizen advisory boards and university foundations which now exist in the University System.

Other meetings of the committee were held on October 7, 1977, February 16, 1978, and March 16, 1978, in Van Hise Hall in Madison and on April 14, 1978, in the Wisconsin Union in Madison. At the October 7, 1977, meeting the committee approved a proposed report and resolution, which were shared with Chancellors and members of the Board of Visitors. The Chancellors discussed and supported the proposed report and resolution on October 27, 1977. The Board of Visitors on November 14, 1977, discussed the committee's proposals with Regent members of the committee and adopted a resolution asking that the Board of Visitors Study Committee be expanded and give the subject further study. Members of the committee agreed to support the request and on January 11, 1978, Regent President Hales announced the addition of Regent Marilyn M. Fitzgerald and Visitor Dale Clark to the committee.

At the meeting on April 14, 1978, the committee amended the proposed report and resolution to provide for institution Boards of Visitors and a systemwide Council of Visitors composed of representatives of the individual boards.

Recommendations

1. Previous resolutions relating to establishment, composition and duties of the Board of Visitors shall be rescinded.
2. Separate Boards of Visitors shall be established for UW-Madison and UW-Milwaukee by Chancellors of those Institutions, with members of the present Board of Visitors invited to accept appointment to either of the new boards.

3. Chancellors of the other Universities shall be authorized and encouraged to establish citizen boards to function as Boards of Visitors for their Institutions.

4. The Center System and UW-Extension shall be authorized to establish Boards of Visitors, if the Chancellors deem it appropriate.

5. Chancellors shall be authorized to nominate one person for each Board of Visitors position and appointments shall be made by the Board of Regents.

6. Guidelines for establishment, composition, mission and reporting of Boards of Visitors shall be provided by the Board of Regents.

7. The Board of Regents may establish a Council of Visitors consisting of two members from each of the Boards of Visitors, designated by them, to consider matters of systemwide concern. Expenses related to the functioning of the Council of Visitors shall be supported by System Administration.

#### Guidelines

As the recommendations indicate, members of the committee believe that separate Boards of Visitors are needed at the doctoral universities at Madison and Milwaukee, that separate boards with Board of Visitors/Advisory Board functions are advisable but not essential for each of the other Universities, that Chancellors of the Center System and UW-Extension should be authorized to establish a Board of Visitors for the Center System and a Board of Visitors for Extension if they deem it appropriate to do so, and that representatives from each Board of Visitors may serve on a Council of Visitors to consider systemwide matters.

The committee agreed that there are good reasons why the composition, terms of office, frequency of meetings and responsibilities of Boards of Visitors should vary at different Institutions of the University System. Consequently, Chancellors should have broad discretion in establishment of such boards within the following general guidelines:

1. Existing boards performing Board of Visitor/Advisory Board functions for the entire Institution may fulfill the intent of the Regent resolution by having the members nominated by the Chancellor and appointed by the Board of Regents.

2. Institutional Boards of Visitors should be established by the Chancellor under bylaws specifying the size, organization, terms of office, mission and method of selection for nomination to the Regents. Any expenses related to the functioning of the board should be supported by the Institution.

3. When a new board is established, the number of members should not exceed 15. If existing boards are reconstituted as Boards of Visitors, their size should be reduced to no more than 15 members as retirements occur.

4. A Board of Visitors need not supersede or replace other citizen boards serving particular segments or different missions at an Institution of the University of Wisconsin System.

5. The purposes and functions of a Board of Visitors of an institution of the University of Wisconsin System shall be:

1. To become informed about the institution's mission, purposes, achievements and problems.
2. To advise and assist the institution's administration in communicating with faculty, students, prospective students, parents, alumni, government officials and the general public.
3. To suggest to the chancellor ways to improve the institution's services to and relationships with the students, faculty, community and state.
4. At the request of the regents, the system president, the chancellor, or on its own initiative, to conduct inquiries into specific matters and make reports and recommendations to the regents, system president and chancellor.

6. The purposes and functions of a Council of Visitors of the University of Wisconsin System, consisting of representatives of the institutional Boards of Visitors, shall be:

1. To provide a forum for discussion of systemwide matters affecting the University System.
2. Upon request of the Board of Regents, or on its own initiative, to make recommendations to the regents.
3. To assist in the process of communication among the university system institutions, the Board of Regents, state government and the general public.

Regent David E. Beckwith, Chairman  
Regent Joyce M. Erdman  
Regent Mary M. Walter  
Regent Marilyn M. Fitzgerald  
Visitor F. Anthony Brewster  
Visitor Constance W. Elvehjem  
Visitor Dale Clark

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

14 July 1978

I. CONTRACTS AWARDED:

A. UW-EAU CLAIRE

1. 1977-78 Speech Department Radio  
Equipment Improvements  
University of Wisconsin - Eau Claire  
(Project No. 7805-06)

CONTRACT AWARD

CONTRACT AMOUNT

a. Equipment

Rockwell International Corporation  
1200 North Alma Road  
Richardson, TX 75081

\$ 29,000.00

TOTAL CONTRACT AWARD

\$ 29,000.00

2. 1977-79 Fume Hood and Ventilation  
Improvements and Art Labs Ventilation  
(Phillips Hall and Fine Arts Center)  
University of Wisconsin - Eau Claire  
(Project No. 7711-20)

CONTRACT AWARDS

CONTRACT AMOUNTS

a. General

Dell Construction Company, Inc.  
2208 Heimstead Road  
Eau Claire, WI 54701

\$ 8,808.00

b. Mechanical

Hovland Sheet Metal, Inc.  
East Melby Street  
Eau Claire, WI 54701

\$ 48,700.00

c. Electrical

Sherman Electric Service, Inc.  
1928 South Hastings Way  
Eau Claire, WI 54701

\$ 5,809.00

TOTAL CONTRACT AWARDS

\$ 63,317.00

B. UW-GREEN BAY

1. 1977-78 Gas Line Replacement  
University of Wisconsin - Green Bay  
(Project No. 7806-05)

CONTRACT AWARDCONTRACT AMOUNTa. Gas Line Replacement

Michels Pipe Line Construction, Inc.  
P. O. Box 128  
Brownsville, WI 53006

\$ 7,840.00

TOTAL CONTRACT AWARD

\$ 7,840.00

C. UW-MADISON

1. 1975-77 Far West Campus Site and  
Circulation Development  
(Area Lighting)  
University of Wisconsin - Madison  
(Project No. 7405-26)

CONTRACT AWARDCONTRACT AMOUNTa. Electrical

Staff Electric Company, Inc.  
P. O. Box 1441  
1659 North Jackson  
Milwaukee, WI 53201

\$ 107,700.00

TOTAL CONTRACT AWARD

\$ 107,700.00

2. 1976 Additional Brine Chiller  
(Camp Randall Sport Center)  
University of Wisconsin - Madison  
(Project No. 7610-26)

CONTRACT AWARDCONTRACT AMOUNTa. All Construction Work  
(as per specifications)

Mechanical Systems, Inc.  
P. O. Box 3343  
Madison, WI 53704

\$ 96,290.00

TOTAL CONTRACT AWARD

\$ 96,290.00



3. 1977 Eagle Heights Roof Replacement  
(Series 200 Apartments)  
University of Wisconsin - Madison  
(Project No. 7709-16)

| <u>CONTRACT AWARD</u>   | <u>CONTRACT AMOUNT</u> |
|---|------------------------|
| a. <u>Roof Replacements</u>   |                        |
| Kilbourn Roofing Company, Inc.<br>Route #1, Box 80<br>Wisconsin Dells, WI 53965 | \$ 107,327.00          |
|   | <hr/>                  |
| TOTAL CONTRACT AWARD  | \$ 107,327.00          |

4. 1978 West Hill Farm Sewer Extension  
(Sanitary Sewer)  
University of Wisconsin - Madison  
(Project No. 7802-16)

| <u>CONTRACT AWARD</u>   | <u>CONTRACT AMOUNT</u> |
|---|------------------------|
| a. <u>All Work</u>  |                        |
| Wogi Construction Company<br>854 Martin Street<br>Menasha, WI 54952 | \$ 7,425.00            |
|   | <hr/>                  |
| TOTAL CONTRACT AWARD  | \$ 7,425.00            |

D. UW-MILWAUKEE

1. 1977-78 Animal Holding Facilities Wall  
and Floor Coatings  
University of Wisconsin - Milwaukee  
(Project No. 7801-03)

| <u>CONTRACT AWARDS</u>   | <u>CONTRACT AMOUNTS</u> |
|--|-------------------------|
| a. <u>Elastomeric Liquid Flooring</u>  |                         |
| Wisconsin Mosaic & Tile Company<br>6151 North Flint Road<br>Glendale, WI 53209 | \$ 6,825.00             |
| b. <u>Special Coating</u>  |                         |
| Regency Painting Company, Inc.<br>3131 North Mill Road<br>Milwaukee, WI 53209  | \$ 1,475.00             |
|  | <hr/>                   |
| TOTAL CONTRACT AWARDS  | \$ 8,300.00             |

E. UW-OSHKOSH

1. 1977-78 Swart Education Center  
Hardware Improvements  
University of Wisconsin - Oshkosh  
(Project No. 7804-15)

| <u>CONTRACT AWARD</u>           | <u>CONTRACT AMOUNT</u> |
|---------------------------------|------------------------|
| a. <u>Hardware Improvements</u> |                        |
| Block Iron & Supply             | \$ 8,644.00            |
| 36 East 10th Avenue             |                        |
| P. O. Box 557                   |                        |
| Oshkosh, WI 54902               |                        |
| <br>TOTAL CONTRACT AWARD        | <br>\$ 8,644.00        |

F. UW-STEVENS POINT

1. 1975-77 Collins Classroom  
Building Roof Repairs  
University of Wisconsin - Stevens Point  
(Project No. 7608-28)

| <u>CONTRACT AWARD</u>          | <u>CONTRACT AMOUNT</u> |
|--------------------------------|------------------------|
| a. <u>Roof Repairs</u>         |                        |
| Kilbourn Roofing Company, Inc. | \$ 18,400.00           |
| Route #1, Box 80               |                        |
| Wisconsin Dells, WI 53965      |                        |
| <br>TOTAL CONTRACT AWARD       | <br>\$ 18,400.00       |

G. UW-SUPERIOR

1. 1977-79 Music Annex and Gates  
Physical Education Roof Repairs  
University of Wisconsin - Superior  
(Project No. 7709-52)

| <u>CONTRACT AWARD</u>          | <u>CONTRACT AMOUNT</u> |
|--------------------------------|------------------------|
| a. <u>Roof Repairs</u>         |                        |
| Kilbourn Roofing Company, Inc. | \$ 53,900.00           |
| Route #1, Box 80               |                        |
| Wisconsin Dells, WI 53965      |                        |
| <br>TOTAL CONTRACT AWARD       | <br>\$ 53,900.00       |

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

There are none to report this month.

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

- A. The name of the Elvehjem Art Center has been changed to the Elvehjem Museum of Arts and has been approved by the UW-Madison Chancellor.
- B. An agreement between Western Electric Company, Inc., and the Board of Regents of the University of Wisconsin System, dated May 23, 1978, providing for the royalty-free use of computer software by the Department of Computer Sciences has been signed by the Vice Chancellor for Administration, University of Wisconsin - Madison.
- C. A Memorandum of Agreement between Extension Journal, Inc., and the University of Wisconsin - Extension, setting forth financial management and cooperative procedures for the Journal of Extension, a publication of the National Association of State Universities and Land Grant Colleges, has been signed for the Board of Regents of the University of Wisconsin System by the Vice President and Controller and is effective July 1, 1978.

D. To be published by UW-Press:

| <u>TITLE</u>  | <u>AUTHOR</u>    |
|---|------------------|
| Fishes of Wisconsin   | George C. Becker |
| Threat Perception in International Crisis   | Raymond Cohen    |
| Adventures in Low Protein Cooking   | Virginia Schuett |
| The Leguminosae: A Source Book of Economic Uses and Nodulation Scope                  | Ethel K. Allen   |
| The England of Elizabeth  | A. L. Rowse      |
| Legal Imperialism: A Critical History of American Legal Assistance to the Third World | James A. Gardner |
| The French Slave Trade in the Eighteenth Century: A Study of an Old Regime Business   | Robert L. Stein  |

- E. On June 14, 1978, System Administration distributed to each campus the document entitled "University of Wisconsin System Notes to the 1978-79 Academic Year Fee and Tuition Schedule" to assist the institutions in the administration of the 1978-79 schedule of student fees approved by the Board of Regents at their May 5, 1978 meeting. The document follows:

University of Wisconsin System  
Notes to the 1978-79 Academic Year  
Fee and Tuition Schedule

A. Payment Procedures:

1. For students not on partial payment plan, total fees are due at the time of registration or, at the institution's option, not later than the end of the first session week. Penalties apply thereafter.
2. Students may elect to pay fees under a partial payment plan, as authorized in Section B. In order to qualify to pay fees under a partial payment plan, whether open-end or closed-end, students must make a downpayment in an amount specified by the institution. The downpayment must be made at the time of registration or, at the institution's option, not later than the end of the first session week. The downpayment is a cash transaction and is not part of the partial payment plan. Failure to make the downpayment shall subject students to the Late Payment Penalties specified in Section C.
3. Students who have not paid fees in full, as specified in A.1., or entered into a partial payment plan as permitted in Section B., shall be presumed to be on a cash basis. Up through the fourth session week, students may enter into a partial payment plan. Students who enter into a partial payment plan after the end of the first session week are subject to the Late Payment Penalties, as specified in Section C.
4. Students enrolled in an off-campus credit course will be permitted to register and pay fees without penalty up to and including the third meeting of the course. Failure to pay fees within this penalty-free period shall result in the cancellation of registration.

B. Partial Payment Provisions:

1. Each institution of the University of Wisconsin System may, at its option, make available a partial payment plan to all full-time and part-time students for the payment of fees, room and board, and other institution designated charges.
2. Each institution electing to make available a partial payment plan must file a procedural outline of its plan with System Administration. Such plan can be implemented only after approval of the Vice President and Controller or his designated representative. Each year thereafter the institutions shall file a statement indicating changes to the approved plan with the Vice President and Controller. If a change is anticipated for the second semester (second quarter/third quarter) of an academic year, a statement of change shall be filed prior to that time. Any change must receive approval from the Vice President and Controller or his designated representative before it can be implemented.
3. A finance charge of at least 1% and not to exceed 1-1/2% per month on balances up to \$500.00, and 1% per month on the unpaid balance in excess of \$500.00, will be charged to any students who participate in the plan. Use of the alternate option for closed-end credit plans provided by Statute Section 422.201(8) must have prior Vice President and Controller's approval.
4. Students on a closed-end credit plan will be charged a late payment fee in an amount consistent with the requirements of the Wisconsin Consumer Protection Act for failure to meet partial payment deadlines. A late payment fee cannot be assessed on open-end credit plans.

