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## **Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: May 6, 1983. 1983**

Milwaukee, Wisconsin: Board of Regents of the University of Wisconsin System, 1983

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MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Milwaukee, Wisconsin

Held in the Room E245, Wisconsin Room West, UW-Milwaukee Union  
Friday, May 6, 1983  
9:00 a.m.

- Regent Lawton presiding -

PRESENT: Regents Clusen, Conroy, Finlayson, Fish, Gerrard, Grover,  
Hanson, Heckrodt, Lawton, Nikolay, O'Harrow, Schilling  
and Zirbel

ABSENT: Regents Beckwith, Knowles and Veneman

Regent Lawton was designated President Pro Tempore, on nomination by  
Regent Heckrodt, to preside at the meeting in the absence of the President  
and Vice President of the Board, who were unable to attend.

Upon motion by Regent Finlayson, seconded by Regent Fish, it was voted  
that the minutes of the regular meeting of the Board of Regents of the  
University of Wisconsin System, held on April 8, 1983, be approved as  
mailed to the members of the Board.

*Hanson, Regent Camilla - Regent Hanson welcomed to the Board, p. 1*  
*Nikolay, Regent Frank - Regent Nikolay " " " " " "*

REPORT OF THE PRESIDENT OF THE BOARD

Regents Camilla Hanson, of Mellen, and Frank Nikolay, of Abbotsford,  
were welcomed to the Board by Regent Lawton. They had been appointed to  
succeed Regents Podlesny and Fitzgerald, respectively.

Regent Finlayson presented the following resolution and moved its  
adoption. The motion was seconded by Regent Zirbel and carried unanimously.

*Fitzgerald Marilyn - Resolution of commendation + Regent Emeritus*  
Resolution 2199: Whereas, Marilyn M. Fitzgerald served as a member of  
the Board of Regents of the University of Wisconsin System since 1977 and now has retired from the  
Board, having completed her term; and *status pp. 1-2*

Whereas, she brought to the Board's deliberations a life-long interest in the field of education, as well as a background in local government and public service; and

Whereas, over the course of her term, she served conscientiously on the Board's Executive Committee, Education Committee, and Physical Planning and Development Committee, as well as on special Regent committees, contributing valuable insights and a perspective based on her breadth of experience to the work of these bodies; and

Whereas, she devoted numerous additional hours to university business during her membership of almost six years on the Council of Trustees of the UW Hospital and Clinics; and

Whereas, her concern for the welfare of the UW System also was evidenced by the visits she made to campuses and facilities throughout the state, in order to gain first-hand understanding of the needs and priorities of the individual institutions; and

Whereas, her years of faithful service and good counsel have been of great benefit to the cause of public higher education in Wisconsin;

Therefore, be it resolved that the Board of Regents of the University of Wisconsin System hereby gratefully recognizes and commends Marilyn M. Fitzgerald for the substantial public service she has rendered, and with deep appreciation for her efforts on behalf of the UW System, confers upon her the status and title of Regent Emeritus.

*Podlesny, Mary - Resolution of commendation & Request Emeritus status, pp 2-3*

It was moved by Regent Finlayson, seconded by Regent Zirbel and unanimously voted that Resolution 2800 be adopted:

**Resolution 2800:** Whereas, Mary Podlesny has retired from the Board of Regents of the University of Wisconsin System, upon completion of the term to which she was appointed in 1982; and

Whereas, her knowledge of educational matters, based on professional experience as a teacher and school principal, added a valuable dimension to the membership of the Board; and

Whereas, she served ably as a member of the Board's Education and Business and Finance committees, contributing perceptive observations and thoughtful judgment to consideration of issues before the Regents; and

Whereas, as a member of the Board, she participated conscientiously and with diligence in Regent business, journeying long distances to attend meetings, despite sometimes adverse travel conditions; and

Whereas, the energy and enthusiasm with which she approached her duties as a Regent are evidence of her strong commitment to public service and to furthering the educational mission of the University of Wisconsin System;

Therefore, be it resolved that the Board of Regents hereby commends and thanks Mary Podlesny for her dedicated service to public higher education in Wisconsin and grants her the status and title of Regent Emeritus.

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REPORT OF THE PRESIDENT OF THE SYSTEM

The following resolution was adopted unanimously, upon motion by Regent Schilling, seconded by Regent Finlayson:

Resolution 2801: That the report of non-personnel actions by administrative officers to the Board of Regents and informational items reported for the record (copy on file with the papers of this meeting) be received for the record; and that actions included in the report be approved, ratified and confirmed.

*Minnesota, State of*

*Pres. report on a conference refining tuition reciprocity agreement between Wisconsin & Minnesota, p. 3*

President O'Neil reported on a conference, devoted to promoting closer cooperation between Wisconsin and Minnesota, at which details of the tuition reciprocity agreement had been refined. To enhance further cooperation in higher education, it was agreed that universities in the two states would share proposals for new degree programs and reviews of existing programs. The West Central Wisconsin Consortium, he added, already was in regular contact with Minnesota higher education officials.

*Woman, Regent Task Force on Status of*

*- Final report of System Advisory Council on Status of Women dated Feb 1983, pp 3-4*

With regard to the System Advisory Council on the Status of Women, the President recalled that the Council had been appointed nearly two years previously to work on review and implementation of recommendations made by the Regent Task Force on the Status of Women in 1981, which covered a broad range of issues concerning students, classified staff, academic staff, faculty and administrators. Review of these recommendations by governance groups and chancellors began in 1981, continued through 1982 and in its final phase was still under way. The Advisory Council was requested to

*X ref Women, System Advisory Council on Status of*

*- Final report to Board expected in Feb 1983, pp 3-4*

review institutional responses and to offer advice on implementation, barriers to implementation and alternatives which might be considered. These comments then had been shared with the institutions through their chancellors, for the purpose of building a consensus toward adoption. Noting that he had met several times with the Council and was to receive its final report in June, he observed that the review process was lengthy but that the issues were complex. As significant accomplishments which had already resulted from the Task Force's work, he cited the sexual harassment policy adopted by the Board in 1981 and major amendments in the System equal opportunity policy, which had been approved in May 1982. Equally significant recommendations in a number of other areas were expected to be forthcoming, he stated, adding that close attention was being given to the Task Force proposals and that a final report should be ready for the Board by fall.

Ethics Code - *Judgment of Dane County Circuit Court regarding access to UW-Madison faculty reports on outside activities not to be appealed; Ch. UWS 8 of Wisc. Admin. Code in institutional review process, p. 4*

Turning to another topic, President O'Neil reported that recommended revisions in Ch. UWS 8 of the Wisconsin Administrative Code had been submitted to the chancellors, and the process of institutional review was well along. While it was too early to know whether definitive recommendations could be made to the Board in time for action this spring or summer, if that were not possible because of the complexity of the issues involved and the need for full faculty and staff consultation, a report would be made by fall. Adding that one aspect of the issue had been affected by judicial decision, he noted that the judgment of the Dane County Circuit Court regarding access to UW-Madison faculty reports on outside activities had not been appealed. Although a respectable appeal could have been made, he stated, it was felt that the interests of justice and certainty would be better served by not doing so. Faculty whose reports were subject to disclosure were given a time within which to seek independent recourse, after which the reports were made publicly available. Meanwhile, other chancellors had been advised to respond readily to requests for similar faculty reports, although the Dane County Court decision did not have binding effect elsewhere in the state. While another judge might conceivably have a different view of the law, it did not seem wise to require relitigation of the basic issue once the Dane County Court had spoken, the President said, noting however that it would be another matter if a different legal issue were raised, although that prospect did not seem likely.

ix ref: Administrative Code - *same as above*  
Faculty - " " "

With respect to spring commencements, he reported that System institutions would be conferring nearly 13,000 degrees, including 10,787 baccalaureate degrees, 1,926 master's degrees, 250 doctorates, 225 in law and 148 in medicine. The Centers expected to grant approximately 630 associate degrees, and at UW-Milwaukee there would be a record number of graduate degrees—460 master's and 40 doctoral degrees in a wide variety of fields. The President then stated that, as students were honored through commencement, "we ought also to recognize the contributions of the faculty who have made possible not simply the credentials which students and graduates received, but far more importantly, the learning experience which their degrees reflect and attest. There are too few opportunities for us at the System level to convey appreciation to our faculty colleagues, even

Faculty - University faculty recognized by System President for their contributions to conferring of 13,000 system degrees, pp. 4-5

Board of Regents meeting 5/6/83  
Ref - Commencement - same as above Depres-Conferral  
SUMME AS ABOVE.

though we know it is they who sustain the academic process in which we take justifiable pride at times like commencement. These are not easy times for university faculty, not only for some of the tangible reasons so well documented in the compensation report yesterday afternoon, but for less concrete and subtler reasons as well. The least we can do in the commencement season is to acknowledge the role of faculty and to express, through their representatives who meet regularly with the Board, that sense of recognition."