C. Late Payment Penalty Schedule for Students not on Partial Payment Plan.

The assessment of this penalty is mandatory.

|  |     |  |
|--|-----|--|
| Payment in Second Session Week           | --- | \$20.00 Penalty or, at institution's option, cancellation of registration.   |
| Payment in Third and Fourth Session Week | -   | \$30.00 Penalty or, at institution's option, cancellation of registration.   |
| After Fourth Session Week                | --- | Cancellation of registration. (Institution has authority to readmit a student if payment is after fourth session week. \$30 late payment penalty shall apply.) |

D. General Items:

1. Exceptions to any of the stated procedures, provisions, etc., due to unusual circumstances can be made only by the chancellor or his designated representative. Designation of a representative should be in writing and maintained in the proper office. Documentation justifying exceptions should be maintained in the student's file. Blanket exceptions are not authorized.
2. A \$2.00 charge shall be assessed for a check not paid by the bank on which it is drawn. At institution option a withdrawal fee not to exceed \$20 and a late registration fee not to exceed \$10.00 may be assessed.
3. No student shall be issued a transcript (certified or not) until all accounts receivable have been paid. At the institution's option, this provision may be waived when the accounts receivable are less than \$25.00. University Hospitals-Madison accounts receivable are excluded.
4. Special students should be assessed fees according to the primary level of course work for which they are enrolled. Because of the diverse nature of "special students" in the System, individual institution discretion should be exercised in determining the appropriate student level for assessment of fees consistent with the general policy.
5. Graduate students who have completed the residency course credit and minor requirements and passed the preliminary examination, must maintain continuous academic year registration for a minimum of three credits each semester. The continuous registration fee for resident dissertator is \$40.00 per credit; the fee for non-residents is \$65.00 per credit. Segregated fees shall be assessed to all dissertators. Any dissertator who fails to maintain continuous registration is required to pay a Ph.D. Dissertation and Degree Completion Fee equal to twelve times the current per credit fee for dissertators (based upon residency status which existed as of the last term of registration). The late payment penalty does not apply to the Dissertation and Degree Completion Fee. (UW-Madison)
6. Students enrolled at more than one UW System institution may combine credits taken in order to determine their full-time status and fee and tuition assessment. It is the student's responsibility to present evidence of fees paid and courses and credits being taken. If full-time status (12 credits undergraduate, 8 doctoral cluster graduate, 9 university cluster graduate) is achieved at the first institution, no additional fees will be assessed by the second institution. When full-time status is not achieved at the first institution, the second will charge the per credit rate until the full-time plateau is reached. At no time will the full-time rate be less than the lowest nor more than the highest full-time rate of

the institutions involved. An appropriate segregated fee shall be assessed by each campus. Credits taken through UW-Extension, which have been approved as part of the student's degree program, shall be combined with the resident institutional credits, whether offered on or off campus by that same institution, when determining fee and tuition assessments. The fee and tuition schedule to be used when assessing extension fees for degree credit instruction shall be that which is applicable to the resident campus. UW-Extension and the institution shall distribute the fees in accordance with Academic Information Series 3 (ACIS 3).

7. Inter-term sessions between the fall and spring semesters (between the fall and winter or winter and spring quarters) will be treated as separate sessions for fee and tuition assessments. The 1978-79 Academic Year Fee and Tuition Schedule shall apply. Credits taken during these sessions shall not be combined with an academic semester to determine a student's full time status. Certain currently existing sessions, between the fall and spring semesters, having the approval of the Vice President and Controller, shall not be considered inter-term sessions for 1978-1979.
8. In those cases where the academic year fee schedule does not properly apply, the schedule should be adjusted in consultation with the Vice President and Controller.
9. Courses offered for zero credits shall be treated for fee purposes as if they carry one credit. Exceptions to this provision may be made by the chancellor. (This note excludes non-credit workshops and seminars.)
10. Individuals constrained by the courts from leaving the State of Wisconsin, who are enrolled in credit courses, shall be assessed resident instructional fees only and an appropriate segregated fee for services available. This does not count toward the institution's remission ceiling.
11. For refund, withdrawal, drop/adds and late payment purposes, a session week is defined to end as of the close of regular business on Friday of the calendar week. A special session week definition must be approved in writing by the Vice President and Controller. Institutions have the option to administer the provisions of this paragraph consistent with the CDR reporting requirements.
12. The same refund schedule shall be applied to both withdrawals and class drops. A student who adds and drops credits within the same session week shall be assessed additional fees or receive a refund based on the net result of those adds and drops. If a part-time student only adds credits during the week, the credit should be assessed at the full per-credit rate disregarding any previous refunds. However, no student should pay more than full-time student fees, any refunds considered. Exceptions to this provision must have the prior approval of the Vice President and Controller.
13. Institutions which require an advanced registration fee shall comply with the "Refund Schedule for Withdrawals or Drops" and note D.3 when determining the refundable portion of the advanced registration fee due a student that does not complete the registration process or withdraws after registering.
14. Fees assessed for late registration, late payment of academic fees and withdrawal are considered to be academic fees and shall be deposited to the Academic Student Fee Fund (131).
15. Fees for auditors will be assessed in compliance with UW System guidelines, dated 8/17/76.
16. The burden of proof for determining date of withdrawal shall be on the student.
17. Provisions of these notes shall apply to part-time students in proportion to total credits registered for.

18. Institutions, with the approval of the Vice President and Controller, have the authority to charge the part-time per-credit rate to undergraduate students for the 19th credit and higher and graduate students for the 14th credit and higher.
19. Nonresident graduate assistants qualify for nonresident tuition waivers only if they have an appointment of at least 33% of full time. This counts toward the institution's remission ceiling.
20. Teachers who supervise University of Wisconsin System student teachers, may be allowed to enroll in a course called "Supervision of Student Teachers and Interns" without payment of fees. This provision applies only to those teachers with whom definite arrangements exist for service as supervisors of student teachers within the current or following school year. This does not count toward the institution's remission ceiling.
21. A non-refundable application fee of \$20 shall be assessed to each separate application required by an institution for admission to a graduate school, law school or medical school. The fee does not apply toward the student's other fees and tuition.

E. Refund and Payment Schedules for Withdrawals or Drops.

| Refund Schedule<br>for Withdrawals or Drops |                 |      |      |      |                 |
|---|-----------------|------|------|------|-----------------|
| Session Length                              | Week of Session |      |      |      | There-<br>after |
|   | Wk.1            | Wk.2 | Wk.3 | Wk.4 |                 |
| 12 wks. & over                              | 100%            | 80%  | 60%  | 40%  | None            |
| 10 wks. & 11 wks.                           | 100%            | 80%  | 60%  | None | None            |
| 6 wks. thru 9 wks.                          | 100%            | 70%  | 30%  | None |                 |
| 5 weeks                                     | 100%            | 60%  | 20%  | None |                 |
| 4 weeks                                     | 100%            | 40%  | None |      |                 |
| 3 weeks                                     | 100%            | 30%  | None |      |                 |
| 2 weeks                                     | 100%            | None |      |      |                 |

| Payment Schedule for Withdrawal,<br>Cancellation of Registration or<br>Drops Without Payment of Fees<br>(Assessment of late payment penalty<br>is in addition to percents noted.) |                 |      |      |      |                 |
|---|-----------------|------|------|------|-----------------|
| Session Length  | Week of Session |      |      |      | There-<br>after |
|   | Wk.1            | Wk.2 | Wk.3 | Wk.4 |                 |
| 12 wks. & over  | None            | 20%  | 40%  | 60%  | 100%            |
| 10 wks. & 11 wks.   | None            | 20%  | 40%  | 100% |                 |
| 6 wks. thru 9 wks.  | None            | 30%  | 70%  | 100% |                 |
| 5 weeks   | None            | 40%  | 80%  | 100% |                 |
| 4 weeks   | None            | 60%  | 100% |      |                 |
| 3 weeks   | None            | 70%  | 100% |      |                 |
| 2 weeks   | None            | 100% |      |      |                 |

For sessions of shorter duration, campuses should extend schedules appropriately.



UNIVERSITY OF WISCONSIN  
SYSTEM AUDIT FEE POLICY

| <u>Student Category</u>   | <u>Audit Only Student<br/>(Also Guest Student<br/>at Madison Campus)</u> | <u>*Full-Time Degree Credit<br/>Student Taking Additional<br/>Audit Credits</u> |   | <u>*Part-Time Degree Credit<br/>Student Taking Additional<br/>Audit Credits</u> |   | <u>CDR Reporting<br/>of Audit<br/>Credits</u>           |
|---|--|---|---|---|---|---|
|   | <u>Charge for<br/>Audit<br/>Credits</u>                                  | <u>Charge for<br/>Degree<br/>Credits</u>  | <u>Charge for<br/>Audit<br/>Credits</u> | <u>Charge for<br/>Degree<br/>Credits</u>  | <u>Charge for<br/>Audit<br/>Credits</u> |   |
| <u>Under Age 62</u><br>Instruction Fee (Res.)<br>and Tuition (Nonres.)    | One-half the<br>Credit Rate**  | Full Charge   | No Charge                               | Full Charge   | One-half the<br>Credit Rate***          | Report Full<br>Credit for<br>each Audit<br>Credit Taken |
| Segregated Fees   | Campus<br>Option   | Full Charge   | Campus<br>Option                        | Full Charge   | Campus<br>Option                        |   |
| Special Course Fees   | Full Charge  | Full Charge   | Full Charge                             | Full Charge   | Full Charge                             |   |
| <u>Age 62 and Over</u><br>Instruction Fee (Res.)<br>and Tuition (Nonres.) | No Charge  | Full Charge   | No Charge                               | Full Charge   | No Charge***                            |   |
| Segregated Fees   | Campus<br>Option   | Full Charge   | Campus<br>Option                        | Full Charge   | Campus<br>Option                        |   |
| Special Course Fees   | Full Charge  | Full Charge   | Full Charge                             | Full Charge   | Full Charge                             |   |

\*(Academic Year) UG/Under 12 Credits; Grad/Under 8 Credits (UW-MSN & UW-MIL)  
Under 9 Credits (Univ. Cluster)  
(Summer Session) UG/Under 6 Credits; Grad/Under 4 Credits (UW-MSN & UW-MIL)  
Under 5 Credits (Univ. Cluster)

\*\*Total charge not to exceed amount paid by full-time student.

\*\*\*For the Madison campus, this fee applies only to the Guest Student category; others pay full charges.

Note: Minnesota reciprocity students are residents for fee/tuition purposes.

IV. REPORT OF ACTIONS TAKEN BY THE SUB-COMMITTEE FOR HIGHER EDUCATION OF THE STATE BUILDING COMMISSION ON 20 JUNE 1978 AFFECTING THE UNIVERSITY OF WISCONSIN SYSTEM.

| UNIVERSITY        | PROJECT   | ACTION   |
|-------------------|---|----------|
| 1. UW-RIVER FALLS | Requested allotment of an additional \$71,500 of State Building Trust Funds for the 1977-79 Observatory Addition project for a revised total project cost of \$236,000. | APPROVED |

V. REPORT OF ACTIONS TAKEN BY THE STATE BUILDING COMMISSION ON 20 JUNE 1978 AFFECTING THE UNIVERSITY OF WISCONSIN SYSTEM.

| UNIVERSITY       | PROJECT  | ACTION   |
|------------------|--|--|
| 1. UW-EAU CLAIRE | Requested allotment of \$25,000 of State Building Trust Funds to plan, bid, and construct the 1977-79 Central Campus Development project.  | APPROVED   |
| 2. UW-GREEN BAY  | Requested allotment of \$112,300 to plan, bid, and construct a 1977-79 Three Building Roof Repairs project.  | APPROVED   |
| 3. UW-MADISON    | Requested approval of the Concept and Budget Report for a 1973-75/1977-79 Additional Accelerator Facilities, Physical Sciences Laboratory Synchrontron-Radiation Center (Aladdin) project and authority to prepare final plans and specifications, bid, and construct this project at a total revised project cost of \$1,166,500. | APPROVED<br>Using 1977-79 Minor Project Funds in lieu of 1977-79 Energy Conservation Allocation Funds for \$20,500 SBTF in budget. |

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| UNIVERSITY            | PROJECT   | ACTION   |
|-----------------------|---|----------|
| UW-MADISON<br>(cont.) | Requested authority to construct the 1977-79 Camp Randall Memorial Sports Center Roof Repair project, on the campus at UW-Madison, and authority to increase the budget by \$30,000 (made up of an additional \$10,000 of Self-Amortizing Supported and \$20,000 of General Fund Supported Residual Bonding Authority) for a revised total project cost of \$680,000. | APPROVED |
|                       | * * *   |          |
|                       | Requested approval of the Concept and Budget Report for the 1977 Marshfield Farm Headquarters Addition and Remodeling project, at the Marshfield Experimental Farm, near Marshfield, Wisconsin, and authority to prepare final plans and specifications, bid, and construct the project at a total estimated cost of \$237,000.                                       | APPROVED |
|                       | * * *   |          |
|                       | Requested authority to construct a 1976 Toilet-Laundry Building project, at the Trout Lake Biological Station, near Boulder Junction, Wisconsin, at an estimated total project cost of \$29,900.  | APPROVED |
|                       | * * *   |          |
|                       | Requested authority to plan, bid, and construct a 1978 Chadbourne Hall Roof Replacement project for an estimated total project cost of \$63,700.  | APPROVED |
|                       | * * *   |          |
|                       | Requested authority to construct a 1978 Parking Lot 62 Resurfacing project for an estimated total project cost of \$45,000.   | APPROVED |
|                       | * * *   |          |

| UNIVERSITY            | PROJECT  | ACTION   |
|-----------------------|--|--|
| UW-MADISON<br>(cont.) | Requested authority to plan, bid, and construct a 1978 Union South Snack Bar Addition project for an estimated total project cost of \$75,000.   | APPROVED   |
|                       | * * *  |  |
|                       | Requested authority to plan, bid, and construct a 1978 Urban Agriculture Research Station Building project on the Charmany Experimental Farm, in Madison, for an estimated total project cost of \$31,500. | APPROVED   |
| 4. UW-MILWAUKEE       | Requested allotment of \$48,900 of State Building Trust Funds to plan, bid, and construct a 1978 Laboratory Equipment Installation project in the UW-System Great Lakes Research Facility, at Milwaukee.   | APPROVED<br>Contingent upon use of Operating Budget and/or Gift/Grant Funds with no use of SBTF. |
| 5. UW-PARKSIDE        | Requested allotment of \$56,800 of State Building Trust Funds to plan, bid, and construct a 1977-79 Library and Communication Arts Buildings Roof Repairs project.   | APPROVED   |
| 6. UW-PLATTEVILLE     | Requested allotment of \$71,400 of State Building Trust Funds to plan, bid, and construct the 1975-77 Coal Storage Facility project.   | APPROVED   |
| 7. UW-STOUT           | Requested allotment of an additional \$6,900 of State Building Trust Funds to construct the 1975-77 Bowman Hall Insulation project for a revised total project cost of \$22,600.                           | APPROVED   |
|                       | * * *  |  |
|                       | Requested authority to increase the budget for the 1977 Tainter House Restoration project by \$18,550 for a revised total project cost of \$93,500.  | APPROVED   |

| UNIVERSITY  | PROJECT  | ACTION   |
|---|--|----------|
| 8. UW-WHITEWATER                                    | Requested release of \$70,000 of Land Acquisition Funds to appraise, option, and purchase one parcel of land.  | DEFERRED |
| 9. UW-MADISON<br>UW-RIVER FALLS                     | Requested release of \$250,000 of State Building Trust Funds for advance planning of facilities to establish a School of Veterinary Medicine, at UW-Madison, and a Satellite Food Animal Clinic at UW-River Falls.   | APPROVED |
| 10. UW-LA CROSSE<br>UW-PLATTEVILLE<br>UW-WHITEWATER | Requested release of \$13,000 of Advance Planning Funds to prepare Preliminary Plans and Concept and Budget Reports for a 1977-79 Wilder Hall Handicapped Accessibility project, on the campus at UW-La Crosse, for an estimated total project cost of \$141,200; a 1977-79 Brigham-Royce-Warner Halls Handicapped Accessibility project, on the campus at UW-Platteville, for an estimated total project cost of \$387,900; and a 1977-79 McCutchan Hall Handicapped Accessibility project, on the campus at UW-Whitewater, for an estimated total project cost of \$121,100. | APPROVED |
| 11. UW-GREEN BAY<br>UW-EXTENSION<br>UW-MADISON      | Requested allotment of \$287,000 of State Building Trust Funds to bid and purchase radio and television electronic broadcast and program production equipment, for the teleproduction center at UW-Green Bay and UW-Extension broadcast stations on the campus at UW-Madison, all as provided for in the 1977-79 Telecommunications Equipment project.   | APPROVED |
| 12. UW-SYSTEM<br>(UW-Parkside)                      | Requested approval of the Concept and Budget Report; release of an additional \$15,400 of Advance Planning Funds; and authority to prepare final plans, bid, and construct the UW-Parkside portion of the UW-System 1977-79 Mechanical and Electrical Monitoring project for an estimated total project cost of \$313,000.   | APPROVED |
| 13. SPECIAL   | Requested approval of Special Assessments for Local Improvements, for a 1978 Warren Road Extension and Improvements project at UW-Oshkosh, at an estimated total project cost of \$188,320.  | DEFERRED |

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L.R. 3.1 - THE DEMOGRAPHIC, ACADEMIC AND ECONOMIC CONTEXT, 1979-83

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INTRODUCTION

This document is an update of the Academic/Fiscal Planning Paper #LR 2, July, 1976. The demographic, educational, societal, and economic conditions and trends which can be recognized and projected into the future are the parameters within which the System and the institutions must respond both on a short- and long-term basis. System and institutional goals and objectives (LR 3.0) and the demographic, economic, and societal environment over the next several years condition the System's planning decisions.

Planning for the 1979-83 period and beyond by the institutions of the University System must be conducted within the context of a decline in the traditional age pool attending the University System. The number of 18 year olds in the state will reach a peak of about 100,000 in 1980 and then decline to roughly 62,000 by 1992. During this next decade, shifts in the age distributions of the general population along with changing societal needs will require shifts in program emphases and reallocations of personal and fiscal resources.

Attempts to anticipate the future must be tempered by the varying degrees of uncertainty implicit in each assumption. The assumptions that follow represent a spectrum ranging from statements of already known facts to somewhat speculative assumptions about what might be expected to occur during the next several years.

1. DEMOGRAPHIC ASSUMPTIONS

Enrollments in higher education in the future, both nationally and in Wisconsin, have been an issue of considerable speculation and uncertainty during the past decade. Although a precise determination of future participation patterns is not possible, the demographic assumptions which follow are intended to identify the range and scope of potential enrollments as students seek educational opportunities in the University of Wisconsin System during the next two decades. Recent evidence indicates a trend toward a dispersion of the population of the state. During the past seven years the greatest increase in population has been in areas adjacent to the Milwaukee metropolitan area and in the central and northern sections of the state.<sup>1</sup> (See Map 1.)

1.A. The age pool of 18 and 19 year olds will decline during the next 15 years and then increase from 1992 to 1995.

The number of births per year in Wisconsin reached a high of 99,500 in 1960 and declined to 62,800 in 1973. Since 1973, the number of births per year has

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1 Wisconsin Department of Administration, Official Population Estimates for 1977, October 1977.

increased to 70,000 in 1977 (Graph #1). There is not complete agreement concerning the extent to which this increase will continue. However, the number of women in the fertility age group will be unusually large during the next 15 years, increasing by 33 percent from 860,000 in 1975 to 1,143,000 in 1990 (Graph #2). Unless birth rates reach unexpected lows, the number of births will continue to rise in the near future. It is also expected that the size of the traditional age pool will be minimally affected by migration since the state of Wisconsin is essentially a zero net migration state. Therefore, the number of new freshmen may decline by as much as 35 to 40 percent by 1992. This will be true if the same proportion of the traditional age group attends the University System and there is no increase in the numbers from the older age groups.

1.B. The sizes of families supporting children enrolled in higher education will decrease substantially during the next several years as a result of declining birth rates. Thus there will be fewer children in each family.

Wisconsin births per 1,000 women age 18-34 reached a high of 245 per 1,000 women in 1960 and declined to 105 per 1,000 women in 1972.<sup>2</sup> Research has demonstrated a strong correlation between sibling spacing and family size and participation in higher education. With fewer children spaced further apart, families are more likely to be able to afford the costs of higher education.

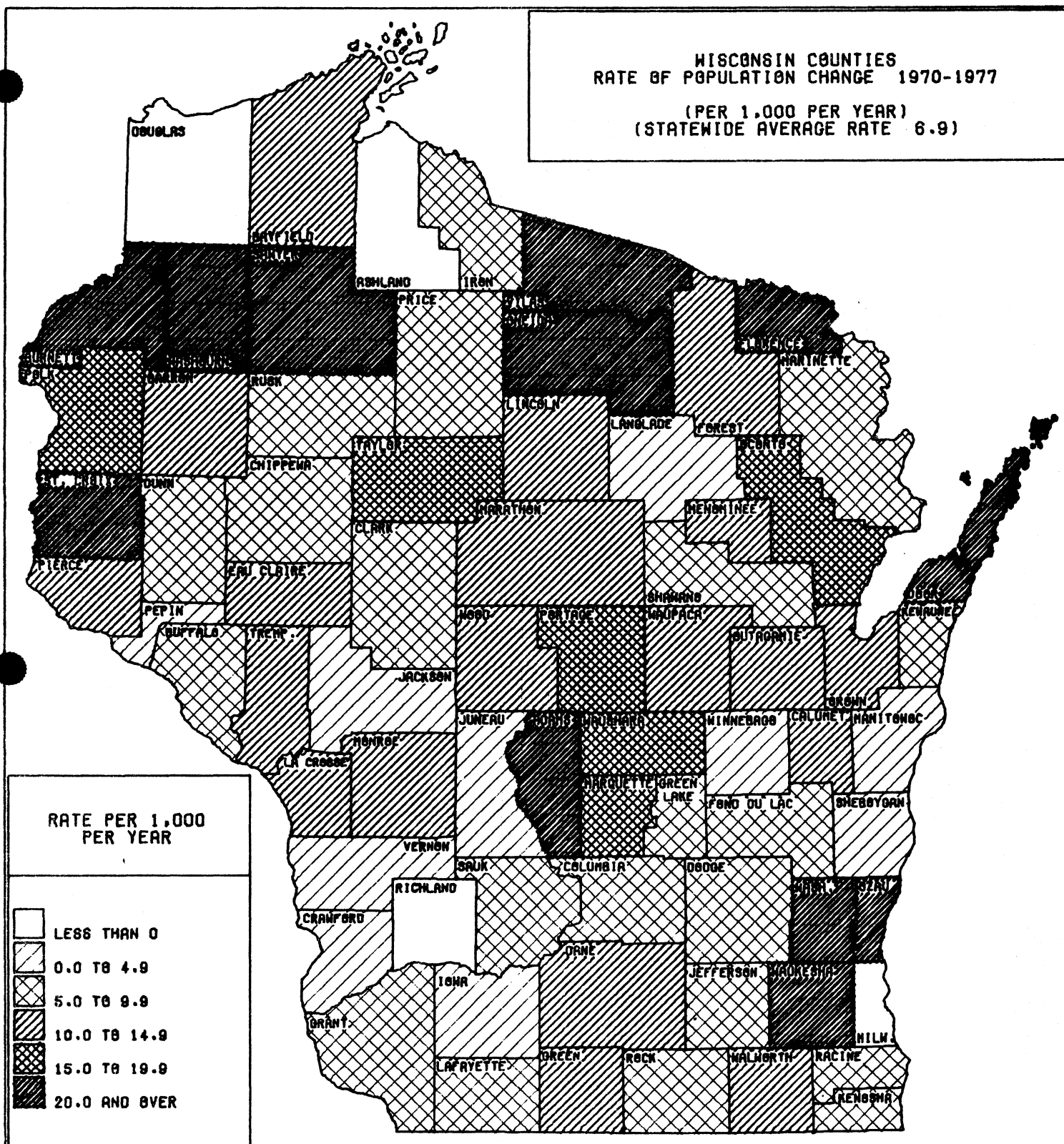
Decreases in family size have also occurred nationally and are expected to decline from an average of 3.70 in 1960 to 3.00 by 1990<sup>3</sup> (Graph 3). This projection of family size is based on the U.S. Bureau of Census population projections which assume a zero population birth rate.

1.C. Increases in the educational attainment level of parents during the past two decades will result in an increase in the percentage of the traditional age group enrolling in higher education.

Between the years 1964 and 1974, the percent of the population 25 through 34 years of age with four or more years of college education increased from 12.9 percent in 1964 to 20.0 percent in 1974.<sup>4</sup> During the same period, the number of citizens ages 45 through 54 with a college education increased from 8.3 percent in 1964 to 12.0 percent in 1974. Research has demonstrated that children of parents with college educations participate in higher education at a higher rate than siblings of parents without college educations.<sup>5</sup> The substantial increase in educational attainment levels during the past two decades will, in all probability, result in higher participation rates of siblings in postsecondary education in the future.

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- 2 Wisconsin Department of Administration, State Bureau of Program Management, Wisconsin Population Projections, Third Edition, June 1975.
- 3 U.S. Department of Commerce, Bureau of the Census, Social Indicators 1976, Washington, D. C., December 1977.
- 4 Ibid.
- 5 Sweet, James A., Mother's Education and University Enrollment Potential, unpublished, Madison, Wisconsin, July 1976.

WISCONSIN COUNTIES  
 RATE OF POPULATION CHANGE 1970-1977  
 (PER 1,000 PER YEAR)  
 (STATEWIDE AVERAGE RATE 6.9)

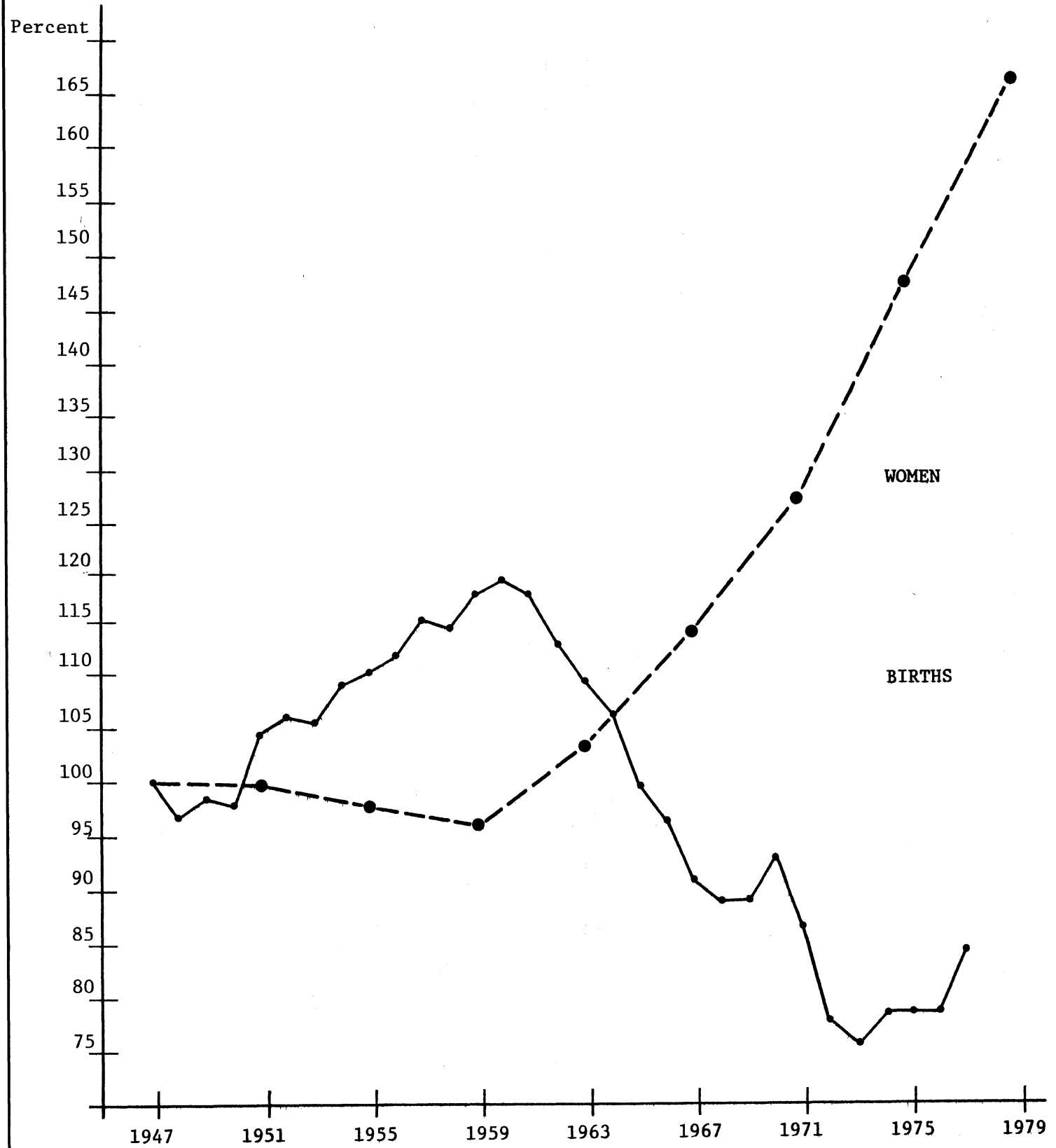




Graph 1

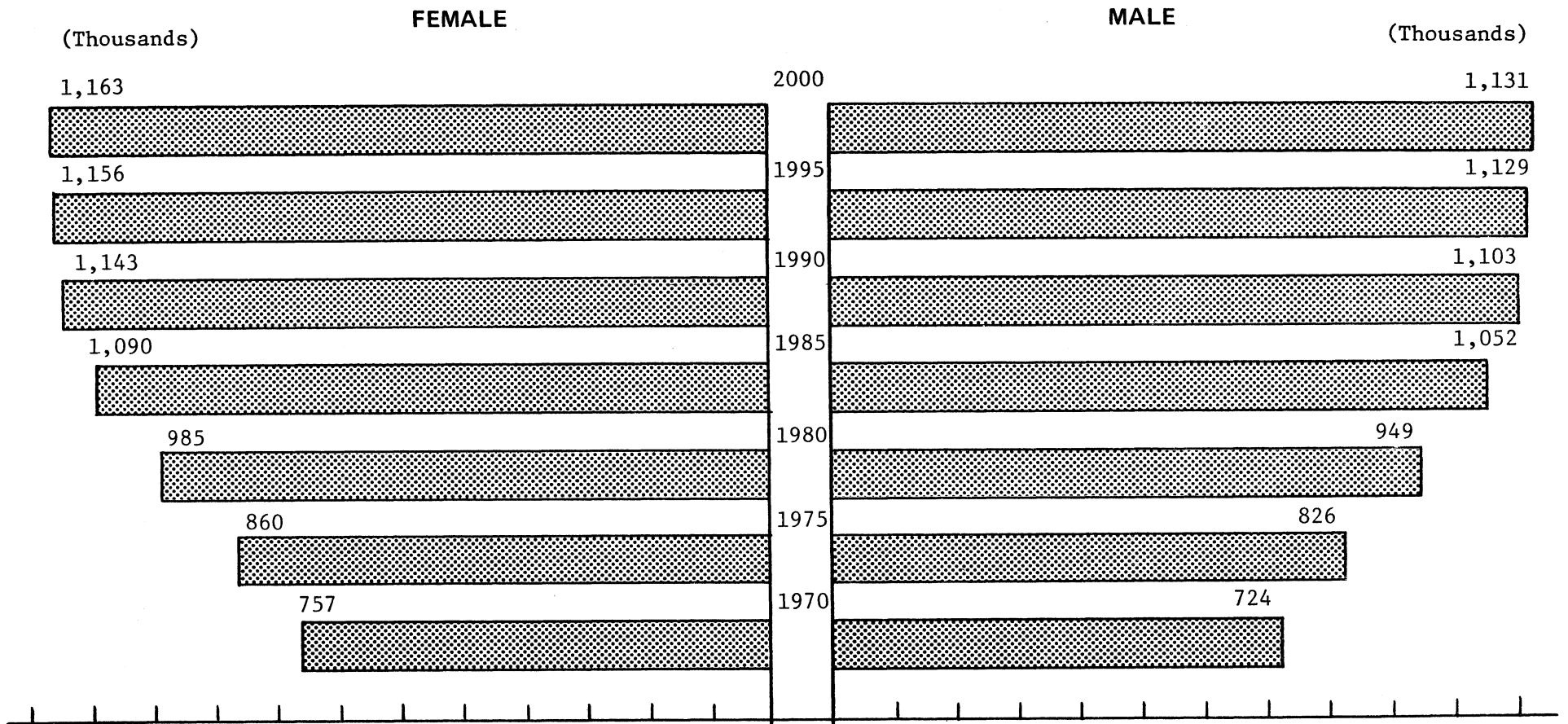
WISCONSIN  
LIVE BIRTH POOL AND WOMEN AGE 18-34  
RELATED TO BASE YEAR 1947  
1947 THROUGH 1977

4



Graph 2

WISCONSIN POPULATION AGE 18 THROUGH 44  
1970 THROUGH 2000



Graph 3  
AVERAGE FAMILY SIZE\*  
UNITED STATES TOTAL  
1950 THROUGH 1990

Average  
Size



\* Includes some single parents.

I.D. The state's population in the middle-aged bracket will increase substantially during the next two decades.

The population in the 35 to 54 year old age group will almost double from 942,000 in 1975 to about 1,730,000 by the year 2000 (Graph 4). There will be increased educational demands on the University System from this group, especially for recertification, retraining, and completion of degree programs begun earlier.

I.E. The population in the traditional retirement age group will increase by about 25 percent during the period from 1975 to the year 2000.