Educational System of Wisconsin - Report of the National Commission on Excellence in Education, "A Nation at Risk," as it relates to public elementary/secondary and postsecondary education, pp 5-6

President O'Neil then referred to the recent report of the National Commission on Excellence in Education, entitled "A Nation at Risk," which drew attention to ominous signs of loss of confidence and quality in educational systems. In a press conference the previous day, he noted, Governor Earl drew local attention to these same issues, though indicating that conditions in Wisconsin are not quite as bleak as those in many other parts of the country. The President said he and Regent Grover, State Superintendent of Public Instruction, had already talked about how they might respond together to the report, having had the recent experience of collaborating on the Joint Council on College Preparation, which anticipated some of the National Commission's proposals with regard to curriculum improvement in secondary schools. "Superintendent Grover and his department have already shown their commitment to seek excellence in precollege education, and I do not see how we in the University System can do other than support his efforts." The two levels of education are joined in at least two ways, he observed, the first being that the university sets in large measure the expectations of students, parents and counselors in the secondary schools, even though only about a quarter of all Wisconsin high school seniors attend UW System institutions, and the second being that the UW System prepares a high proportion of the teachers who provide instruction in Wisconsin schools at all levels. "In a real sense, the schools can be as good or as poor as the colleges and universities ask or allow them to be. This is the time for closer cooperation and a coordinated response to the National Commission's challenge." It was expected that a further report on these matters could be made to the Board by July.

Ref - Public Instruction, Department of - same as above System Instruction  
COOP-PP4-7

Regent Grover stated that pride could be taken in the fact that some of the recommendations of the National Commission—that college-bound students take four years of English, three years of science, three years of mathematics, and three years of social studies—had already been addressed in Wisconsin, through the statement on competencies prepared by the Joint Council on College Preparation, brochures about which were being distributed to school districts and parents of eighth graders. With respect to competency testing, he noted that a law had been passed and that a hundred school districts were preparing to participate in that program.

Competencies  
+ PP4-7  
Admission Standard  
PP4-7

Referring to articles which had recently appeared in The Chronicle of Higher Education, he pointed out that colleges and universities were being urged to raise their admission standards in order to turn back the tide of mediocrity and that high schools and colleges were being urged to make joint decisions about the content of secondary school curricula and the skills that students need for admission to college. Universities and elementary/secondary schools are intimately linked, he emphasized, in that

Ref - Educator Programs - same as above

"we teach with your end product, and to some degree your expectation dictates our condition." He quoted from comments by Mr. Ernest Boyer, of the Carnegie Foundation, who said that when colleges announce their admission standards, they announce the mission of our schools and that limitation of access to colleges and universities to students who meet tougher academic requirements was having a more dramatic impact on schools than growing legislative and public pressure to make schools require more of their students. Further, the President of Yale University had stated that the high schools of the country are always at the mercy of the colleges in that, as colleges change their admission criteria, high schools are constantly trying to catch up in what they are teaching. In North Carolina, Regent Grover observed, prospective teachers were being required to pass a licensing exam, and teacher education programs were subject to accreditation review if, among other things, fifteen percent of their graduates failed the examination.

In conclusion, he commented that "this Board and the Department of Public Instruction ought to link in with initiative and standard, and drive to mutually upgrade the condition that exists in this state. We think it is better than the national condition, but not exempt from it. And so, in that sense, we thank President O'Neil for his leadership in giving us an opportunity to institutionalize this relationship in a more formal sense, dealing with teacher preparation, dealing with the question of science and math, dealing with educational TV, dealing with the curriculum, as we try to develop model curricula for all the school districts in the state to at least look at, as they exercise their own independent decisions. I think, candidly, we're at an historic moment in education—public elementary and secondary education—in this decade, and Wisconsin ought to maintain its tradition of progressive commitment."

*X Vocational Education - State Board - President of VTAE Board to regularly report at Regent meetings, p. 6*

Noting that the Regents had profited by hearing regularly from the President of the Vocational, Technical and Adult Education Board, Regent Schilling suggested that a monthly report by the State Superintendent of Public Instruction be included as part of the Board President's report.

Regent Zirbel, President of the VTAE Board, added that, while she had been confining her comments to reports of VTAE Board meetings, she would be glad to extend her remarks to other matters of mutual interest as well.

Referring to an earlier part of President O'Neil's report, Regent Clusen asked if other campuses had received requests for disclosure of outside activities, to which the President replied that there had been such a request at UW-Milwaukee.

*X Ethics Code - Requests for disclosure of outside activities at UW - Milwaukee p. 698*

*X ref. Administrative Code - same*

*X ref. Faculty - same*

*X ref. UW - Milwaukee - Faculty - same*

In response to an inquiry by Regent Clusen about progress on the review of proposed changes in Ch. UWS 8, President O'Neil explained that it had been considered by a number of faculty governance groups and that it was discussed in detail by the UW-Madison Faculty Senate earlier in the week.

Competencies - Discussion of cooperation among UW System, VTAE and Dept of Public Instruction in studying educational systems, p.7

Noting that he had recently attended a National School Boards convention, Regent O'Harrow observed that school board members were in a very serious mood and that many positive solutions to competency problems had been proposed. He suggested that a liaison mechanism be established in order to keep abreast of the excellent ideas presented in such forums.

X ref - Educational System of Wisconsin - same as above  
Vice President Lyall indicated that a new member of the System Office of Academic Affairs was to have responsibility for monitoring and reporting on these types of matters.

Regent Grover added that the Department of Public Instruction had applied for a grant through the Chief State School Officers' Association to hire personnel for the purpose of further improving linkages between elementary/secondary and postsecondary institutions. Indicating that a study of teacher preparation in Wisconsin was under way, he expressed the intention of working closely with the UW System in that regard and explained that additional funding from such a grant would help to institutionalize this cooperative relationship.

It was pointed out by Regent Zirbel that there was a great deal of coordination among the UW System, the VTAE System and the Department of Public Instruction. "The workings that are going on behind the scenes are just excellent and I, for one, am exceptionally proud and happy for the cooperation that is there. I think that we're addressing many levels that people just are not aware of and that we sometimes take for granted."

X UW-Milwaukee - Remarks made at Regent meeting by President O'Neil then called on Chancellor Horton, expressing UW-Milwaukee appreciation for UW-Milwaukee's gracious hospitality in serving as host for these meetings.  
Chancellor, member of Bd of Visitors & Dean of Graduate School

The Chancellor spoke about the Greater Milwaukee Goals 2000 project and then introduced Mr. Mark Vetter, of the UW-Milwaukee Board of Visitors, and Dean George Keulks, of the UW-Milwaukee Graduate School, for presentations on the university's relationships with business and industry. Their remarks are attached as EXHIBIT A.

EX. A

Regent Lawton complimented the Board of Visitors for their efforts in grappling with this important issue.

X-Ref - UW-Milw-Visitors



*included on p. 6*

Returning to a question asked earlier by Regent Clusen, Chancellor Horton said the deans were being consulted with respect to requests which had been received for information on outside activities of faculty. Before releasing the reports, time would be provided for individual faculty to take whatever legal action they might wish, a process similar to that which took place at UW-Madison.

United Council of UW Student Govts. - support of United Council for: continued full funding & projects on minority student retention;

In his report as President of the United Council of UW Student Governments, Mr. Scott Bentley spoke first of efforts on behalf of racial reversal of and ethnic minority students. Noting that the UW System had been in the legislative forefront in providing equal access to those who had traditionally faced discrimination, he said United Council strongly encouraged continued full funding and promotion of the various systemwide projects on minority student retention, as well as introduction wherever necessary of new approaches which, over time, would obviate the need for special programs to insure access for all.