Population statistics<sup>6</sup> prepared by the State Bureau of Program Management in the Department of Administration show an increase in the 65 years and older age group of 121,000 from 1975 to the end of this century. Many of these individuals will seek learning opportunities and other services of the University System. The University System will also need to provide assistance in the development of programs to serve the needs of the post-retirement population. The increase in the over-65 population will place extraordinary demands on all of the health care fields.

I.F. Wisconsin's base population projections show significant increases in the potential clientele for outreach programs during the period 1978-79 through 1982-83 and extending over the next two decades.

Between 1940 and 2000, Wisconsin's total population is projected to have doubled from approximately 3,000,000 to 6,000,000 people (Graph 5). By 1980, adults age 25<sup>7</sup> and over will increase by 9.8 percent over 1975 and will increase another 10 percent by 1985 (2,491,420 in 1975 to 2,735,700 in 1980 and 3,010,190 by 1985). Between now and 1990, the 25-34 year old age group will be the largest sector of the population and by 1995, the 35-44 year old age group will have doubled its present size. Clearly, the potential audiences for adult and continuing education will be growing at a rapid pace. In 1977-78, approximately one million people were involved in some kind of UW-Extension educational activity. This is approximately 40 percent of the 25 and over age group. If the proportion of the population participating in Extension programs remains constant, by 1983 an additional 100,000 adult citizens will seek educational programs.

I.G. Degree credit enrollments are expected to increase from the 1977-78 level of 146,530 (125,345 full-time equivalent) to a high of about 151,000 (130,000 FTE) in 1980-81, then to decline to between 115,000 (97,000 FTE) and 127,000 (106,000 FTE) by the early 1990's. If participation rates were to return to the 1968 levels the declines would be somewhat less.

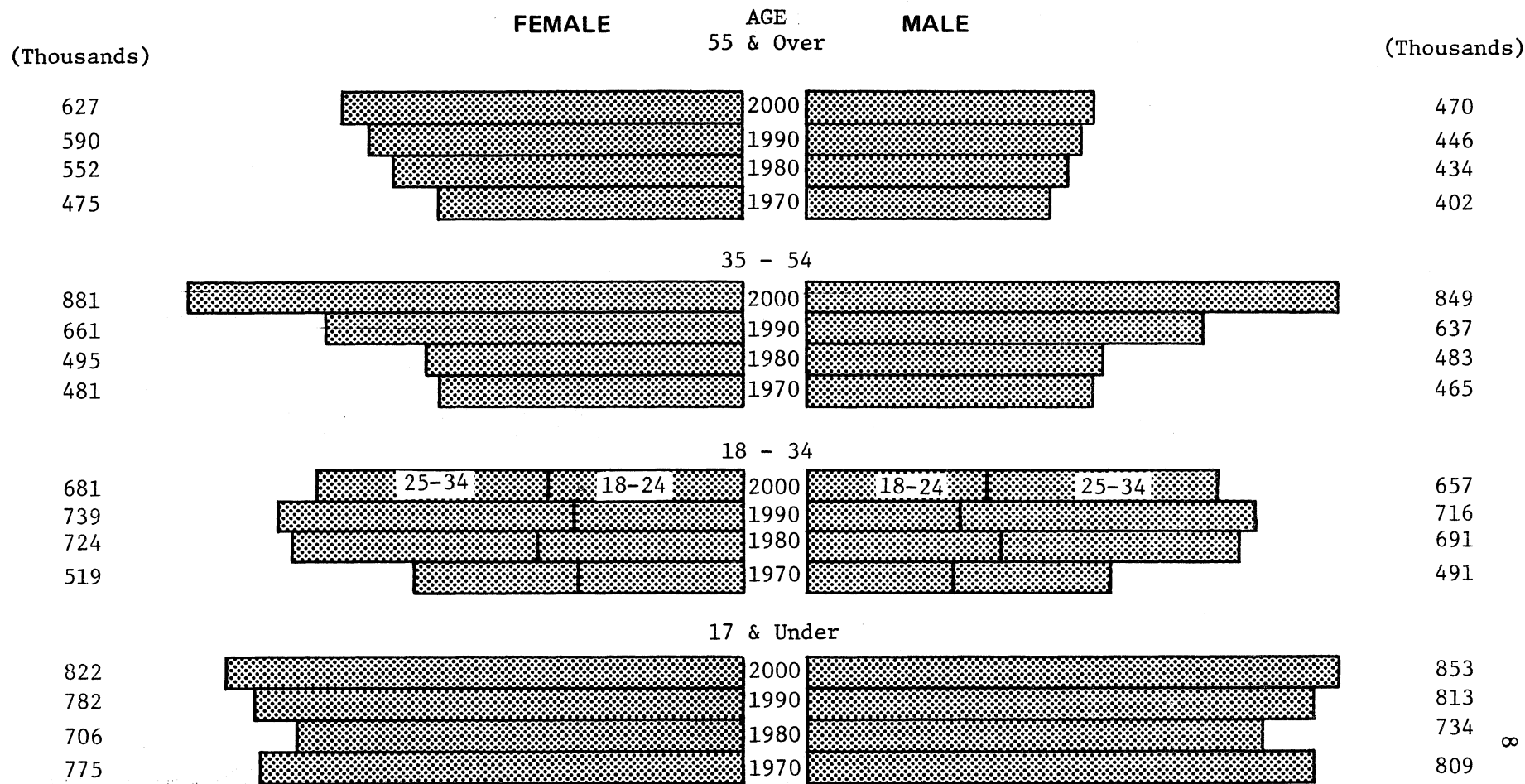
The projections shown in Graph 6 and Table 1 have been developed using the assumptions enumerated below. Continuing research will be needed to assess changes in higher education attendance patterns to assure that projections for the future are as accurate as possible. As new evidence and trends become available, these will need to be considered in the projection models.

6 Wisconsin Department of Administration, State Bureau of Program Management, Wisconsin Population Projections, Third Edition, June 1975.

7 Ibid.

Graph 4

WISCONSIN POPULATION ACCORDING TO AGE GROUPS \*  
1970 THROUGH 2000

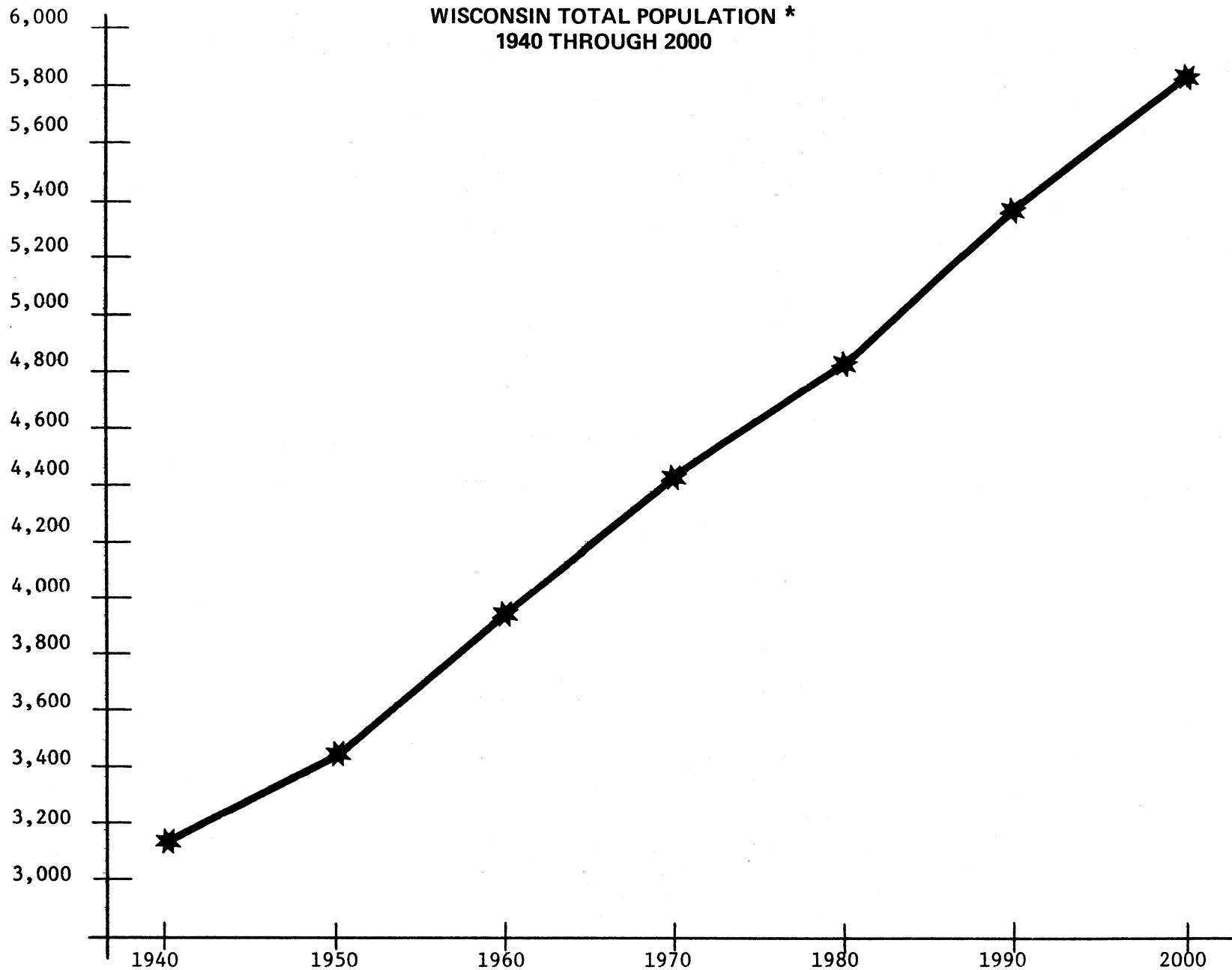


\* Projections assume replacement fertility level.

Graph 5

**WISCONSIN TOTAL POPULATION \*  
1940 THROUGH 2000**

(Thousands)



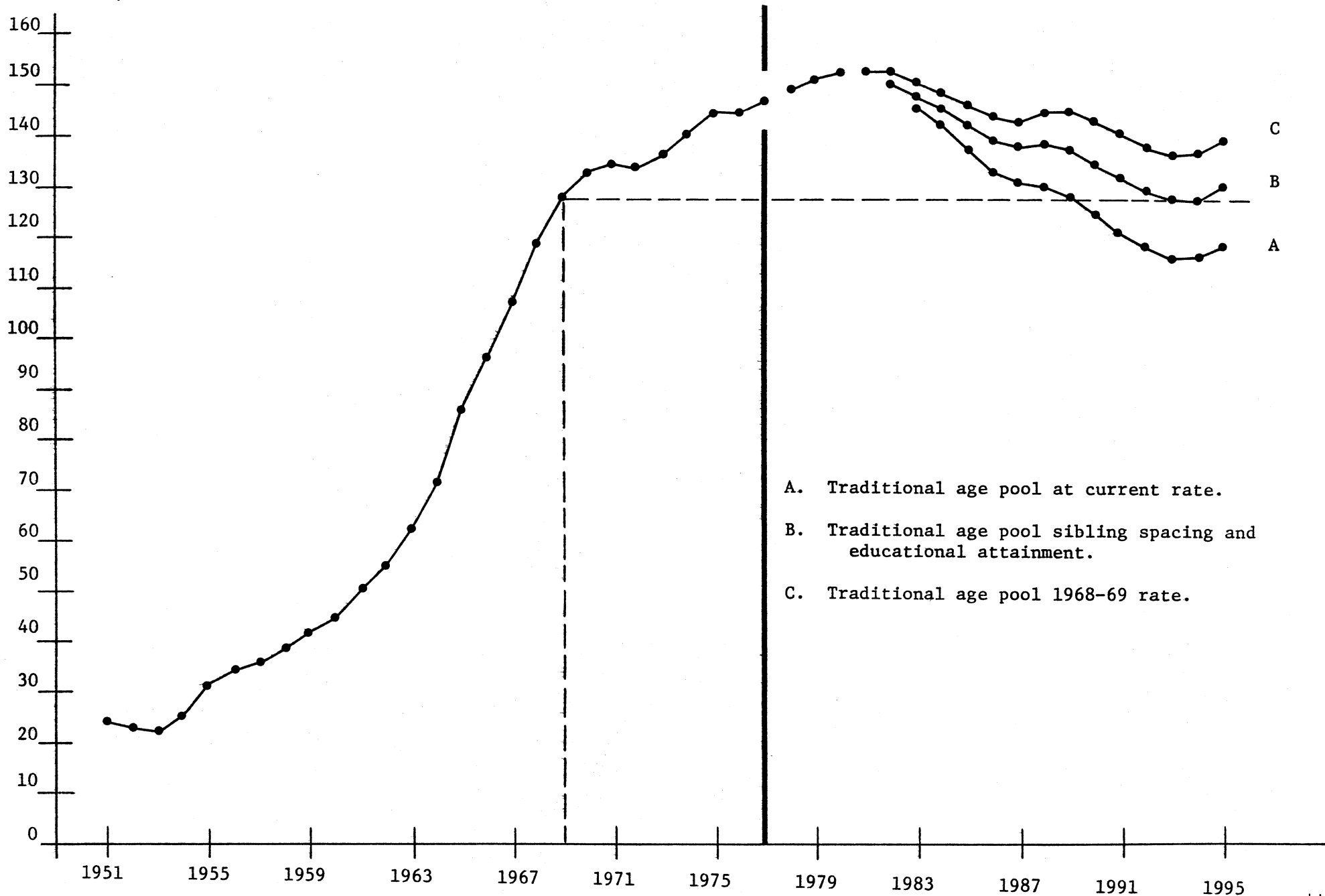
\* Assuming replacement fertility level.

1. It is assumed that decline in birth rates of the past decade and the concomitant increase in sibling spacing will result in a slight increase in the percentage of the traditional age group population attending the University of Wisconsin System.
2. Increasing levels of educational attainment by parents are assumed to result in an increased tendency of children to seek postsecondary educational opportunities.
3. The proportion of the national population enrolling as nonresidents in Wisconsin will not be substantially changed. However, the nonresident population could be substantially reduced if uncontrolled student costs are allowed.
4. The Minnesota-Wisconsin reciprocity compact will remain in place throughout the projection period.
5. Present access to diversity of degree credit opportunity represented by the institutions of the UW System will be maintained. Current institutions and program arrays will be continued except as new programs are developed as replacements.
6. Although it appears certain that student costs will increase, there is considerable uncertainty as to whether or not offsetting support will be provided in the form of financial aid, both from federal and state sources. Given this uncertainty, it is assumed that increases in tuition and fees will be ameliorated in such a manner as to not negatively impact on student access to the University System. If, however, student assistance in the form of financial aid is not forthcoming, increasing costs to students could have a severely depressing effect on the enrollments within the University of Wisconsin System.
7. The effects of present and expected future job markets are not sufficiently understood to warrant consideration in making the long-range enrollment projections.
8. The Vocational Technical and Adult Education schools will remain strong and continue to serve at least the current proportion of the population seeking postsecondary educational opportunities.
9. Private colleges and universities will continue to enroll the same percentage of the traditional age group seeking higher education as at present.

In order to reflect realistically the uncertainty of the projecting university enrollments, the top line of the projections shown in Graph 6 assumes that a combination of the above stated assumptions will result in a return to the percentage of the traditional college age group attending the University of Wisconsin System experienced in 1968-69. Conversely, the lower line assumes that other unanticipated factors will operate to nullify the increase in the percentage of the population enrolling in the University System expected as the result of increased sibling spacing and higher levels of educational attainment. The result of this assumed situation is a continuation of the current percent of the traditional age group enrolling in the University System. Data shown in the middle line represent the best judgment as to the expected enrollment levels during the period 1979 through 1995. This projection assumes some increase in participation rates by the traditional college going age group as a result of increased sibling spacing and parental education attainment levels.

UNIVERSITY OF WISCONSIN  
 ACTUAL AND PROJECTED TOTAL DEGREE CREDIT ENROLLMENTS  
 1951-1977 ACTUAL AND 1978-1995 PROJECTED

(Thousands)



- A. Traditional age pool at current rate.
- B. Traditional age pool sibling spacing and educational attainment.
- C. Traditional age pool 1968-69 rate.