*reversal of legislative attempt to limit to state residents awards under the Advanced Opportunity Program, and reiteration of support for RPD 80-3, p. 8*

Regarding a related matter, he referred to recent efforts by some legislators to limit to state residents only awards under the Advanced Opportunity Program. While United Council recognized that the university's primary responsibility is the education of Wisconsin residents, they felt that to erect artificial barriers against full educational access by all American citizens would be parochial and harmful to the quality and diversity of the System student body. However, he pointed out, quick action was taken by other legislators, UW administrators, faculty, staff and students who came to the aid of the program, demonstrating a wide-ranging commitment to continuation of such efforts to enhance the quality of academic life in the UW System.

ref - Affirmative Action - same as above

In conclusion, he reiterated United Council's support for reaffirmation of Regent Policy Document 80-3.

Regent Fish noted that Regent Knowles was unable to attend the meeting because of the death of Mrs. Knowles' mother. It was agreed that condolences would be extended to Regent Knowles and his family.

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REPORT OF THE EDUCATION COMMITTEE

Chairman Schilling presented the Committee's report.

President O'Neil introduced the annual Report on 1981-82 Progress and Achievement of Goals for American Racial and Ethnic Minority Students, observing that it presented a regrettably mixed picture. On the one hand, there were a few bright spots, such as increases in numbers of Hispanic students and numbers of minority students who had received degrees, while on the other hand, there were disappointing trends—numbers of minority students other than Hispanics had not increased in the UW System. In

Affirmative Action - Report 1981-82 Progress + Achievement  
of Goals for American Racial + Ethnic  
Minority Students; chancellors to address  
Board of Regents meeting 5/6/83 issue of minority retention; - joint system  
DPI task force formed on secondary/  
postsecondary minorities, pp. 8-13

response to the question of why the System had not met its minority enrollment goals, the President noted three circumstances: First, the problem was not unique to the UW System in that the decline in numbers of minority students had affected state university systems around the country. Secondly, uncertainties about financial aid appeared to have had a disproportionate effect on potential minority students. And, third, there was not sufficient data on minority populations in Wisconsin.

~~Ref.~~  
System  
Interinstitutional  
Coordinating

Associate Vice President Vernon Lattin added that campus minority student coordinators and committees, along with the System Minority/Disadvantaged Student Committee were searching for answers to why the goals were not being met, and many campuses had self-studies under way. In the present biennium, an additional \$1.5 million was provided for efforts on behalf of minority students. Demonstration projects were in progress, such as the critical intervention project at UW-Milwaukee and the minority student project in business at UW-Whitewater. New dollars had been concentrated on improving student retention, and there had been some progress in that regard. However, although the goal for 1982-83 was to enroll some 9,000 minority students throughout the UW System, only 6,919 were enrolled.

~~ref~~ - Minorities - same as above

In discussion, Committee members expressed disappointment that the high hopes of the Board in 1976 for increasing minority enrollments had not been fulfilled. While there had been criticism of affirmative action at the national level, it was felt the UW System should withstand the trend of losing ground in this area. Associate Vice President Lattin explained that factors such as tuition increases, declining numbers of minority high school graduates and decisions to work immediately after high school graduation contributed to declining numbers of minority students going on to college. Committee members were pleased with the success of special programs but pointed out that more needed to be done in retaining minority faculty and in improving the community climate for minority students.

President O'Neil advised the Committee of two steps that would be taken prior to presenting a new set of recommendations to the Board. First, the chancellors were to address the issue in the following month, this discussion being in addition to those which had been ongoing throughout the System with chancellors, vice chancellors and the System Minority/Disadvantaged Student Committee. Secondly, Superintendent of Public Instruction Grover and the President had announced the formation of a joint task force drawn from both the Department of Public Instruction and the University of Wisconsin System, which was to create a pool of information on minority students at the secondary and postsecondary levels. The task force would have five functions: (1) To identify information needed by public education to understand better the low rate of minority participation in higher education; (2) to work together to improve minority student preparation for college; (3) to look for ways for improved cooperation in communities and statewide; (4) to foster the possibility of personnel exchanges (such as counselor exchanges); and (5) to share resources cooperatively between the elementary/secondary level and the postsecondary level. Task force members had been identified and were about to be appointed. Regent Grover noted that such joint ventures between DPI and the UW System were needed and likened this initiative to the successful Joint Council on Preparation for College. One DPI effort to address the problem had been to assume control from HEAB of the Wisconsin Talent

Incentive Program of financial aid. He emphasized that joint DPI-UW System interaction was needed at the eighth and ninth grade levels to help prevent drop-outs.

It was announced by Chairman Schilling that several individuals had asked to appear before the Education Committee concerning a personnel decision at UW-Milwaukee and the phasing out of several courses. He pointed out that the issues in question were matters for the faculty, students and administration of the campus involved, and while they were sincere concerns, it would not be appropriate to present them to the Education Committee. Requesting that the written statement by the UW-Milwaukee American Indian Student Movement be circulated for information to the Board, he then invited those who had asked to appear to speak to the System report presented by President O'Neil. Ms. Lisa Myers, a representative of the UW-Milwaukee American Indian Student Movement, spoke about recruitment and retention of minority students, emphasizing that universities must be sensitive to their needs, rather than seeking to change the students. She felt the individuality and culture of American Indian students too often was lost in the university community. Mr. John Heiser, a graduate student at UW-Milwaukee, commented on the problem of funding new programs through reallocation. Asserting that reallocation works to the disadvantage of minority student programs because they must compete for scarce resources with others which may be better established, he said special programs created through minority/disadvantaged funding allocations were appreciated but were far from sufficient to meet the many needs of minority students. It is important, he added, that the university educate American Indian students who can return to and work on behalf of their communities.

Ms. Irene Mack Pyawasit, an instructor at UW-Milwaukee, told the Committee an American Indian should be appointed to the Board of Regents. Retaining minority faculty, she stated, is an essential part of attracting minority students. Mr. Harold Price, President of the UW-Milwaukee American Indian Student Movement and a member of the Student Senate, endorsed the previous speakers' comments and asked that the Regents consider funneling more dollars into programs to assist American Indian students. UW-Milwaukee Professor John Boatman urged the Board to reaffirm Policy Document 80-3, noting that this action was supported by the Great Lakes Intertribal Council, as well as by Governor Earl. In response, President O'Neil said it was expected that some modification would be made in Policy Document 80-3 in areas which had not shown success and that the modified document would be presented at the Board's July meeting.

In discussion at the Board meeting, Regent Fish stated that he was not satisfied with the explanations given for lack of progress in increasing minority enrollments. Commenting that it should not be difficult to determine the size of the state's minority population, he noted that, while the number of minority high school graduates was declining, there were fewer non-minority graduates as well. It was disturbing that at UW-Milwaukee the percentage of minority students actually had decreased over the past five years, he stated, adding that the Graduate School's presentation that morning had not included statistics on minority students involved in those programs. While he realized that many people had worked hard on minority recruitment and retention within the System, he emphasized that the results were far from consistent with Regent requests and

expectations. "We have heard the same thing year after year after year, and the results stayed the same, the same, the same: utter disappointment. We've got to make progress in this area and we've got to spend more time at finding out how we can do it, because we are not making progress in what I perceive to be one of the major failings of this university in the last decade."

Regent Lawton indicated that, as presiding officer, he would not speak to the issue, but noted he had expressed his own dismay with the report at the Education Committee meeting.

One of the problems, President O'Neil explained, was that there were not accurate figures on the number of minority graduates and seniors by school or by district, and that data was needed in order to make judgments about where to start the new programs. It was hoped that the new joint committee could work to rectify this deficiency, he said, underscoring also the chancellors' commitment to address the subject of minority recruitment and retention before the next Regent meeting.

Regent Grover indicated there had been an increase in the number of minority students as a percentage of the student population in concentrated school districts, and that in Milwaukee they constituted a majority. However, he pointed out, a high school drop-out rate of more than 30 percent diminished greatly the pool from which the university could recruit. "We have really got to personalize it at about the eighth grade level and identify these children, show them a package, show them the dream, tell them what their future is and guide them almost individually to the university setting." In that regard, one question he wished the university to address related to the kind of financial aid package which could be put together for a minority person from a home with very limited income, in order to sustain that student through the university experience. What must be determined, he felt, was whether money was the obstacle or whether what was needed was early identification and creating the dream individually for each child. He was not sure if aid for such students was adequate and well-enough packaged. "If it is, then that isn't the question; the question is early identification--catching those kids early--and breaking the drop-out statistic in Milwaukee. If not, the university is going to have one sad report after another, and they will always stand indicted by this Board."

While he realized financial assistance was a factor, Regent Fish felt minority students were not receiving the counseling and help needed to take advantage of the aid that was available. The report indicated to him that the System was not allocating resources and effort to the degree possible in trying to increase minority enrollment. "I'm not asking for the ideal; I'm just saying that we have got to at least be making progress."

Regent Finlayson observed that values and achievements are not directly related to money. Underscoring what Regent Fish had said, she emphasized the dearth in both the elementary/secondary schools and in the universities of teachers and counselors who could serve as role models. "I suggest that, as we pursue improving on our goals for minority students, we ought to take this factor into consideration. We are losing a lot of minority faculty throughout the university, and more attention needs to be given to that as well."

In response to an inquiry by Regent Schilling, President O'Neil said each institution set its own goals, which were part of the total program, and that each had an administrator designated as coordinator for these purposes. Close liaison was maintained between Associate Vice President Lattin's office and the person responsible at each institution for monitoring the goals and reporting the data.

Regent Schilling asked if the Board in the past had reviewed the track record of individual campuses, as well as that of the System as a whole, with attention to what seemed to be successful in one place and not in another. Regent Lawton replied that he did not believe the Regents had considered the matter in that way.

In response to a question by Regent Schilling as to whether there was a great deal of difference among the plans of the various institutions, Associate Vice President Lattin stated that such differences did exist, depending on the university's approach, its size and the amount of funds committed. One of the purposes of the minority demonstration projects, he added, was to focus different kinds of approaches on different campuses. Each then would be evaluated, so that the most successful parts could be replicated and the less successful eliminated. While each institution had basically the same kind of recruitment process, he noted that retention efforts varied from campus to campus.

Regent Schilling then inquired as to whether each university was simply expected to do the best job it could to attract and retain minorities, or whether there was recognition that prospects for success were greater in some places than others.

President O'Neil replied that the goals set for each institution reflected differences in minority population among regions of the state, so that an expectation for UW-Parkside or UW-Milwaukee would not be realistic for UW-Eau Claire or UW-Stout, and that performance was then measured against the reasonable goals established by each university. He indicated that one of the questions which would be considered was whether the past assumption, that each institution should do the best it could in view of its own regional conditions, really was the soundest approach. While no institution should be uncommitted to minority recruitment and retention, he said, given the demographics of the state population—particularly since the drastic increase in nonresident tuition—there were some obvious differences among institutions which might not be well-reflected in present goals and expectations.

Although goals varied by institution, Regent Schilling wondered if resources were allocated commensurate with those goals and with the likelihood of success in recruiting minority students to particular campuses—"whether we have said, 'Yes, we expect an open door; yes, we expect you to do what you can for the region, but we are failing abysmally on campus "X" which has a very substantial minority population in the immediate area.' That's where we should put our resources because it is a hands-on, individualized matter. Apparently we have learned over the last seven years that it takes more than an open door and economic packages. I, for one, would be interested in looking at that sort of approach or reassessment of it."

Observing that it seemed easy enough to find minority athletes, Regent Fish said that, in his many years on the Board, "you hear these speeches every year on minority retention and minority enrollment. And you're patient and you're patient and finally you run out of patience." While he did not wish to be overly critical, he considered it necessary to reassess what was being done.

Regent Lawton expressed agreement, noting he had heard the same disappointing report for seven years. He felt confident, however, that President O'Neil and Regent Grover were prepared to meet the problem head-on.

*Review of  
XU-Milwaukee - Programs - UW Milwaukee Advanced Opportunity Program  
to assist minority/disadvantaged graduate students, p. 13*

Continuing the report of the Education Committee, Regent Schilling summarized a presentation on the UW-Milwaukee Advanced Opportunity Program. Vice Chancellor Norma Rees reviewed the background of AOP funding, the purpose of which was to assist minority/disadvantaged graduate students and increase their representation in graduate programs. In nine years, some 400 students had received aid and 224 had completed degrees in this fellowship program, through which graduate students received support to study full time for up to two years. Since 1976, there had also been federal funds for minority graduate students, with AOP funds having sometimes been used to supplement federal support. It was noted that federal funding might well be eliminated, and if this were to happen, the loss would not easily be made up through loans, since graduate students frequently also carried debts for their undergraduate educations. Approximately 18 percent of minority graduate students received AOP grants in 1982-83, with the remaining students borrowing funds, receiving support from their departments, or attending the university only part time. Many eligible students, however, could not afford to attend at all. While the AOP was considered a real success, having an 83 percent retention rate (higher than the retention rate for all graduate students combined), it was pointed out that the program could only go part way in addressing the problem.

*X-ref -  
X-minorities  
same  
go above  
X Affirmative  
Action*

*Vilas, William F. - Trust Estate - Acceptance of proffer  
by Trustees of Vilas Trust  
Estate for scholarships,  
fellowships + professorships*

The Committee approved acceptance of the proffer by Trustees of the William F. Vilas Trust Estate for support of scholarships, fellowships and professorships. It was noted by Vice President Lyall that the procedure for this trust was unusual in that use of Vilas resources was requested at one meeting (a step taken by the Board the previous month) and then accepted at the subsequent Board meeting.

*pp. 13-18  
R 2802*

*Vilas, William F. - Informational statement by Chancellor on life of William F. Vilas + Trust, pp. 13-14*  
Stating that the Committee decided to ask that the full Board be given a background statement on this extraordinary gift, Chairman Schilling invited Chancellor Shain to make a presentation about it.

The chancellor noted that William F. Vilas was born in Chelsea, Vermont, on July 9, 1840. His family moved to Madison when he was a young child, and he graduated from the University of Wisconsin at the age of 18 in 1858. After attending law school in the East and serving in the Civil War, he returned to Madison where he was elected to the Wisconsin Assembly in 1885. Almost immediately thereafter, he went to Washington, D.C.,

having been named Postmaster General by President Cleveland, and two years later he was appointed Secretary of the Interior. He was elected to the United States Senate in 1891, where he served until 1897. At that point, he decided to turn his attention to personal business, having developed only a modest estate by the time he left the Senate. In a period of ten years, through involvement in railroads, lumbering and the paper industry, he accumulated a very substantial fortune. When he died in 1908, his estate was left in trust, the income to go to a certain group of heirs until their deaths, and then to the university, which did not begin receiving money from the trust until 1962.

With respect to the terms of the trust, Chancellor Shain explained that the will was a lengthy, complicated document, Mr. Vilas having specified in great detail exactly how the income from the trust was to be expended. Among other things, it provided that only one half of the income could be used for university purposes, until such time as the trust reached a level of \$20 million. Because it was specified that calculation of the trust shall be based on the par value of the stocks, he pointed out, it would be many more years before the trust reached \$20 million, since stock which might actually be worth hundreds of dollars frequently had a par value of ten cents or one dollar. If the \$20 million par value were attained, the university would receive three-quarters of the income, and above \$30 million, all of the income would go to the university.

At the present time, the chancellor continued, the available income was about half a million dollars per year, which the Regents were required to expend in a specified order: first, for ten Vilas undergraduate scholarships; second, for ten Vilas graduate fellowships; third, for 16 Vilas professorships. If money remained, it was to go to the scholarships and fellowships categories, then to retirement benefits for individuals who had been Vilas professors for at least 15 years, and then to special one-time funding allowances for professors who needed additional support. Each of the professors received a \$10,000 component of salary and a \$15,000 auxiliary allowance for research expenses. In addition, there was the music support program which was provided for in a separate section of the will, the amount allocated for the music program being limited to one-tenth of a percent of the capital of the trust. For this purpose, the capital was not defined as par value, and therefore about \$20,000 a year was received for music programs.