Table 1

UNIVERSITY OF WISCONSIN SYSTEM-TOTAL  
1967-1977 ACTUAL AND 1978-1995 PROJECTED HEADCOUNT ENROLLMENTS

| <u>ACTUAL</u> |           |  |  |                      |  |  |
|---------------|-----------|--|--|----------------------|--|--|
| Fall          | Headcount |  |  | Full-Time-Equivalent |  |  |
| 1967          | 105,993   |  |  | 97,702               |  |  |
| 1968          | 118,239   |  |  | 108,882              |  |  |
| 1969          | 127,147   |  |  | 117,123              |  |  |
| 1970          | 132,088   |  |  | 121,128              |  |  |
| 1971          | 133,702   |  |  | 121,854              |  |  |
| 1972          | 133,303   |  |  | 119,221              |  |  |
| 1973          | 135,365   |  |  | 119,202              |  |  |
| 1974          | 139,891   |  |  | 120,822              |  |  |
| 1975          | 143,740   |  |  | 124,634              |  |  |
| 1976          | 143,440   |  |  | 123,599              |  |  |
| 1977          | 146,530   |  |  | 125,340              |  |  |

| <u>PROJECTED</u> |               |                |                |                      |                |                |
|------------------|---------------|----------------|----------------|----------------------|----------------|----------------|
| Fall             | Headcount     |                |                | Full-Time-Equivalent |                |                |
|                  | Trad-Constant | Sibling Effect | Trend Recovery | Trad-Constant        | Sibling Effect | Trend Recovery |
| 1978             | 148,600       | 148,600        | 148,600        | 127,200              | 127,200        | 127,200        |
| 1979             | 150,700       | 150,700        | 150,700        | 128,800              | 128,800        | 128,800        |
| 1980             | 151,900       | 151,900        | 151,900        | 129,700              | 129,700        | 129,700        |
| 1981             | 150,700       | 151,200        | 152,300        | 128,700              | 129,100        | 130,000        |
| 1982             | 149,000       | 150,100        | 151,900        | 127,100              | 127,900        | 129,600        |
| 1983             | 145,700       | 147,600        | 150,100        | 124,100              | 125,500        | 127,800        |
| 1984             | 141,700       | 144,900        | 148,100        | 120,300              | 122,800        | 125,900        |
| 1985             | 137,000       | 141,600        | 145,400        | 116,100              | 119,700        | 123,400        |
| 1986             | 132,700       | 138,600        | 143,000        | 112,200              | 116,900        | 121,200        |
| 1987             | 130,200       | 137,300        | 142,600        | 110,000              | 115,800        | 120,900        |
| 1988             | 129,600       | 137,800        | 144,400        | 109,600              | 116,200        | 122,600        |
| 1989             | 127,800       | 136,800        | 144,400        | 108,000              | 115,300        | 122,600        |
| 1990             | 124,000       | 133,800        | 141,900        | 104,400              | 112,400        | 120,100        |
| 1991             | 120,400       | 131,100        | 139,500        | 101,100              | 109,700        | 117,800        |
| 1992             | 117,400       | 128,600        | 137,100        | 98,500               | 107,600        | 115,900        |
| 1993             | 115,500       | 127,100        | 135,600        | 97,000               | 106,300        | 114,600        |
| 1994             | 115,600       | 127,300        | 135,900        | 97,000               | 106,400        | 114,900        |
| 1995             | 118,100       | 130,100        | 139,300        | 99,300               | 108,900        | 118,000        |

NOTE: Projections for the years 1978 through 1980 are those used in the 1978-79 Legislative Annual Review. Projections for these years are based on the "traditional age pool - constant rate" assumption.

- 1.H. An additional 100,000 citizens will seek educational experience through the outreach network by 1983.

This increase is documented in LR 3.3, III.A.

2. EDUCATIONAL ASSUMPTIONS

Specific System educational goals and objectives are presented in LR 3.0. Specifically, 2.A., 2.B., 2.C., 2.D., 2.E., 4.E., 6.C., 6.D., and 7.C, are explicit goals and objectives of the University System deriving from perceived educational assumptions about need. In addition to these System goals and objectives, the following are the general educational assumptions which constitute the context for planning for the future.

- 2.A. Economic benefits accrue to a society when its citizenry is well educated. Wisconsin, through its support of public higher education, contributes substantially to the cultivation of the human intellect, which is the state's most fundamental and valuable economic resource.

Wisconsin has long recognized the great potential for public good that is associated with educational attainment. By creation of knowledge through research, and by providing educational opportunities to a large portion of the population, the University System participates in the development of the general welfare of the state and its citizenry.

- 2.B. A statewide system of postsecondary education - including the University of Wisconsin System providing a network of associate, baccalaureate, graduate, and professional program opportunities, diverse educational opportunities provided by private colleges and universities, and a system of vocational, technical, and adult education schools - makes broad and diverse educational opportunities available to the citizens of the state.

Wisconsin has traditionally maintained a strong commitment to a network of diverse educational opportunities. The continuation of these educational opportunities will provide the citizens of the state access to a broad range of educational programs. Also, these broad educational opportunities will make available the skilled and professional manpower pool as well as an intellectually sophisticated citizenry for meeting the future needs of the state. The resources of each segment of the postsecondary education function should be strong and available to the citizens of the state.

- 2.C. Wisconsin's population includes a broad diversity of socio-economic groups. Equitable access to educational opportunities is a necessary prerequisite to the social, cultural, and economic well-being of the state and its citizens.

Educational opportunity has traditionally been afforded a high priority by the citizens of the state. Participation by women and minority groups is increasing. Student financial assistance is aimed at removing the financial barriers to low-income students. Equity of educational opportunities will continue to be the expectation of the residents of the state. The University of Wisconsin System is the resource available to those seeking publicly supported higher educational programs.

### 3. SOCIETAL ASSUMPTIONS

A diverse society which is politically open, industrially advanced, technologically complex and is both experiencing and anticipating rapid socioeconomic change will need to place increasing reliance upon the educational skills, mental flexibility, and creative imagination of its citizens. Wisconsin has always placed a high value on access to higher educational opportunities for its citizens. As the University System plots its course for 1979-83 and beyond, it will need to be responsive to the changing needs of its various populations.

#### 3.A. The number of minority students seeking access to higher education will increase during the 1978-79 through 1982-83 period.

The number of minority citizens seeking higher education has risen substantially in recent years. For example, in 1970, 8.3 percent of the nation's black population between the ages of 16-34 were enrolled in a college or university. By 1974 that percentage had risen to 14.11 percent. In Fall 1977, 6,147 of the UW System's 146,530 student population were members of a minority group. This constituted 4.2 percent of the total UW student population of all ages and exceeded the minority group representation in Wisconsin's total population. By 1982, the UW System will attempt to achieve a minority student population of 9,000 at all academic levels (undergraduate, graduate and professional). Further, in 1982, the UW System anticipates awarding between 800 and 1,000 baccalaureate degrees to members of minority groups.

#### 3.B. A larger number and proportion of the population age 25 and older will seek access to higher education.

Recent national studies indicate that the number of older students enrolling in colleges and universities is continuing to increase. In 1970, 10.7 percent of the population age 25 through 34 was enrolled in higher education. The percent of this same age group enrolled in colleges and universities was 15.9 percent in 1975-76. The increase of older black students enrolled in higher education was more dramatic, increasing from 6.4 percent of the black population in 1970-71 to 15.4 percent in 1975-76.

#### 3.C. The demand for part-time study opportunities is expected to increase during the next decade.

Part-time students represented 25 percent of the total degree-credit enrollment in the University System Fall term 1977-78, an increase from 21 percent of the total enrollment in 1972-73. In 1976-77, nearly one million people enrolled in some aspect of the University System's extension activities. It is expected that an additional 100,000 persons will seek educational opportunities through outreach activities by 1982-83. Nationally, about 17 million persons were enrolled in adult education programs in 1975 compared to 13 million enrolled in 1969.

8. U.S. Department of Commerce, Bureau of the Census, Social Indicators 1976, Washington, D.C., December 1977.

9. Ibid

3.D. Recertification and retraining are increasing needs of the state and national workforce.

An increasing number of professionals at various levels are seeking retraining because of changes in job qualifications and changes in manpower needs. Also, additional education for a substantial segment of the workforce will be required by state legislation aimed at relicensure, and by professional associations mandating continuing education to keep their members abreast of current knowledge and technologies. This phenomenon will increase and require greater effort from higher education.

3.E. Changes in student interest and employment opportunities are resulting in a shift in curricular emphases toward the health fields and other service related curricula.

Employment opportunities are increasing in the service sector and the health professions. Enrollment pressures in the health fields have risen dramatically. The percent of the national workforce employed as professional, technical, and kindred workers has increased from 11.4 percent of the employed persons in 1960 to 15.0 percent in 1975.<sup>10</sup>

3.F. An increasing number of students will decide to interrupt their education before completing degrees; thus there will be a move from "dropouts" to "planned outs".

Because an increasing number of students see education as a continuum which will peak for different persons at different times and in varying cycles throughout their lives, interspersing work and travel with independent, part-time and resident study will become a more prominent pattern in higher education.

3.G. The educational needs and special requirements of the handicapped will require new and changed services, as well as modifications of physical facilities.

Federal legislation and an awareness by our society generally are requiring that more attention be given to the special needs of handicapped persons. In those instances where special instructional aids and services are required, these, too, will need to be provided by the institutions of the University System. This means that the University System must place a high priority on physical access to educational facilities by handicapped individuals.

3.H. There will be an increasing demand for college degree opportunities to be made available in geographically disperse areas requiring more individualized and flexible instruction.

Increasing numbers of students are enrolling in extended degree programs. Through the use of individualized programs, learning contracts, self-paced instruction, independent study, examination of work and life experience, internships and more effective assessment procedures, persons unable to attend on

campus due to job, family or geographic circumstances are able to pursue a degree program elsewhere. Wisconsin recently initiated the planning of extended degree programs to serve the needs of many citizens. Recent surveys conducted as part of the planning for the extended degree indicate that in Wisconsin there are about 10,000 persons with two years or less of college education who could participate in extended degree programs.

E.I. The knowledge needed to provide societal insights to complex problems is becoming increasingly critical to the well-being of America in the last quarter of the twentieth century.

The complexity, multiplicity, and interactive nature of current problems and the potential severity of their impact upon the society make this a vital area of concern. In consequence, creative solutions, new technological innovations and sensitivity to affected populations are stimulating a rapid growth in the social demand for knowledge workers. In addition to increased scholarly activity in applied and basic research, the "knowledge explosion" requires that new efforts be directed toward the rapid dissemination of research results to affected persons and groups. Further, the knowledge explosion will continually threaten to overtake the technical capability and scientific understanding of knowledge workers in both the private and public sectors of the society. For these persons, life-long learning, be it credit or non-credit, is becoming a way of life.

#### 4. ECONOMIC ASSUMPTIONS

Although several characteristics of the national and state economies have successfully eluded economic forecasters in the mid- and late-1970's, it is necessary to make a best effort to identify those variables which will impact most directly upon planning in the University System. These assumptions are intended to identify as nearly as possible the reality of the economic environment in the years immediately ahead.

4.A. The period 1979-83 will be marked by relative economic stability, slow growth, and continuing inflation.

Nationally, the rate of inflation is expected to continue in the 6 percent to 9 percent range during this planning period. The unemployment rate is expected to remain between five and six percent of the workforce in the U.S. as a whole, with Wisconsin below this by up to a full point. Real economic growth is expected to be slow throughout the period - in the range of three to four percent.

4.B. Even though growth in state tax collections may continue, other new and competing uses for tax dollars are emerging.

In addition to property tax relief, environmental quality standards attainment will require additional state general purpose revenues. Demands by local governments will increase. It is anticipated that state government will share in this cost although the extent of this participation is as yet unknown.

4.C. Funding support from the private sector is expected to level off and perhaps will decline slightly.

Many of the private foundations have been forced to reduce their budgets available to higher education in the past few years. Since the major foundations, such as the Ford Foundation, have been the primary source of project related funding in the past several years, funds available for innovation and experimental programming will remain highly competitive and may decline slightly.

4.D. Federal support for higher education may improve somewhat during the next several years.

Currently a renewed concern for funding research in higher education is developing at the national level. It is expected that funding for access to higher education of students from low and middle income families in some form will receive a high priority by the federal government. Increases in research support would mean expanding the support for graduate students. The combination of these two expected federal efforts will be aimed at meeting federal needs and promoting equity of educational opportunity.

4.E. While the exact level of inflation over this period is uncertain, it is clear that there are some goods that will continue to increase in price at a rate in excess of the inflation rate.

It is expected that energy costs will continue to increase much faster than the rate of general price inflation. There appears little likelihood that the unprecedented increases in library material prices and some other consumables will slow substantially.

4.F. As enrollments peak and begin to decline in the early 1980's, unit costs per student will escalate more rapidly than the general price level.

Declining enrollments will mean that a smaller number of students will bear the burden of substantial fixed costs. This will result in increased average costs per student. Further, the continuation of current or increased inflation rates will serve to increase the fixed costs which must be borne by students. The combination of unavoidable fixed costs and continuing inflation means that unit costs per student will escalate more rapidly than the general level of inflation. If offsetting financial assistance is not available to students as costs increase, the number of students enrolling in the University System can be expected to decline substantially.

4.G. Lack of adequate financial aid resources to serve the low and middle income groups and the part- (less than half-) time and nontraditional student will remain a problem.

Increasing costs to students and the regressive effect of taxes and inflation on the low and middle income families are increasing the burden of providing for higher education for their children. Students from middle income families are not eligible for financial assistance under current policies. Also presently excluded from financial assistance are part-time students enrolled for less than half a full-time credit load. Continuing efforts will be needed to remove the financial barriers to access to the University System for these groups of students.

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L.R. 3.2 - ACADEMIC PLANNING PRINCIPLES, 1979-83

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PREFACE

This paper builds upon and adds specificity to those System goals stated in L.R. 3.0 which relate to the academic goals of the System and the institutions. In particular, L.R. 3.2 elaborates the goals stated in sections 1, 2, 3, 5, and 6, dealing with the topics of quality, access, coordination, diversity in the context of statewide planning, and environment. The goals of cost control and accountability stated in sections 4 and 7 of L.R. 3.0 are also implicit here, but are addressed with specificity in L.R. 3.4, FISCAL MANAGEMENT PLANNING PRINCIPLES.

There is some redundancy of theme in the planning principles stated in L.R. 3.2, L.R. 3.3, and L.R. 3.4. This reflects the extent to which the institutions and the System have succeeded in integrating their academic and fiscal planning, as well as degree credit and continuing education goals.

This paper augments, but does not replace, three earlier statements on academic planning, ACPS 1, 2, and 3. It also reflects progress in the implementation of many of the principles stated in the earlier ACPS papers, and references earlier papers establishing these planning principles. L.R. 3.2 focuses attention on the principles which will guide further maturation of planning in the four years ahead.

This paper contains discussions of planning matters in the following order:

- I. ACADEMIC PLANNING PRINCIPLES: General
  - A. Quality in services
  - B. Quality in environment
  - C. Interrelatedness of activities
  - D. Access
  - E. Liberal Education
  - F. Quality of Undergraduate Education
  - G. Quality of Graduate Programs
  - H. Shared governance
  - I. Academic freedom
  - J. Communication and responsiveness
- II. INSTRUCTIONAL PROGRAM PLANNING PRINCIPLES
  - A. Program quality and mission compatibility
  - B. Core and select missions
  - C. Societal need
  - D. Access and transfer
  - E. Academic planning capability
- III. ACADEMIC/STUDENT SUPPORT PLANNING PRINCIPLES
  - A. Admission, advising, counseling
  - B. Quality of teaching/learning environment
- IV. COOPERATIVE PLANNING PRINCIPLES
  - A. Interinstitutional cooperation
  - B. Cooperation with other agencies

## INTRODUCTION

The planning principles in L.R. 3.2 seek to capture, restate, and give more specific focus to certain themes which have emerged in earlier planning documents of the System. These earlier papers date back to the report to the Board of Regents entitled Retrospect and Prospect, May, 1973, and the themes which were provided with extensive amplification in the SCOPE report of the Board of Regents to Wisconsin state government in May, 1975, and the several volumes of analytical studies and position statements underlying that report.

These planning principles also have as an important source the academic planning activities and initiatives of the several institutions of the System. The 1973 statement, Retrospect and Prospect, observed that effective academic planning was necessarily a primary responsibility of the faculties of the several institutions. The institutional responsibility is one which the Regents and the System can encourage and facilitate, and which must encompass and be consistent with Regental and System responsibilities for statewide planning and coordination. But the institutional responsibility cannot be effectively assumed or replaced by "planning from above." L.R. 3.2 seeks to remain faithful to this perspective, emphasizing repeatedly the integration of institutional and System principles which will best serve the public good.