It was moved by Regent Schilling, seconded by Regent Finlayson and carried unanimously that the following resolution be adopted:

Resolution 2802: That the Board of Regents of the University of Wisconsin System gratefully accepts the proffer by the Trustees of the William F. Vilas Trust Estate (copy dated April 25, 1983, on file), of the sum of \$564,500 for the year 1983-84 for the maintenance of the scholarships, fellowships, and professorships (with their respective auxiliary allowances) to be expended in the following order:

- (1) Continuation of 10 Vilas Undergraduate Scholarships at \$400.00 each \$ 4,000.00

## (2) Continuation of 10 Vilas Graduate Fellowships:

a. 5 at \$600.00 each	\$ 3,000.00	
b. 5 traveling fellowships at \$1,500.00 each	<u>\$ 7,500.00</u>	

\$10,500.00

## (3) Continuation of 16 Vilas Research Professorships plus auxiliary allowances for the academic year as follows:

Leonard Berkowitz - Vilas Research Professor  
in Psychology, College of Letters and Science,  
UW-Madison

Salary	\$10,000.00	
Auxiliary Allowance	<u>\$15,000.00</u>	

\$25,000.00

R. Byron Bird - Vilas Research Professor of  
Chemical Engineering, College of Engineering,  
UW-Madison

Salary	\$10,000.00	
Auxiliary Allowance	<u>\$15,000.00</u>	

\$25,000.00

George E. P. Box - Vilas Research Professor of  
Mathematics and Statistics, College of Letters  
and Science, UW-Madison

Salary	\$10,000.00	
Auxiliary Allowance	<u>\$15,000.00</u>	

\$25,000.00

Winston J. Brill - Vilas Research Professor of  
Bacteriology, College of Agricultural and  
Life Sciences, UW-Madison

Salary	\$10,000.00	
Auxiliary Allowance	<u>\$15,000.00</u>	

\$25,000.00

Arthur S. Goldberger - Vilas Research Professor  
of Economics, College of Letters and Science,  
UW-Madison

Salary	\$10,000.00	
Auxiliary Allowance	<u>\$15,000.00</u>	

\$25,000.00

Reinhold Grimm, Vilas Research Professor of  
Comparative Literature and German, College of  
Letters and Science, UW-Madison

Salary	\$10,000.00	
Auxiliary Allowance	<u>\$15,000.00</u>	

\$25,000.00



Joel F. Handler - Vilas Research Professor in Law, Law School, UW-Madison			
Salary	\$10,000.00		
Auxiliary Allowance	<u>\$15,000.00</u>		\$25,000.00
Ihab Hassan - Vilas Research Professor in English and Comparative Literature, College of Letters and Science, UW-Milwaukee			
Salary	\$10,000.00		
Auxiliary Allowance	<u>\$15,000.00</u>		\$25,000.00
Jost Hermand - Vilas Research Professor in German, College of Letters and Science, UW-Madison			
Salary	\$10,000.00		
Auxiliary Allowance	<u>\$15,000.00</u>		\$25,000.00
H. Jerome Keisler, Vilas Research Professor of Mathematics, College of Letters and Science, UW-Madison			
Salary	\$10,000.00		
Auxiliary Allowance	<u>\$15,000.00</u>		\$25,000.00
Robert J. Lampman - Vilas Research Professor of Economics, College of Letters and Science, UW-Madison			
Salary	\$10,000.00		
Auxiliary Allowance	<u>\$15,000.00</u>		\$25,000.00
Henry A. Lardy - Vilas Research Professor of Biological Sciences, College of Agricultural and Life Sciences and Graduate School, UW-Madison			
Salary	\$10,000.00		
Auxiliary Allowance	<u>\$15,000.00</u>		\$25,000.00
Willard F. Mueller - Vilas Research Professor of Agricultural Economics, College of Agricultural and Life Sciences, UW-Madison			
Salary	\$10,000.00		
Auxiliary Allowance	<u>\$15,000.00</u>		\$25,000.00
Walter Rudin - Vilas Research Professor of Mathematics, College of Letters and Science, UW-Madison			
Salary	\$10,000.00		
Auxiliary Allowance	<u>\$15,000.00</u>		\$25,000.00

Barry Trost - Vilas Research Professor of Chemistry,  
College of Letters and Science, UW-Madison

Salary	\$10,000.00	
Auxiliary Allowance	<u>\$15,000.00</u>	\$25,000.00

Jan Vansina - Vilas Research Professor of  
History, College of Letters and Science,  
UW-Madison

Salary	\$10,000.00	
Auxiliary Allowance	<u>\$15,000.00</u>	\$25,000.00

(4) a. Continuation of 50  
additional scholarships  
at \$400.00 each \$20,000.00

b. Continuation of 50  
additional fellowships  
at \$600.00 each \$30,000.00

\$50,000.00

(5) Continuation of eighty (80)  
additional scholarships at  
\$400.00 each under the  
provisions of Paragraph E,  
Article Fourth of the Deed of Gift  
and Conveyance by the Trustees  
of the Estate of William F. Vilas

\$32,000.00

As to the one hundred thirty (130) additional Vilas  
scholarships and the fifty (50) additional Vilas  
fellowships provided for in four (4) and five (5) above,  
the Regents are to bear in mind the provisions of the Will  
requiring that the additional fellowships shall be  
(a) awarded to graduates of the University of Wisconsin,  
and (b) the further provisions of the Will that "for at  
least one-fifth of these scholarships and fellowships the  
Regents shall prefer in appointment among worthy and  
qualified candidates those of Negro blood, if such present  
themselves. Otherwise than as aforesaid, they shall be  
governed by the Regents in like manner as those first  
above provided for."

(6) Retirement benefits for the  
following retired Vilas Professors:

David Fellman	\$ 2,500.00
J. Willard Hurst	\$ 2,500.00
Antonio Sanchez-Barbudo	\$ 2,500.00
William Sewell	\$ 2,500.00
John Willard	<u>\$ 2,500.00</u>

\$12,500.00



presented to the Board in early fall. The Committee requested that Vice President Lyall consult with members as the study design was being created, and as with earlier reports, it was hoped the academic staff study would involve basic consideration of key issues, and not become caught up in specific issues on individual campuses. The Committee also urged that the project proceed as quickly as possible.

*X* Professorship - James R. McManus-Bascom

*Michael J. Houston, Professor in Marketing, School of Business, UW-Madison, R 2804, p.19*

Regent Schilling moved adoption of Resolution 2804. The motion was seconded by Regent Fish and unanimously carried.

*X ref* Resolution 2804: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Michael J. Houston be changed from Professor, School of Business, University of Wisconsin-Madison, to James R. McManus-Bascom Professor in Marketing, School of Business, University of Wisconsin-Madison, effective immediately with no change in salary. (Auxiliary allowance \$15,000 annually)

*Michael J. Houston same entry as above*

*X* Professorship - Harold R. Wolfe - Robert Auerbach, named Harold R. Wolfe Professor, Dept. of Zoology, College of Letters & Science, UW-Madison, R 2805, p.19

It was moved by Regent Schilling and seconded by Regent Finlayson that the following resolution be adopted:

*X ref - Robert Auerbach - same entry as above*

Resolution 2805: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Robert Auerbach be changed from Professor, Department of Zoology, College of Letters and Science, University of Wisconsin-Madison, to Harold R. Wolfe Professor, Department of Zoology, College of Letters and Science, University of Wisconsin-Madison, effective July 1, 1983.

Regent Lawton asked if only a change in name was involved, inasmuch as no auxiliary allowance was listed.

In reply, Chancellor Shain indicated that this resolution, along with the following four, involved five-year appointments to Wisconsin Alumni Research Foundation professorships, which included substantial research grants.

Put to the vote, Resolution 2805 was unanimously adopted.

Regent Schilling moved adoption of the following resolution. The motion was seconded by Regent Fish and voted unanimously.

Professorship - Pafnutii L'vovich Chebyshev - Carl de Boer - 20  
named

Resolution 2806: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Carl de Boer be changed from Professor, Department of Mathematics and Department of Computer Sciences, College of Letters and Science, University of Wisconsin-Madison, to Pafnutii L'vovich Chebyshev Professor, Department of Mathematics and Department of Computer Sciences, College of Letters and Science, University of Wisconsin-Madison, effective July 1, 1983.

X ref - Carl de Boer - same as above

UW-Madison  
R 2806, p. 20

Upon motion by Regent Schilling, seconded by Regent Zirbel, Resolution 2807 was unanimously adopted.

Professorship - John Hasbrouck Van Vleck - Vernon D. Barger named

Resolution 2807: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Vernon D. Barger be changed from Professor, Department of Physics, College of Letters and Science, University of Wisconsin-Madison, to John Hasbrouck Van Vleck Professor, Department of Physics, College of Letters and Science, University of Wisconsin-Madison, effective July 1, 1983.

X ref - Vernon D. Barger - same as above

UW-Madison  
R 2807, p. 20

It was moved by Regent Schilling, seconded by Regent Finlayson and carried unanimously that the following resolution be adopted:

Resolution 2808: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of Stewart Macaulay be changed from Professor, Law School, University of Wisconsin-Madison, to Malcolm Pitman Sharp Professor, Law School, University of Wisconsin-Madison, effective July 1, 1983.

Professorship - Malcolm Pitman Sharp - Stewart Macaulay named

R. 2808, p. 20

Resolution 2809 was unanimously adopted, upon motion by Regent Schilling, seconded by Regent Finlayson.

X ref - Stewart Macaulay - same as above

Professorship - Rupert Emerson - M. Crawford Young named

Resolution 2809: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, the status of M. Crawford Young be changed from Professor, Department of Political Science, College of Letters and Science, University of Wisconsin-Madison, to Rupert Emerson Professor, Department of Political Science, College of Letters and Science, University of Wisconsin-Madison, effective July 1, 1983.

X ref - M. Crawford Young - same as above R 2809, p. 21 UW-Madison

X UW-Oshkosh - staff - Authorization to recruit, Dean, College of Business Administration R 2810, p. 21

Adoption of the following resolution was moved by Regent Schilling, seconded by Regent Zirbel and carried unanimously:

Resolution 2810: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Oshkosh, the Chancellor be authorized to recruit for Dean, College of Business Administration.

Regent Schilling inquired as to whether there was desire for Regent involvement in the selection process for this position. No request for participation was made.

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REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Budget - Report of Biennial Budget Working Group on Faculty/Academic Staff Compensation for 1983-85; establishment of UW system negotiating team for 1983-85 compensation proposals to state govt., R 2811, pp 21-24

The first item on the agenda was the report of the Biennial Budget Working Group on Faculty/Academic Staff Compensation for 1983-85, which was considered at a portion of the meeting to which all Regents were invited. Regent Fish stated that an excellent presentation on the document was made by Professor Arthur Atkisson, UW-Green Bay, Assistant Chancellor Charles Bower, UW-Eau Claire, and Professor James Skiles, UW-Madison, Messrs. Bower and Skiles having served as co-chairmen of the Group.

It was moved by Regent Fish and seconded by Regent Schilling that the following resolution be adopted:

Resolution 2811: That, upon recommendation of the President of the University of Wisconsin System, the Board of Regents appoint a UW System negotiating team to present the 1983-85 compensation proposals to the appropriate representatives of state government and to enter into such negotiations as necessary.

X ref 'Compensation' - same as above

The Team shall include seven members: Three Regents, the President and one other member of System Administration, the Co-Chairmen of the System Working Group on Faculty and Academic Staff Compensation and the Chairman of the Faculty and Academic Staff Fringe Benefits Committee. The team shall be chaired by a member of the Board of Regents.

The Team shall seek to gain a 1983-85 compensation plan which will include the following components:

- A.
  1. A long-term competitive component, each year of the biennium, as the first step in a multi-year commitment to bring faculty salaries into a competitive position with salaries of other professionals.
  2. A merit component, to be used selectively each year to recognize and reward superior teaching, research, public service and professional accomplishments.
  3. A retention component, to address the pressing immediate problems of retention of faculty identifiable as critical to existing instructional and research programs.
  4. A fixed component, to be applied each year as a percentage of individual salaries, adequate to prevent further erosion of purchasing power.
- B. The faculty and academic staff benefit program should be improved in these ways:
  1. The state should assume the remaining 1% of the employe's retirement contribution.
  2. The retirement system should be improved. Alternatives to the present formula-based retirement plan should be explored, including increasing the 1.3% of final average salary per year of creditable service in the retirement benefit formula. The goal should be to increase retirement benefits to at least the median level of public employe retirement plans nationally.
- C. The Board of Regents and the administrations should be given flexibility in administering 1983-85 pay plan funds so as to meet the needs of individual institutions.

The Team shall maintain consultation with the Board of Regents during negotiations and, on the basis of such consultation, shall be authorized to act for the Board of Regents on any modifications in the structure of the pay plan advanced by state government, and deemed reasonable by the Team. It shall also be authorized to speak for the Regents in statements to the public, or in developing such further representations to the Joint Committee on Employment Relations as it deems necessary by reason of the proposals brought by the Department of Employment Relations to that Committee.

The Team shall report from time to time to the Regents and the University community on the progress of its negotiations.

(The report of the Biennial Working Group on Faculty and Academic Staff Compensation for 1983-85 is included as EXHIBIT B.)

Regent Nikolay did not feel the resolution was strongly enough worded to indicate there should be more concern with the salaries of younger faculty members--those just beginning their careers with families to support and pay of only \$17,000-\$20,000. He was not greatly worried, he added, about those who earned \$40,000-\$50,000, which was a reasonably good income, especially in less metropolitan areas.

Regent Heckrodt remarked that the resolution provided flexibility to utilize funding in the areas of most urgent need. While he thought Regent Nikolay's point was well taken, he felt that to state such an emphasis in the resolution would defeat the purpose of allowing flexibility.

It was noted by Regent Nikolay that the resolution itself was worded in very vague, general terms.

In improving the retirement system, Regent Grover suggested that consideration be given to maintaining the age 62 option, as a means of providing access for fine young faculty and thus allowing the university to renew itself.

While she was not impressed by the language of the resolution, Regent Conroy said she had supported it because she was shocked by the low level of salaries. What was at issue in this discussion, she thought, was the best strategy to employ in approaching the problem. Indicating that she might not have chosen this type of low-key approach, she said that she would watch with interest to see how well it worked in improving the status of faculty. "We certainly need more money than is currently being distributed among the faculty. In addition to not knowing how you get that money, I'm not too sure that we know exactly how to distribute it in the most appropriate way. I would like to make it very clear, though, that I am concerned about these very low salaries."



Regent Schilling agreed that the resolution had a strategic bent, in terms of both immediate and long-range needs. He, too, was bothered somewhat that the bland, procedural tone of the resolution did not reflect the gravity of the situation, as presented in the report. "It doesn't first say we have a very, very serious problem here. That ought to be the first sentence, and then it ought to go on."

Regent Lawton thought the negotiating team would get the message to be tough. His interpretation of what was said at the Committee meeting was that the intent would be to determine the lay of the land in initial negotiating sessions, after which an additional Regent meeting might be needed to discuss future steps.

It was observed by Regent Fish that the negotiating team was composed of three Regents, the System President and one other System Administration official, the Co-Chairmen of the System Working Group on Faculty/Academic Staff Compensation, and the Chairman of the Faculty/Academic Staff Fringe Benefits Committee. It appeared to him unlikely that any of those individuals would not present the need as forcefully as possible.

The question was put on Resolution 2811, and it was unanimously adopted.

*X Budget - Report of Legislature's Joint Committee on Finance recommendations for '84 System, - p. 24*

Continuing the report of the Business and Finance Committee, Regent Fish summarized an update on the 1983-85 biennial budget and actions of the Legislature's Joint Committee on Finance at its meeting on April 28. That Committee had reduced the Governor's recommendations by about \$3 million and decided to finance instruction and library improvements entirely with academic fee revenue. Major actions taken by the Joint Committee were:

1. Transfer of \$7.5 million for instruction and libraries from general purpose revenues to student fees. This would result in resident undergraduate students paying about 27.5 percent of costs, which was an increase of a half of one percent from the 27 percent that the Regents and the Governor had proposed. The Wisconsin Higher Education Grant appropriation would be increased by \$1 million to offset the fee increases to some extent.
2. Deletion of \$1.8 million of general purpose revenues from the university portion of the economic development package. The university would still be included in Department of Development funding, and an extra \$500,000 was added to the DOD budget.
3. Deletion of faculty recognition funding of \$500,000 each year.

The Committee next considered the auxiliary and segregated fee budget for 1983-84. Noting that the average increase was well under four percent, Vice President Lorenz outlined funding policies for the different types of auxiliaries, including residence halls, student centers, intercollegiate athletics, and parking. Mr. Robert J. Clancey, Director of Auxiliary Operations, explained the proposed budgets in greater detail, adding that,

due to favorable bids on food contracts at three campuses, there might be some downward adjustments in the board rates at those institutions, but that there would be no increase beyond what was indicated. Impact of the bids was to be fully analyzed later in the month, and any revisions would be reported to the Regents in June.

Upon motion by Regent Fish, seconded by Regent Conroy, the following resolution was voted unanimously:

*Fees - Segregated - same as of re*

*Auxiliaries*

Resolution 2812: That, upon recommendation of the respective Chancellors and the President of the System, the University of Wisconsin System's operating budget for the fiscal year July 1, 1983, through June 30, 1984, for Auxiliary Enterprises and Segregated Fee Operations, including user charges and other items reflected in Book B, 1983-84 Annual Budget Documentation, May 1983, as presented to the Board and on file with the records of this meeting be approved; and that System Administration, together with the institutions, be authorized to revise and approve budgets in accordance with actual enrollment experience for the first semester 1983-84, or other significant economic factors which necessitate a budget change, subject to approval by the Board of any room and board or segregated fee rate change. Any new programs to be funded by the segregated fee or user charge are subject to review and prior approval by System Administration.