The major themes which emerge in the statement of principles are these:

1. Quality. The historic strength of Wisconsin's public higher education institutions was obtained from their commitment to excellence. An important standard for judging the productivity of universities is their ability to enrich the lives of students, citizens, and their society. The Regents and the institutions have recognized the centrality of quality, and the search for ways to maintain and enhance quality will be a central planning theme in the years immediately ahead.
2. Access. Emphasis will be placed on finding better ways of responding to the educational needs and aspirations of populations and agencies which through limitations on resources or imperfect foresight have been underserved or unserved.
3. Differentiation of Mission. System institutions can provide Wisconsin's citizens with the widest range of higher educational opportunity through selective institutional specialization in programs which can be most efficiently provided in one or a few locations because of high cost and limited student demand or societal need.
4. Cooperation. Program strength can be improved and planned mission differentiation accomplished among institutions when they seek ways to share resources and build complementary rather than competitive strengths.
5. Interrelatedness. The joint products of the university community are teaching, research/scholarly activity, and public service. Excellence in one dimension cannot be long sustained without the search for excellence in each.



I. ACADEMIC PLANNING PRINCIPLES: General

- I.A. To maintain and augment the highest possible quality in the teaching, service, and research/scholarly activities programs of the several institutions of the UW System.

Universities have a primary responsibility to society to maintain, expand, and disseminate the knowledge base and add to the wisdom of members of that society. This mission necessarily makes the work of the university "quality intensive." The most significant indicator of the productivity of a scholarly community is the quality of its efforts.

In the three decades from 1940-70, universities faced the problem of sustaining quality while coping with a constantly expanding demand for services. The decade of the 1970's brought erratic but still expanding pressures for service, and simultaneous declines in the purchasing power of budgets. The environment for sustaining quality has been much less than optimal. The need for sustaining and advancing quality continues to grow.

Demographic data suggest that the decade of the 1980's will bring: (a) somewhat reduced demand for university services from traditional resident student populations as the 18-22 age cohort decreases; (b) increased demand for on-campus and off-campus services from the expanding adult population (see L.R. 3.1; 3.3); and (c) increased demand for the products of high quality basic and applied research. This outlook demands that the institutions seek, direct, and focus resources on qualitative improvements in every principal dimension of university activity.

- I.B. To develop institutional environments and practices most likely to maintain and enhance the quality of the faculties of the several institutions.

The quality of university outputs can be no greater than the quality of its faculty. To maintain and enhance the quality of faculty, the System and the institutions should seek: (a) to secure equitable economic recognition by state government of the contributions of the faculty; (b) to maintain and further develop the peer review system of faculty evaluation, with attention to rewarding excellence in teaching, in public service, in professional service, and in research, scholarly, or artistic achievements. The faculties should build upon the current methods for evaluating the quality of teaching, including the use of student evaluation of instruction as one dimension of information to be considered.

Faculties should be encouraged to maintain their excellence through scholarly activities and research which are integral to the support of high quality educational programs at both the undergraduate and graduate levels.

The System and the institutions should give high priority to seeking resources to expand faculty development programs designed to maintain the vitality of existing faculties, to ensure continual enhancement of instructional and public service programs, and to support research/scholarly activity.

- I.C. To emphasize the essential interrelatedness of teaching, public service, and research/scholarly activity programs, and to reflect these interrelationships in allocations of resources.

The essential mission of all institutions of higher learning can be achieved only by faculty who are both scholars and teachers. The quality of instructional programs, through time, can be maintained only by faculty who are themselves continuing students and critics of the disciplines and professions which provide the content of their instruction and public service. This does not mean that each faculty member will, can, or should contribute equally in each dimension. Nor does it mean that each institution should establish the same priorities for its teaching, public service, and research/scholarly activities programs. It does mean that excellence in teaching, public service, and scholarship are mutually reinforcing dimensions of the work of universities and that a failure to sustain appropriate attention to each will, through time, diminish the quality of all. It is expected that each institution of the UW System will place emphasis on an appropriate balance of these related activities to ensure high quality in its instructional programs.

- I.D. To expand access to the resources of the institutions of the UW System for persons who wish and could benefit from such access, particularly those for whom substantial barriers to access now exist.

A salient demographic fact is that adult populations are expanding and that their desire for continuing opportunity for personal intellectual and cultural growth is also expanding. Professional renewal and the technical assistance available from university resources for coping with an increasing range of economic, environmental, societal, and personal problems should be made more accessible to them through appropriate year round delivery systems.

Recognition needs to be given to the public good attained through increasing the opportunities of adults for lifelong learning. Since the interests of society as well as individuals are served through expanded outreach, particular attention should be given to implementing the arrangements referenced in L.R. 3.3 in arriving at the appropriate level of state funding with proper weighing of the public benefits to be obtained on the one hand and the clientele responsibility to pay on the other.

In the next four years, every effort should be made to expand the statewide network of extended undergraduate degrees offered by the institutions so that persons with diminished access to degree opportunities by reason of their family or work obligations, geographic area, prior educational deprivation, institutionalization, or health can realize their educational goals. Studies of the full range of barriers to higher education studies/degrees for adults should be completed, and the institutions encouraged to facilitate curricular and scheduling responses when fiscally feasible.

The Regent goals of reducing barriers experienced by reason of race, ethnic heritage, sex or age require expanded attention, with particular

emphasis on the quality of support services, the competencies prerequisite to higher learning, such as basic skills and remedial instruction, and the competencies and knowledge which should characterize the liberally educated citizen.

In this context, expanded effort is needed to overcome any deficiencies in basic communication, and in analytical and learning skills which may stand as a barrier to continuing, lifelong learning.

The UW System continues its commitment to providing services designed to support the educationally disadvantaged student in overcoming academic deficiencies, in meeting educational needs, and in succeeding in academic degree programs. This effort must be expanded to reach all students who seek a university level education and can benefit from that opportunity.

I.E. To provide for all students, regardless of their area of disciplinary or occupational specialization, a liberal education suitable to the needs of all citizens seeking expanded capacity for lifelong learning, for understanding of self, society, and their physical environment, and for sustaining and advancing the shared values of humankind.

The search for quality in instruction, research, and public service is incomplete without addressing the question of which learning has the most worth. The institutions and the System should give particular attention to the common goals of all higher learning. Efforts to respond to the varied and differing needs and purposes of students and society must be matched by balancing attention to the needs and goals common to all. These latter goals involve development, through liberal education, of intellectual skills, capacity for learning, versatility to meet changing situations, and understanding and appreciation of our cultural and environmental heritage.

The faculties of the several institutions should give continuing and vigorous attention to defining the skills and understandings which should be sought for all students achieving a degree, regardless of their area of specialization. They should give equally vigorous attention to the curricular and instructional arrangements which will make it possible to achieve such goals and standards. Invigoration of effective liberal education should be a common and high priority goal for all institutions.

I.F. To encourage the highest possible quality of undergraduate education.

The UW System Board of Regents has specifically affirmed that excellence in undergraduate teaching is a high priority goal of the System. A major objective of the System's planning effort will be the development of procedures to insure that evaluation of teaching and recognition of teaching effectiveness will be a part of the reward system of the university; that allocation of faculty resources which recognizes the importance of undergraduate teaching and academic advising will be continued; that faculty support resources will be made available in such a way as to encourage the improvement of undergraduate teaching; and that the best means for measuring teaching effectiveness will be pursued.

The faculties should recognize colleagues for effective undergraduate teaching and advising, and encourage the preparation of new materials, the improvement of instructional methods, the sharing of resources, and the active creation of knowledge in the disciplines. To meet the needs of changing careers and aspirations, students should be provided with relevant, liberal and avocational educational opportunity.

In support of decisions about faculty promotion, retention, tenure, and merit salary increases, the faculties should provide for periodic evaluation of instruction and teaching and for assessment of contribution to the disciplines. Student evaluations of teaching effectiveness should be used in addition to peer judgments to improve instruction and to support personnel decisions.

I.G. To ensure high quality in graduate programs and related research/scholarly activity that is related to both graduate and undergraduate teaching.

Graduate teaching and scholarly activity are closely related to quality undergraduate teaching. Commitment to these activities, compatible with the mission of each institution, is a part of the overall goal of excellence in instruction.

The institutions of the UW System, within their respective missions, should continue to search for basic knowledge, seek application of this knowledge, and transfer the results of this process to educating students at all levels in the basic understanding of the world and the solution of problems facing society.

Research/scholarly activity is the province of all sectors of the university community since gathering, organizing, and disseminating information and teaching others how to perform capably in these pursuits is the primary mission of the teacher. Constant effort is needed to insure a flow of research-trained persons who are fully qualified in the many areas of need in the state and nation. These professional activities are essential to maintaining a high quality faculty and an instructional curriculum which is relevant to the current needs of the student and society.

Each institution will seek to provide sufficient access to libraries, learning resources, laboratories and equipment to facilitate research and scholarly activity by the faculties of the institutions. Appropriate state and extramural support and appropriate teaching loads for the conduct of these activities will be sought.

The results of research and scholarly activity should be included in decisions on faculty promotions, tenure, and merit salary increases.

I.H. To maintain and develop decision processes which enhance shared governance in ways consistent with a commitment to institutional diversity, decentralization, and distributed responsibility.

In the development or modification of policies and decision-making procedures, maximum attention should be given to placing primary responsibility

for decisions with the person or body primarily responsible for their implementation. Existing systemwide policies and guidelines should be reexamined regularly for their consistency with the principles of decentralization and institutional diversity. Communication processes should be examined regularly and modified as needed to enhance the most effective flow of reliable information among the institutions and between each of them, their publics, and System Administration. Full participation in the governance of the institutions is shared among faculty, the Chancellors, the President and the Regents in ways specified in state law, and implemented through policies and rules of the Regents and policies and procedures developed by the faculty and administration of each institution. Students also are guaranteed in state law, subject to the powers and responsibilities of the Board, the President, the Chancellors, and the faculty, active participation in governance and policy development, with primary responsibilities in areas of student life, services and interests and the disposition of student fees for campus student activities. Further, under Regent rules and institutional policies and procedures, the academic staff participate in the formulation of policies affecting their employment and interests. The System Administration consults with faculty and students through the Chancellors to ensure continuing and formal consultation on issues relating to their respective areas of primary responsibility as prescribed in Chapter 36 of the statutes.

- I.I. To reinforce the traditional Wisconsin commitment to academic freedom and the processes of scholarly inquiry, and thereby cultivate enthusiasm for learning.

A unique contribution of universities to society flows from their ability to maintain the freedom of scholars to proceed with their studies and to disseminate their findings without reservation. The true university serves society not only through expanding the competence of its citizens and professionals, but also by fostering that continuing reexamination of values and assumptions which enhances the quality of life. Freedom of inquiry for teachers and students is a public good which is central to the UW System.

Faculty members are expected to be competent in their discipline, responsible in their evaluation and presentation of controverted issues and conflicting views, and committed to teaching the bases, theories, issues, methods, and policy implications of their discipline to their students. As scholars, they must be protected in their freedom to teach and carry out research in their disciplines. As citizens, they must be free from institutional limitations in the exercise of citizen rights of thought and expression, while mindful of the special position of the scholar in the community, and the special obligation this entails for "accuracy, appropriate restraint, and respect for the opinions of others."<sup>1</sup>

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1. This language is taken from the 1940 Statement of Principles on Academic Freedom and Tenure endorsed by the A.A.U.P. and a wide range of university and governing board associations, and professional societies.

In addition to maintaining expert knowledge of their disciplines and dedication to free, intellectual inquiry, faculty members are expected to cultivate enthusiasm for learning among their students. Citizens, as well, should be stimulated to raise important, significant questions and to seek help from the university in answering these questions. The university should in every way, be it through consultation, classroom study, or independent study, aid citizens in exploring the frontiers of knowledge. Such studies may be designed to assist individuals or groups in resolving problems, creating new opportunities, or enhancing knowledge in an area of particular interest.

- I.J. To maintain and enhance those program arrangements and channels of communication of the UW System with its many constituencies to the end that the System continues to be as responsive to societal needs as it is responsible for academic excellence.

Each institution of the UW System throughout its history has interacted with agencies and constituencies from outside the institution in the interest of gaining objective advice and counsel. Many benefits have emerged from these exchanges with the university community of scholars. These linkages between the public universities and the university publics must be continued and enhanced in every way practicable.

## II. INSTRUCTIONAL PROGRAM PLANNING PRINCIPLES

- II.A. To maintain academic program quality and mission compatibility through continuous evaluation of existing programs as an integral part of long-range academic planning.

The primary responsibility for review and evaluation of academic programs is delegated to the institutions of the System. Each institution has in place procedures for examining program direction and quality and for implementing recommendations approved by the faculty. In addition, and as an aid to the institutional review process, the System encourages the use of uniform review criteria with careful thought to using limited resources to meet student interests and societal needs. When necessary, the System and the institutions may carry out a limited number of Systemwide audits or studies of specific program areas. These serve particularly to establish decision criteria and recommendations in particular areas of program development, and to examine and develop possible responses to possible problems of excessive program capacity or unnecessary program replication.

- II.B. To maintain a core and select mission for each institution which specifies its special academic program thrust and at the same time differentiates it from other System institutions.

Academic program planning, review, and evaluation must be consistent with the individual and collective missions of the institutions of the UW System. This is accomplished through Systemwide procedures for assuring the compatibility of institutional goals with institutional missions, for planning new programs consistent with procedures outlined in the entitlement to plan policy statement (see ACPS 1.1), for approval of program changes and implementation of new programs through the processes established in the Academic Information Series (see ACIS-1), and for audit and review of existing programs to ensure that resources are being expended on programs with mission centrality (see ACIS-4). The established mission statements are subject to modification by the Regents as the environment for higher education adjusts to changing enrollments, student demands, societal needs, and the level of state commitment of resources.

- II.C. To be responsive to societal needs through broad geographic distribution of diverse and flexible educational opportunities and services while making adjustments to reflect changing enrollment patterns and new student interests.

The UW System seeks to ensure all of the benefits of access, regional service, urban service and enhancement of knowledge transmission to all of the citizens of Wisconsin consistent with the ability of the state to commit resources to public higher education. Superimposed upon this goal is the requirement of maintaining quality higher educational opportunity at all institutions. The System has carefully examined the issue of closing institutions and found that significant savings can be achieved only with an intentional reduction of access and service to the citizens of the state (see SCOPE Report). Local and regional institutions are not only essential in bringing educational opportunity to persons in all areas of the state but also enhance the social, economic and cultural quality of their geographic areas.

Current patterns of regional service joined to long-range forecasts of demographic trends support the view that Wisconsin needs its current array of institutions to fulfill its higher educational and societal goals. Permitting institutional capability to deteriorate as a response to short-range shifts in demand for specific, selected services would be economically and educationally unwise.

- II.D. To maintain mechanisms which provide equitable entrance level access to and transfer opportunities among the institutions of the UW System.

The Board of Regents has set minimum standards for admission to all institutions. Prospective students are to be provided with complete information on entrance requirements and adequate advance notice of any changes expected in these requirements, information on housing and financial aids availability, and academic program guidance and career information.

An undergraduate transfer policy has been adopted by the Regents which details admission standards for transfer students, accreditation requirements for institutions from which credit is to be transferred, numbers of credits transferrable, and rules for acceptance of credits from VTAE, CLEP, and other sources. A "spirit of accommodation" in acceptance of liberal arts credits is an important feature of this policy.

- II.E. To develop an integrated academic planning capability for the System which takes into account planning intentions and priorities for high-quality teaching and scholarship, the need for diverse academic programs leading to careers and lifelong learning, and the inclusion of institutional, cluster, and System review of decisions concerning academic planning.

System policy documents provide the necessary guidelines for establishing planning intentions and priorities, review policies, review processes and criteria, and the required levels of approval. These guidelines point to

establishing and maintaining academic programs that flow from quality teaching and scholarship in the basic arts, humanities, and sciences. Additionally, programs include preparation of students for the professions and avocations, taking into consideration the availability of faculty and support resources at each institution and the distribution of programs throughout the state. Duplication may be provided where the proposed new academic program meets the most rigorous tests of quality, need, access, and regional service. Where possible, neighboring institutions are encouraged to forge links and compacts to bring their individual and collective strengths to bear on program areas of mutual interest and mission.

New program intentions are linked to existing program reviews. Limited resources require that institutions should first seek funds for new programs from the base support they provide existing programs. Base reallocation should be carried out on the basis of how new and old programs relate to the institution's mission and the total academic program efforts of the System, contribute to enhancement of institutional academic quality, provide for societal need, and meet student demand. The costs and the benefits must be judged according to standards derived within these general categories.

Of particular interest are periodic reviews undertaken by the institutions, or the System, of programs whose claims to resources are high and whose benefits may not be consistent with the goals of the institutions or System. Continuous attention will be given to the harmonious adjustment of available resources, to the needs of individuals and society.

In a limited range of specific professional programs, serving well-defined progressions with required "certification for practice" procedures, projections of societal manpower needs become an important criterion controlling the size and distribution of programs. For the greater generality of occupations served by persons holding university degrees, manpower projections are an inherently weak and potentially destructive planning perspective, continually at odds with the higher value American society places on freedom of choice for individuals, and with the established impossibility of predicting the impact of rapid change on occupational and vocational needs (see ACPS-2).

### III. ACADEMIC/STUDENT SUPPORT PLANNING PRINCIPLES

#### III.A. To maintain and improve the quality of support services to students in areas of admissions, advising, counseling, and career selection.

Besides completion of an academic program providing greater knowledge and enhanced personal growth, students enter universities to develop professional competence in careers of their choice. Regents' policy encourages intelligent career selection. The departments, colleges, and universities of the System must provide their students with the best information possible on educational opportunities, the job market, and the possible expansion of opportunity within the several professions. Thus a full range of advisory and counseling services is available at all institutions.



In addition, the System supports the Higher Education Location Program (HELP) which provides students with toll-free telephone access to information on all academic programs available within the System and links them to appropriate persons at the universities for individual counseling on admissions procedures, academic degree and major requirements, financial aids, and problems of a personal nature.

III.B. To maintain the quality of the teaching/learning environment for faculty, students, and staff and provide optimal use of learning resources such as libraries, media services, and computers.

Since the academic enterprise requires an environment conducive to study and reflection, it is necessary that faculty and students receive quality work and study accommodations, and have available learning resources and appropriately equipped laboratories and classrooms. Faculty should be provided with scholarly resources that enable them to improve teaching skills, course materials, and testing procedures. Such resources should include time available for periodic scholarly renewal, as well as materials appropriate for supporting research and study in a faculty member's field of primary preparation.

In addition, the System should facilitate arrangements leading to cooperation and interinstitutional sharing of resources, ideas, and commitments.

Periodically, library and mediated learning resources should be examined for their continuing relevance to the learning environment at each institution. Development of new efficiencies in purchasing, circulating, and storing print and non-print materials should be sought.

Education in today's world is also enhanced by the use of sophisticated computational equipment. Computer programs should be developed and applied to systems of management, engineering, and science, and to the analysis of data from research problems too complex for manipulation without this technology. Institutions should share consultative services designed to increase the access of faculties and students to campus-based computing services.

IV. COOPERATIVE PLANNING PRINCIPLES

IV.A. To encourage cooperative efforts among institutions of the System in order to increase educational opportunity and better utilize existing resources.

A number of actions have been taken Systemwide to facilitate cooperation among the institutions of the UW System. Among the most notable in-state efforts are the establishment of the West Central Wisconsin Consortium and the Urban Corridor Consortium of appropriate institutions. These consortia have served as a medium through which cooperation on common needs has been accomplished, priorities for new programs have been established, and free interchange of ideas has taken place.

To facilitate and encourage opportunities for cooperative efforts within the System, a set of general guidelines has been established which specifies the locus of operational, administrative, and policy authority among the participants in such cooperative ventures.

One example of cooperative effort in the System has been in the area of agriculture and natural resources where four institutions are working together to develop uniform procedures to evaluate credit equivalency and establish a suitable array of agriculture and natural resources courses as general studies alternatives to arts and science courses. Another example of extensive cooperation has been between UW-Extension and the UW Center System in providing a variety and broad geographic distribution of outreach programs to the citizens of the state.

IV.B. To encourage cooperation with other educational systems and state agencies.

Cooperation and coordination with other educational systems has offered significant educational benefits: The Wisconsin-Minnesota Compact has established an important basis for institutional cooperation between the two states; the Michigan-Wisconsin border agreements pertaining to program and student residency status at UW Center-Marinette and UW-Green Bay facilitate interstate student flow while reducing program redundancy; the participation of UW-Superior in the Lake Superior Association of Colleges and Universities, and in the Twin Ports consortial activity involving the College of St. Scholastica and the University of Minnesota-Duluth, has significant potential for the future of higher educational opportunity in northwestern Wisconsin.

Integration of planning effort with Wisconsin agencies having involvement in educational policy formulation has been improved. Among those units and agencies of state government with which an increased level of interaction has been beneficial are: Wisconsin Board of Vocational, Technical and Adult Education; The Legislative Council; Educational Communications Board; the Higher Educational Aids Board; the State Manpower Council; the State Agencies Committee on Environmental Education; and the Department of Agriculture, Trade, and Consumer Protection.

Other agencies with whom continued or expanded cooperative efforts are desirable include the Department of Public Instruction and the school districts, Public Service Commission, and such other state agencies as the Departments of Natural Resources, Transportation, Revenue, Business Development, Local Affairs and Development, Health and Social Services, and Administration.

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L.R. 3.4 - FISCAL MANAGEMENT PLANNING PRINCIPLES, 1979-83

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1. BACKGROUND AND INTRODUCTION

This document applies to budget planning, implementation, and control for individual institutions and at the System level for 1978-79 through 1982-83, the base year and two biennia. The principles have been formulated in accordance with state and federal law and established policies of the Board of Regents.

General planning guidance for fiscal management is outlined in Long Range Academic/Fiscal Planning Paper 3.0, Planning Goals for the UW System, 1979-83. This document is an elaboration on L.R. 3.0's statement of planning principles related to coordination, cost control, diversity in the context of statewide planning, accountability, and the environment for planning. The framework for long range planning for fiscal management also is consistent with the principles set forth in L.R. 3.1 on the academic, demographic, and economic context, L.R. 3.2 on academic, research, and academic support services, L.R. 3.3 on noncredit outreach, and L.R. 3.5 on capital budget planning.

Important innovations in resource allocation and fiscal management evolved in the period of austerity which followed the merger of all Wisconsin public institutions of higher education in 1971. One such innovation is the adoption of enrollment/fiscal targets to manage the relationship between quality, workload and budget in degree-credit instruction. Other important aspects of the fiscal management process include 1) the authority of the Board of Regents to reallocate funds between institutions and programs, within legislative constraints, to optimize resource use and ensure funding equity, and 2) the Board's authority to generate up to one percent of the general operation fund pool\* to be carried forward from year to year. This provides for contingencies that otherwise would require disruptive budget reductions or emergency action by state government.

The authority of the Board of Regents is an essential element in long range planning and decision-making for the University System. This authority, exercised within established statutory constraints and the planning principles set forth in this paper, mediates the conflict between the need for continuity in educational opportunity and quality, and the substantial uncertainty inherent in the state and federal appropriations processes.

Nevertheless, the Board of Regents cannot, by itself, guarantee that the institutions within the University System attain the full potential of their various missions. As indicated in L.R. 3.0, the budgetary and operational climates established by state government determine to what extent public higher education has the capacity to perform effective teaching, research and public service. Furthermore, there must be systematic program planning and evaluation and fiscal contingency planning by the institutions. Needed refinements in the process of making decisions require policy or procedural changes at all levels--state government, Board of Regents, and institutions--during the period.

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\*The pool consists of state general purpose revenues, academic fee and tuition receipts, federal indirect cost reimbursement, and certain other operating receipts.

The balance of this paper is devoted to a statement of fiscal management principles in three sections. The first is a discussion of basic fiscal management planning principles. The second section contains further development of specific planning principles related to enrollment/fiscal targeting. The third is a detailed treatment of fiscal operations principles, with emphasis on accountability.

## 2. BASIC FISCAL MANAGEMENT PRINCIPLES

The following commentary defines more precisely the general framework of planning for fiscal management of the University System. Needed changes in external policy conditions are identified, consistent with L.R. 3.0, but internal planning will be governed by current state policy until it is changed.

- 2.A. The use of resources appropriated to the University System will be governed by legislative intent, established Regent policies, and the planning goals as approved by the Board of Regents in the Long Range Academic/Fiscal Planning Papers for 1979-83.

It is a practice within the University System to make every effort to be accountable to the state government and the Board of Regents in the ongoing use of funds for the purposes intended.

- 2.B. In preparing for the changing conditions of the 1980's, the University System should seek those changes in the enrollment funding relationship between state government and the institutions needed to sustain the basic programs required by the institutions' missions.

In the context of the most likely range of enrollment projections now available, sustained withdrawal of funding under the assumptions of the present enrollment funding formula is neither feasible, warranted, nor in the public interest. Such continued reductions in funding will seriously reduce the capability of some institutions to maintain quality in the basic curricular array and support programs required by their missions. In seeking modifications of the formula, much more attention must be given to the identification of fixed costs and to the need to limit the operation of the formula to the actual variable cost portion of the budget for each institution. This is essential in order to maintain adequate funding and stability in the fixed cost portion associated with a basic curriculum supporting each institution's mission.

- 2.C. The increasing costs to students should be held down in educationally responsible ways wherever possible through internal measures, as well as through state policy changes to moderate the effect of the link between unit costs and fees.

The combination of a relatively fixed commitment in personnel and facilities with anticipated enrollment declines in some locations will produce unavoidable escalations in per-student costs. If these costs are translated directly into fee increases, as they would be under existing policies, they will further raise the financial barrier to higher education, thus escalating unit costs even more rapidly while inducing greater declines in enrollment.

The System Administration and the institutions will continue their efforts to control direct and indirect costs and thus to control fees and charges for auxiliaries. Evaluations of academic programs and management reviews of support costs will make an ongoing contribution to the effective use of resources, and to cost reduction consistent with the maintenance of access and the essential levels of quality.

All employees and students of the University System are expected to devote special attention to the conservation of energy, the costs of which are borne by students and state government.

System studies of other major areas of cost increase, e.g., libraries & learning resources and health sciences programs, are being conducted now by institutional and System representatives. These studies are expected to identify measures that will help to contain costs while sustaining essential levels of quality.

The potential for sustained cost reduction must be kept in perspective, however. The number of potential alternatives which will not simultaneously reduce access or quality is quite limited. Furthermore, it must be recognized that there are now some deficiencies in quality. These problems, continuing inflation and other increasing costs to continue operations will require base reallocations if they are to be addressed fully.

Internal cost control measures will continue to have significant effects in maintaining quality while holding down costs to students and state government, but these measures will not be adequate by themselves to keep fees in line during the 1980's. The protection of access can be fully addressed only through a set of actions that includes state policy changes to moderate the effect on the students of the link between fees and unit costs.

Finally, it is the intent of the Board of Regents that the University System and its institutions work cooperatively and systematically with federal agencies and the staff of the Higher Education Aids Board to ensure that the needs of University System students will be addressed effectively in the ongoing development and administration of the financial assistance available through these agencies.

2.D. In a period of serious and chronic inflation, the interrelationships of program array, program quality and workload must be managed in relation to trends in *real dollar* purchasing power.

Inflation is among the major causes of severe stress on the University System budget and employee income. The erosion of the University System purchasing power by inflation is especially pernicious, because many of the materials of higher education (e.g., laboratory chemicals, scientific equipment, books and others) have increased in cost at a rate substantially higher than the general cost-of-living increases. Considering the loss of purchasing power in this decade, and the prospects for future inflation, coupled with a less than full commitment from the state government to maintain purchasing power, a fundamental principle of planning for the University System must be that the fiscal constraints within which access, quality and program array are managed will be viewed in constant (deflated) dollar terms.

- 2.E. In accordance with the appropriations law, resource allocation planning for general purpose revenues and academic fees will continue to be based on the cluster concept.

State government has funded the three primary missions of teaching, research and public service through cluster-specific allotments. Allotment transfers between clusters and programs, made under the authority of the Board of Regents and the Department of Administration, are subject to legislative review. Budget planning and fee revenue projections will continue to be formulated on the basis of the differentiation reflected in the institutional missions and clusters. In coping with the unexpected fiscal conditions, however, the phasing of annual budget adjustments and academic fee/tuition adjustments for particular clusters, based on enrollment and fiscal targeting, could require revisions in the cluster estimates contained in biennial budget allotments. Similarly, budget execution during a fiscal year must take into account the need to manage unanticipated fee/tuition revenue experience on a systemwide basis to attempt to ensure stability in annual budgets approved by the Board of Regents.

- 2.F. It is State and System policy...to maintain the viability and stability of the institutions and assure educational opportunities through the establishment and refinement of enrollment targets, other objectives and concomitant fiscal targets.

This basic principle appears originally in L.R. 3.0.

Enrollment and fiscal targeting is a four-year planning process required by the state law enacted in the 1975-77 biennial budget following executive/legislative review of the Regents' Scope Report. The process is designed to manage the relationship of quality, cost, and workload in degree-credit instruction. Enrollment targeting by institution frequently involves setting student admissions targets lower than free market enrollment projections. Fiscal targeting involves the phased adjustment of institutional budgets to maintain educational quality, control costs and achieve funding equity, in relation to the enrollment targets.

- 2.G. Each Chancellor has primary responsibility within System policy for the internal allocation of targeted resources in the institution, to maximize the educational return on the full range of budget investments and to promote cost containment and sufficient flexibility in resource commitments wherever possible.

The Chancellor has the responsibility and the authority under law and within Regent policy to assign targeted resources among the various programs in an attempt to achieve, as economically as possible, maximum educational benefits and maintenance of the physical environment. Where budget changes involve revisions of mission or state or System policy, the Board of Regents and the System President will continue to exercise prior review authority.

In the course of planning for the future of each institution, it is the responsibility of each Chancellor, supported by State and University System policy, to promote the continuing alignment of resources to evolving workloads. It is recognized that any imbalances between existing resource distributions and resource requirements related to workloads can be addressed only in the context of long range planning

within each institution. Nevertheless, each institution must have an ongoing process of academic program reviews and associated base budget reviews to promote the vitality of its programs and cost containment.

Although the University System and its institutions have made extensive use of short term fund and position allocations\* to increase flexibility, the current, uneven distribution of these limited resources within the System and within the institutions does not provide an adequate basis at this time for responding to various contingencies. Those institutions which have little or no short term funding in their budgets, or which face the prospect of retrenchment in areas that are relatively inflexible, must prepare within their targeted budget levels for enrollment decline contingencies.

- 2.H. The financing of approved, unclassified salary adjustments to correct documented inequities is a primary responsibility of the institutions involved.

Salary equity issues must be evaluated in the context of System policies and institutional practices governing starting salaries, merit distributions, promotions and other personnel decisions made in the academic market place. In reaffirming the authority and responsibility of the institutions for these decisions, and the obligations of the Board of Regents and the System Administration to seek continuously to ensure equitable distribution of program resources through phased budget adjustments, it follows that the institutions should have the primary responsibility for any reassignments of funds needed to make documented salary equity adjustments approved under s. 36.09(1)(h).

- 2.I. Extramural support will continue to be assigned and managed on an institution-specific basis, in accordance with state law, and shall not be reassigned.

Extramural support for research and development comes to the University System almost exclusively through the efforts of individual faculty and staff, institutional administrations, and through the gifts of alumni. It is the intent of the Board of Regents to encourage the development of extramural support through the policy that such support will not replace basic state commitments.

- 2.J. The System, in cooperation with the institutions and UW-Extension, will develop policies and methods to facilitate redirection of faculty efforts and reallocation of fiscal resources in response to changes in demand for credit instruction and for outreach services.

This originally appears in L.R. 3.3.

Educational planning, enrollment projections, and fiscal management for degree-credit instruction and for non-credit outreach must be carefully coordinated. Part of the growing demand for non-credit outreach can be addressed effectively and efficiently through a reassignment of faculty effort and other institutional resources from degree-credit instruction.

\*"Short term fund and position allocations" are project-oriented or "fixed term," renewable allocations.