Regent Fish reported that the University of Wisconsin Hospital and Clinics' 1983-84 budget was presented to the Committee by Superintendent Gordon Derzon, who noted that the budget had been approved by the Hospital Council of Trustees, the UW-Madison Chancellor's office and System Administration. He outlined achievements in the past year and operational objectives for the subsequent year, pointing out that a slight increase in patient days and in outpatient visits was being projected for next year. The requested rate increase of 5.4 percent at University Hospital and Clinics would generate additional revenue of approximately \$5.5 million, leaving a net loss in the budget of \$1,124,000 which would be covered by cash available at the beginning of the year. Even with the loss, the hospital would be able to maintain an operating fund cash balance of \$2,100,000, which was consistent with the Wisconsin State Review Board's guidelines. The hospital was budgeted at a loss because of the Review Board requirement that a surplus of a certain level must be reduced in the budget.

Regent Lawton, Chairman of the Council of Trustees, addressed the Committee, expressing appreciation for the excellent job the hospital was doing and informing new Committee members about the Consultation Practice Plan and the Family Practice Clinics.

X Hospitals - Budget

Approval of Hospital & Clinics Budget, R 2813, pp 25-29 - 26 983-84

Regent Fish moved adoption of Resolution 2813, and the motion was seconded by Regent Finlayson.

Resolution 2813: That, upon recommendation of the UW-Madison Chancellor and the President of the System, the University of Wisconsin Hospital and Clinics Operating Budget for the fiscal year July 1, 1983, to June 30, 1984, at an estimated amount of \$105,607,000 be approved, and that the rate changes be effective July 1, 1983; that the University Administration be authorized to make the necessary final accounting adjustments; and that the University Administration be authorized to request approval from the Joint Committee on Finance to assess charges for State patients at University of Wisconsin Hospital and Clinics on the basis of a daily rate of \$205 to be effective July 1, 1983.

In response to an inquiry by Regent Grover about the status of the public patient program, Vice Chancellor Kindig said the university was working with the Legislature to see if the appropriation, which had been exhausted in February, could be restored. The 60-year-old program, he explained, provided for treatment of medically indigent patients at University Hospital, with the state and the county each paying half of the cost. It was not included in the university's budget, being instead an appropriation to the Department of Administration, and it had not been recommended in the Governor's budget for continuation in the next biennium. At present, it was being considered in the context of various general relief proposals. Indicating that prospects for restoring the program were mixed, Dr. Kindig noted that it was important both to the university's teaching mission, accounting for 4-5 percent of the patients at the hospital, and to the counties which referred patients there. While such patients were not being turned away, the hospital needed financial resources to treat them. The current biennial appropriation was \$3.6 million, with about \$4.5 million required for the coming biennium.

Regent Grover pointed out that it would be inconsistent with the Wisconsin Idea for indigent people not to have access to the hospital. While these patients were not being turned away, he thought termination of the program would certainly discourage referral by the counties. Unless fees could be raised to generate monies to treat indigent persons, he was not inclined to vote for the resolution. "Certainly, the university with its resources, its training mode and its level of sophistication should be available to all people in this state. In that sense, we guarantee some equal access to quality medical care."

Chancellor Shain did not feel the university was in a position to raise fees of other patients to pay for what actually was part of the state's welfare system. Noting that a certain amount of medical care in the hospital was not reimbursed and that those costs had to be passed on to other patients, he said there was a limit to how much of that could be done because rate review determined the overall rates of the hospital. Since it was a state program, which would have to be addressed in terms of overall state-level policy with respect to financial support of welfare programs, he thought the matter was really out of the university's hands.

"Nevertheless, when an ill person comes to the hospital, we don't ask whether they've got money before we take care of them. We take care of them, and we worry about reimbursement later."

Observing that the hospital could not continue to treat patients without having the funds to do so, Regent Grover thought the Board should act to address the problem.

The Chancellor expressed hope that the program would be restored, inasmuch as it had over the years had a very positive impact on the quality of health care in Wisconsin.

*Public Patient Program* Regent Fish presiding - *Discussion of UW Hospital & Clinics public patient program's reaffirmation of support for program*  
R 2814  
pp 26-29

Regent Lawton stated that he strongly supported the program, both because it provided access to medical care and because it was valuable from an educational standpoint, inasmuch as the patients involved frequently had difficult medical problems, which prospective physicians needed to observe in order to learn. Remarking that the program's status at this time was essentially a political issue, he said that he and others had been exerting every effort to have the funding restored.

In response to a question by Regent Grover, Regent Lawton explained that, while the hospital's educational component was funded with general purpose revenues, most of its budget was generated by fees.

It was noted by Regent Fish that the decision was not one which the university could make and that he was not sure what action the Regents could take to alter the situation.

Regent Grover observed that one alternative would be to raise fees to cover the cost of the program. Unless there were some means of dealing with the problem, he said he would vote against the resolution, in order to protest erosion of a critical part of the hospital's mission.

Indicating that over \$4 million of uncollectible accounts were already built into this budget, Chancellor Shain explained that the amount would not have to be increased this year to take care of patients who would have been in the program, but that it would have to be increased substantially the following year. He suggested that the current budget be approved, with the understanding that, if the program were not restored, further consideration would be given to the matter in next year's budget.

Regent Heckrodt pointed out that to raise fees would put the hospital at a disadvantage in relationship to others in Madison, thereby lowering the patient load. With the state considering bids for medical service to the many state employees in the area, he felt the university would be in a poor position to compete if fees were increased. "I think it's strictly an obligation of the state in their welfare program and if they don't pick it up, it goes back to the county. But we would place our whole program in jeopardy if we attempted to raise fees to take care of that."

- Regent Lawton presiding -

Put to the vote, Resolution 2813 was approved, with Regents Grover and Nikolay voting "No." Regent Grover subsequently changed his vote to "Aye," following approval of Resolution 2814.

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

Resolution 2814: That the Board of Regents reaffirms its support of the public patient program at the University of Wisconsin Hospital and encourages the Legislature to maintain its appropriation for this program through GPR funding.

Regent Fish asked Regent Lawton and Chancellor Shain if they felt such a resolution would have any adverse effects, to which both responded in the negative. Reaffirming the Council of Trustees' support for the program, Regent Lawton thought the resolution might be helpful in reinforcing the individual efforts which were being made.

Regent Finlayson, who also served on the Council of Trustees, emphasized that the Council was very much aware of the problem. She had no objection to the resolution, she indicated, if the feeling was that it would be useful.

Regent Heckrodt noted that much already was being done to urge restoration of the program. "If we take every issue that comes along and support it to the Legislature, asking for more money, pretty soon we are going to have to establish priorities as to what we are fighting for down there. And I think it would be confusing." Observing that several hours had just been spent discussing the urgency of additional funding for faculty salaries, he stated that he would not be in favor of a special resolution on the public patients' program.

The question was put on Resolution 2814, and it was adopted, with Regent Heckrodt voting "No."

-

In view of adoption of Resolution 2814, Regent Fish asked if Regent Grover and Regent Nikolay wished to change their votes on Resolution 2813.

Regent Grover asked unanimous consent that his vote be changed from "No" to "Aye," with the understanding that Chancellor Shain would bring the matter back in the following year's budget if action were not taken to restore funding to the program.

Responding in the negative to Regent Fish's question, Regent Nikolay expressed hope that the Legislature would recognize the Board's concern about eliminating a program which directly affected great numbers of poor people throughout the state. "It seems to me anything that we can do to convince them that this is not the area in which they ought to be cutting the budget is helpful."

Chancellor Shain affirmed that next year's budget would reflect what had occurred regarding the program.

Regent Fish summarized the Committee's review of the monthly list of gifts, grants, and U.S. government contracts, pointing out that the year's total to date was \$209 million, compared to \$200 million one year previously. For federal grants only, the total was \$161 million, compared to \$164 million a year ago. The month's listing included over \$5 million from the National Institutes of Health, over \$1.5 million from the National Science Foundation and \$1.3 million from the Small Business Administration for UW-Extension.

Adoption of the following resolution was moved by Regent Fish, seconded by Regent Hanson and unanimously carried:

Resolution 2815: That, upon recommendation of the President of the University of Wisconsin System, the gifts, grants and contracts presented at this meeting (copy on file 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.