Given the broad mission implications of this development, the general formulation of policies for future reassignment of resources from degree-credit instruction to outreach should be undertaken in the context of executive/legislative review of the biennial budget requests submitted by the Board of Regents.

- 2.K. In accordance with state and federal law and regulations and with nationally accepted accounting and auditing principles for public higher education, the System Administration and the institutions shall maintain, and attempt to enhance, their ability to account for the allocation and expenditure of fiscal resources.

A more detailed discussion of accountability in fiscal operations appears in Section 4.

- 2.L. In preparing for a period that could bring increasing uncertainty caused by unpredictable enrollment experience, the Board of Regents expects the System Administration and the institutions to make reasonable efforts to ensure adequate short term contingency reserves for unanticipated revenue shortfalls and other emergencies.

The Board places emphasis on the need to monitor carefully the System's projected balances and expresses its intention that the System Administration will make judicious plans for carryover balances needed as contingency reserves allowable within legislative policy.

### 3. ENROLLMENT AND FISCAL TARGETING FOR DEGREE-CREDIT INSTRUCTION

Enrollment and fiscal targeting, mentioned briefly in earlier sections of this paper, are among the most important aspects of the resource allocation process followed by the Board of Regents and System Administration since 1975. The targeting process is designed to sustain acceptable levels of quality, educational diversity, and maximum student access within System budget constraints. It affords effective cost control in relation to opportunities for economies of scale, equitable distributions of resources within the University System, and timely decision-making on admissions and personnel matters in the context of phased budget adjustments. It is a broadly defined process that takes into account all direct and indirect costs of instruction except physical plant operations, for which nonenrollment variables (e.g., square footage, acreage, weather) are of more immediate significance. In essence, enrollment/fiscal targeting is a major, ongoing exercise in academic planning and base budget review at the System and institutional levels.\*

This exercise--augmented by contingency planning at the System level--is intended to reconcile the institutional need for advance planning with the inherent uncertainties in the legislative appropriation process and changing socio-economic conditions. Despite the significant degree of budget uncertainty that prevails at the System level from time to time because of the appropriation process, sufficient notice of major budget changes must be provided to the institutions to maintain reasonable continuity in educational opportunity and quality. System decisions on resource allocation among institutions must take into account the timing of student admissions, the contractual relationships with employees, and a number of other factors. These factors demand reasonable stability in the planning assumptions.

\*Although the enrollment and fiscal targeting process was first implemented in a period of significant enrollment growth for the System, it was originally conceived in the preparation of the Regents' SCOPE Report as a tool to manage prospective enrolment declines as well as increases.



The phasing of budget adjustments frequently means that equity in program funding is a goal that can be approximated but cannot be realized fully in the short run. In a typical situation some funding is being phased into some institutional budgets at the same time it is being phased out of others. Similarly, the application of any "percentage of cost" policy for setting fees must occasionally be tempered in order to be consistent with the phasing of budget adjustments.

Following are specific planning principles judged to be appropriate for enrollment and fiscal targeting through 1982-83:

- 3.A. The enrollment projection methodology will be refined to identify a range of possible experience for each institution and, thereby, to make possible effective program planning and fiscal contingency planning.

System enrollment projections into the 1990's will be formulated using different methodologies that define a range of enrollment expectations. Enrollment and fiscal targeting for each institution will be conducted within the range from the most probable to lowest projections to ensure that institutional planning is properly geared to meet the contingencies of the 1980's.

- 3.B. As part of continuing program planning, each institution, through its institutional governance mechanism, will continue to have the primary responsibility for recommending and revising where necessary its capacity, given a specified resource assumption and inflationary impacts, to teach and support a particular number and mix of students at an acceptable level of quality.

Continuing the practice initiated in 1975 when the institutions determined their enrollment capacities in relation to their 1976-77 budget projections, each institution will periodically evaluate the fit between its program array, student body mix, and its existing or targeted budget, to ensure that resources are effectively used to maintain quality instruction and contain costs. The Chancellors are responsible for advising System Administration on the implications of judgments about proposed changes in enrollment targets and budgets. System Administration will continue to support the institutions in this process through consultation on fiscal targeting (see 3.D.), timetables, procedures, and other aspects of the process.

- 3.C. The enrollment targets for the institutions, revised annually, will balance student preferences and System planning goals for the institutions.

The purpose of enrollment targets is to bring greater stability to System and institution financial planning to achieve continuity in educational opportunity and quality. They are designed to avoid the unnecessary build-up of program and plant capacity and minimize inter-institutional competition for students within a declining traditional age pool. As the decade of enrollment declines emerges, the System will use enrollment and fiscal targeting to seek to maintain to the maximum degree the balanced strength of all the institutions, and the particular ways in which they carry out their respective missions. Given each institution's primary responsibility for maintaining educational quality and for admitting the number and mix of qualified students appropriate to its capacity and mission, its administration of admissions in relation to its established

enrollment targets for the planning period is a crucial function. System Administration will be responsible for monitoring the admissions policies and practices of each institution and for advising the Board of Regents and the Chancellors on any changes needed to ensure that educational goals and the purposes of enrollment and fiscal targeting are fulfilled. (See 3.D. for related discussion.)

A policy designed to stabilize the budget planning environment in order to maintain quality must also reflect the influence of student choice and the expression of student preferences that will ensure responsiveness on the part of each institution to its existing and potential student body. The enrollment targets, therefore, will reflect considerations of the demographic distribution of student demand and categorical needs for particular programs and institutions.

- 3.D. Fiscal targets, and the related phasing of budget adjustments over a three to five year period, will be planned in relation to current legislative policy and the authorized enrollment targets; when permitted by a reasonable degree of certainty in the assumptions about state appropriations, one-year advance notice of the implementation of major budget changes will be provided to the institutions.

Phased budget adjustments should be planned, on a conditional basis when necessary, to ensure an equitable distribution of System funding for the institutions' enrollment targets. Targeted budget adjustments will take into account mission and program array, student body mix, cost variations associated with different sizes of institutions and the enrollment targets established for each institution.

Targeted budget reductions will also take into account resources retained by or provided to institutions on the basis of program or planning considerations which were deemed to warrant special, but temporary, financial relief. Institutions which receive such relief must, therefore, as a first priority, plan for the necessary refunds to the System and/or the state.

Major budget changes can have a direct impact on institutional decisions to admit students and to budget positions and personnel. In order to avoid disruptive effects, System Administration will attempt to give, by March 15, a one-year advance notice of implementation of budget adjustments. Where such notice is possible, it will reflect a conversion of fiscal target projections into definite or conditional budget planning allocations, e.g., a budget allocation by March 15, 1979, for the 1980-81 fiscal year.

Judgments about budget adjustments will be heavily influenced by consideration of a zone of tolerance for the administration of admissions in relation to each institution's enrollment targets during the planning period. The enrollment targets associated with budget planning allocations and fiscal targets for subsequent fiscal years will be interpreted to allow for a limited but reasonable zone of acceptable variation in workload caused by unanticipated, temporary changes in enrollment level and mix. This budget tolerance zone, which in percentage terms may vary inversely by size of institution, will reflect the reality that an institution usually can experience a modest, temporary increase or decrease in students from its target without creating immediate necessity (in the case of increase) for budget increase or immediate justification or possibility (in the case of decrease) for a budget reduction. It is important to note that an

institution substantially exceeding its target will elicit System Administration scrutiny of its admissions policies and practices if their cumulative effect will be to push workload above the institution's capacity.

Budget adjustments, which may be phased, will be considered only in the context of a System revision in the institution's enrollment targets. An institution's ability to qualify for additional funding, if available, will depend on persuasive evidence that the System's goal of providing a reasonable distribution of educational access, considering student demand in the service area and mission uniqueness, requires an upward adjustment in an institution's enrollment targets.

- 3.E. Each Institution is responsible for making program and fiscal contingency plans which will facilitate adaption to the range of conditions implicit in the enrollment projections, fiscal targets for the planning period, and an inflationary economy.

System institutions are currently projected to enter, between 1980 and 1983, a period of enrollment decline. Consequently, all institutions are expected to plan carefully for the trend and for contingencies.

Under current state budget policy, possible budget reductions at some institutions would cut substantially into costs that are fixed or extremely difficult to influence (e.g. the basic curricular array and its support costs). The serious problems implicit in these situations, which are most likely to develop first at the institutions with a history of retrenchment, would require a combination of relief from the enrollment funding formula and vigorous System and institutional attention to questions of quality, program array, support services, and personnel.

It is evident that the conditions associated with a decline in enrollments have serious implications for the System. It is equally evident that the present state enrollment funding formula must be evaluated in terms of its relationship to this issue. The System, in cooperation with the institutions, will undertake studies to evaluate the relationship of the enrollment funding formula to the conditions associated with declining enrollments (see 2.B).

In anticipation of the need for action by the Board, the institutions and state government to deal responsibly with these situations, selective contingency planning should be conducted on the basis of two different assumptions: 1) current state budget policy governing enrollment funding will continue, and 2) the state policy can be modified to protect institutions' fixed costs bases to adapt to changing enrollment conditions. Implicit in the second assumption is the need to modify the enrollment funding formula (see 2.B, p. 3.).

A comprehensive analysis based on these two assumptions will require substantial time and effort at the institutional and System levels. Therefore, the timetable for this planning should be oriented to completing the System's analysis in time for consideration by the Board of Regents for the 1981-83 biennial budget review. As this planning relates to the impending review for 1979-81, emphasis should be placed at this time on the immediate and potentially serious contingencies that could arise during that period.

4. PRINCIPLES IN PLANNING AND MANAGEMENT OF FINANCIAL OPERATIONS

The financial operations planning and management function at the System and institutional levels is responsible for ensuring the integrity of a financial environment that is both secure and conducive to the achievement of the primary missions of instruction, research, and public service.

In supporting these missions the objectives are to:

- conduct short and long range financial analysis and planning, and provide leadership and technical assistance to maximize the utilization of appropriated resources;
- provide sound and efficient financial monitoring systems to ensure the financial integrity of the University System and each institution;
- delegate to appropriate levels the responsibility for routine accounting and budget control to facilitate decision-making and programming;
- employ audit procedures to ensure compliance with state and federal laws and regulations and System policies; and
- provide timely, accurate, and complete financial reports at the appropriate levels.

4.A. Financial policies, practices, and procedures that assist to ensure the fiscal integrity and management effectiveness of the University of Wisconsin System should continue to be developed, implemented and monitored.

The following principles cover financial management responsibilities, financial information systems, internal pre- and post-audit activities, investment of trust funds, and indirect cost identification:

- (1) Responsibility for the management and control of financial operations will continue to be shared by the institutions and System Administration, but to the extent possible decentralization will be encouraged.

Within policy/procedural guidelines of the State and Regents and in forms that accommodate operational needs, each institution has the responsibility for financial planning, budget control, and expenditure/revenue reporting. The institutions are assigned the primary role under s.36.09(3) for administering appropriated funds in accord with legislative intent, reallocating funds in response to changing program needs, and providing financial reports in useful forms.

System Administration has primary responsibility for systemwide financial planning, monitoring of compliance with budget control requirements, summary level financial reporting, expenditure/revenue projecting, and liaison with state and federal government.

- (2) Financial management systems will through the production of accurate, consistent and timely information assist in the overall effort of insuring fiscal integrity, maximizing effective utilization of available resources, and developing useful financial planning documents. Financial policies and procedures have been structured to safeguard appropriated resources while at the same time being sufficiently adaptable to accommodate changing programmatic needs and legal requirements.
- (3) Responsibility for determining the accuracy, propriety and legality of all transactions processed for payment is assigned by state law to the UW System and the Department of Administration.

Operating under delgated authority from the Department of Administration, the UW System pre-audits financial transactions and makes final payment decisions. Each transaction must meet the various audit tests of the state and federal agencies to assure institutional compliance with applicable statutes and university regulations.

The institutions have the primary responsibility for pre-auditing, with System Administration responsible for monitoring compliance.

- (4) An internal audit program is responsible for providing the UW System with informed judgments concerning the safeguarding and control of assets, integrity of records, and effectiveness/efficiency of selected programs and financial aids.

Audits are conducted in such a way as to meet federal and state requirements regarding fiscal accountability, management of assets and compliance with operational policies.

- (5) The System Administration has the responsibility under Regent direction and in accord with state statutes to administer endowment and quasi-endowment funds for the purpose of maximizing potential returns through trust fund investments.
- (6) Responsibility for federal indirect cost determinations is assigned to the System Administration.

Following the guidelines provided by the federal government, appropriate costs are identified, indirect cost rates computed, and resultant project-related costs submitted for reimbursement. Only after federal acceptance through audit and negotiation are the indirect costs eligible for reimbursement.

- (7) The UW System is responsible for maintaining financial records and preparing financial statements in accord with generally accepted accounting principles. Accounting principles and definitions of revenue and expenditure categories for the UW System are essentially those approved by the American Institute of Certified Public Accountants (AICPA), the National Center for Higher Education Systems (NCHEMS), and the National Association of College and University Business Officers (NACUBO).

The UW System accounting system and financial statements are compatible with the principles and guidelines contained in the AICPA Audit Guidelines for Educational Institutions, the NACUBO College and University Business Administration Service and the NCHEMS Higher Education Finance Manual.

4.B. Auxiliary management policies, practices and procedures that ensure the financial solvency, maintenance of physical assets and quality-of-life environment for users shall continue to be developed, updated and maintained.

The following principles cover accrual accounting, fiscal relief, debt service, segregated fees, self-insurance, delegation of responsibility, investment of cash balances and service contracts:

- (1) The fiscal integrity of auxiliary operations is enhanced by the use of accrual accounting principles, adherence to fiscal principles of business-type operations, the establishment of appropriate reserves, and the monitoring of operations.

Monthly financial statements are prepared consistent with a uniform reporting system, annual budgets are developed by the institutions with participation from System Administration and reserves are set aside for equipment replacements, deferred building maintenance, and debt service requirements.

- (2) The pooled financing structure used by the former Chapter 37 System to construct residence halls provides a mechanism for granting partial fiscal relief to participating institutions with excess room space. The former Chapter 36 System financed residence halls construction on an institutional basis.
- (3) Student participation and control in the use of segregated fees shall be administered in accord with the provisions and intent of s.36.09(5) and within the context of 2.36.09(3) dealing with chancellor responsibilities.

Segregated fees have been identified as either allocatable or non-allocatable. In general, the non-allocatable fees are outside the jurisdiction of the students and used to meet long-term commitments such as debt service and deferred maintenance. Allocatable fees are essentially student controlled funds for use in supporting student activities and programs.

- (4) System Administration and the institutions will plan for an alternative to the current policy on the distribution of auxiliary services debt burden among students.

Currently, the per-student segregated fee contribution for meeting debt service costs shall not exceed the Regent approved maximum, with additional resource requirements being provided by investment earnings for this purpose. Investment earnings are, however, only a temporary solution to a major problem.

Because institutions with proportionately large debt service commitments could be required to devote most, if not all, segregated fee revenue to fixed debt costs, allowing little or nothing for program needs, a maximum per student fee has been established. Considering the limitations on investment earnings and the fiscal implications of a projected enrollment decline on revenue potential, the UW System and state government must work cooperatively in an effort to find an alternative to simply shifting an ever-increasing burden to the fewer enrolled students.

- (5) The institutions have the primary responsibility for setting segregated fees and user charges.

System Administration monitors compliance with System policies, confirms that proposed fee levels will generate the necessary revenues, and, after consultation with the institutions, seeks Regents' approval.

- (6) System Administration is responsible for investing all available cash balances from auxiliary operations.

Investments are made daily with institutionally identified earnings credited back to the generating institution and program; earnings not designated for a specific institution are pooled and become available for systemwide use.

- (7) A systemwide self-insurance program is available to provide protection from the fiscally debilitating effects of large Worker's Compensation claims. The risk is covered by contributions from the auxiliary operations of the entire System.
- (8) System Administration is responsible for assisting the institutions in developing master contracts and writing specifications for various service contracts.

Service contracts are monitored on a regular basis to assure compliance with the statutes and System policies.

4.C. Capital budget funds will continue to be expended and accounted for within the guidelines of state and federal funding agencies.

Capital budget funds are accounted for separately from other University funds and are under the control of the State Building Commission. The State Building Commission's Policy and Procedures Manual outlines the process of release of project funds, budget adjustments, expenditure of funds and close-out of projects.

For projects in which there is federal funding, reviews are made to assure compliance with the project regulations and reporting requirements of the funding agency.