*Requests - UW-Madison - Acceptance of Ruth L. Spicher's request to Medical School for research in prevention & cure of cancer & heart disease, R 2816, p. 29*

The bequest of Ruth L. Spicher, Milwaukee, Wisconsin, was presented to the Committee. Although Miss Spicher had no formal university affiliation, she was interested in furthering medical research and bequeathed securities to the University of Wisconsin Medical School for research in prevention and cure of cancer and heart disease. The amount of holdings was unknown at this time.

*X ref - Medical School - same as above*

Resolution 2816 was adopted unanimously, upon motion by Regent Fish, seconded by Regent Finlayson.

Resolution 2816: That the bequest of the late Ruth L. Spicher, Milwaukee, Wisconsin, be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the will and that the Trust Officer or Assistant Trust Officer be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the University of Wisconsin-Madison.

*X ref - Ruth L. Spicher - same as above*

Dr. Edward Muzik, Executive Director of The Association of University of Wisconsin Faculties, distributed material and addressed the Committee regarding extension of the early retirement program for senior faculty and academic staff.

*Retirement - Extension of early retirement program for senior faculty & academic staff urged by TAUWF.*

*X ref - (The) Association of UW Faculties - same as above*

Concluding his report, Regent Fish stated that Vice President Lorenz advised the Committee that the estimated year-end free balance for reserve and contingencies should be about \$745,000.

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#### REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Vice Chairman Heckrodt presented the Committee's report.

The Committee approved three concept and budget reports, with authority to plan, bid and construct the projects, two at UW-Madison and one at UW-Stevens Point.

The first was for the 1983-85 Stovall Hall refrigeration system replacement, at a total cost of \$448,000 from GPR-supported general obligation bonding authority. This was a remodeling project for the State Laboratory of Hygiene, located on the UW-Madison campus, and would replace 27-year-old refrigeration apparatus for 17 existing cold storage rooms. Because a considerable number of testing services for the Department of Natural Resources and other state agencies had been added since the original program statement for this project was developed four years previously, the concept and budget report reflected a recommendation that alternate bids should be sought to add up to six additional cold rooms. All work, however, was to be done within the approved budget of \$448,000. Since 17 cold rooms were barely adequate to meet present demands, it was indicated that, if additional rooms were not included in this project, a separate request for them would need to be made, probably at greater cost. In the list of projects for which contracts were awarded since the last meeting, it was noted that there were four with savings ranging from \$53,700 to \$88,600, all of these funds being reverted, which demonstrated that the scope of projects was not always increased when bids were lower than anticipated, just to use the full amount budgeted.

The second concept and budget report was for the UW-Madison 1983-85 Memorial Union food service remodeling-phase II (sub-phases 2 and 3), at a total estimated project cost of \$798,700 from non-GPR program revenues, which was \$2,900 less than the \$801,600 reflected in the capital budget. Preliminary designs by the consultant showed that original plans for a portion of the remodeling were too expensive from a structural point of view, resulting in the decision to separate the work into two sub-phases: (1) remodeling of 2,807 square feet in the Rathskellar to be constructed in summer of 1984 at a cost of \$342,500; and (2) the cafeteria serving line and servery project at a cost of \$456,200, with construction planned for summer of 1985. This did not represent any change in the scope of the project, only in the timing of the two phases.

The third concept and budget report was for the 1981-83 James H. Albertson Learning Resources Center addition at UW-Stevens Point, which included a budget increase of \$198,000 for energy-related work, bringing the total cost to \$8,594,000 from general obligation bonding. First approved as a part of the 1975-77 capital budget and cited by the UW systemwide library study as having the highest priority of need for

additional space, it would eliminate projected library space deficits and satisfy the two most critical space needs: additional shelving (including compact storage) and student study areas. The proposed addition would be on the present site and was selected after other alternatives were reviewed and eliminated as not feasible. Horizontal rather than vertical expansion of the Learning Resources Center would allow more areas within the existing building to be remodeled, along with improving total building efficiency. In addition, state building codes had been revised and did not permit the load on the library structure that vertical expansion would require. Remodeling to be undertaken was minor in nature, including some incidental rearrangement of partitions, as well as floor and ceiling finishes.

It was moved by Regent Heckrodt, seconded by Regent Gerrard and unanimously carried that the following resolution be adopted:

Resolution 2817: That, upon the recommendation of the UW-Madison and UW-Stevens Point Chancellors and the President of the University of Wisconsin System, the concept and budget reports for the following projects be approved and authority be granted to plan, bid and construct, at the costs and from the funding sources indicated:

- Stovall Hall - *Authority granted to plan, bid & construct*  
 - *refrigeration system replacement project*  
 UW-Madison *R 2817, pp 30-31*  
 - *same as above*
- Memorial Union - Building - *Authority granted to plan, bid & construct*  
 - *food service remodeling - phase II*  
 - *ref Bldg/Lnds* *R 2817, pp 30-31*  
 Memorial Union Food Service Remodeling-Phase II  
 (Sub-phases 2 and 3) Project, \$798,700 of Non-GPR  
 Program Revenues
- UW-Stevens Point - Building - *Authority granted to plan, bid & construct*  
 - *James H. Albertson Learning Resources Center addition & budget increase*  
 - *ref Bldg/Lnds* *R 2817, pp 30-31*  
 UW-Stevens Point  
 James H. Albertson Learning Resources Center  
 Addition, with a budget increase of \$198,000, for a  
 revised total project cost of \$8,594,000 (\$8,396,000  
 - GPR-Supported General Obligation Bonding and  
 \$198,000 of GPR-Supported Residual Bonding Authority)

Regent Heckrodt reported that the next agenda item was a request of authority for the City of La Crosse to bid and construct the Badger Street fire lane improvement project at UW-La Crosse, for an estimated total project cost of \$132,500 from the GPR appropriation for assessments, per section 20.865 (3)(b), Wisconsin Statutes.

Requiring city closure of Badger Street from East Avenue to 16th Street, the project would remove the existing paved street, curb and sidewalk and construct an 18-foot-wide fire lane in accordance with approved UW-La Crosse development and transportation plans. Removal of the street and hazardous conflict between pedestrians and auto traffic, which developed since construction of the North Hall classroom building, was



UW-La Crosse - Budget Items

considered important to improving pedestrian circulation and safety.

Because the university owned all the adjacent property, it would be feasible to have the city close this segment of street and construct the fire lane.

*Authorization given the City of La Crosse to bid and construct the Badger Street fire lane improvement project*

Adoption of the following resolution was moved by Regent Heckrodt and seconded by Regent Nikolay:

*at UW-La Crosse, R 2818, pp 31-32*

Resolution 2818: That, upon the recommendation of the UW-La Crosse Chancellor and the President of the University of Wisconsin System, authority be granted for the City of La Crosse to bid and construct the Badger Street Fire Lane Improvement project at UW-La Crosse, for an estimated total project cost of \$132,500 from the GPR appropriation for assessments, per s. 20.865 (3)(b), Wis. Stats.

Referring to documentation for the project, Regent Fish asked if it was stated correctly that the City of La Crosse would build and construct the entire project, including demolition, grading, lighting, concrete paving, drainage facilities, raised planters, benched seating, earth berms, tree removal and plantings. Vice President Winter responded in the affirmative, explaining that a legal opinion rendered with respect to a similar type of project at UW-Stevens Point had found the arrangement to be legal in that it served a legitimate public purpose.

Regent Gerrard observed that, while some cities have the equipment needed to do such work, in other cities projects would be put out on bids.

It was noted by Regent Heckrodt that there was a similar project at UW-Parkside.

Regent Fish pointed out that the project was really a mall construction, since a fire land already existed.

Put to the vote, Resolution 2818 was unanimously adopted.

Hancock Experimental Farms - *Authorization to purchase a 4.8 acre parcel of land at Hancock, Wisconsin R 2819, pp 32-33*

Continuing the report of the Physical Planning and Development Committee, Regent Heckrodt outlined a request from UW-Madison to purchase a 4.8-acre parcel of land at Hancock, Wisconsin, for the College of Agricultural and Life Sciences Experimental Farms, at a cost of \$2,500 from non-GPR program revenues-farm receipts. A triangular area contiguous to the southeast corner of the Hancock Experiment Station, this parcel had two major values to the university, the first being protection of the property line from potential commercial development on the site. It was also a unique area for research since topsoil had been removed for highway construction, leaving behind a very low-nutrient soil which would allow plant breeders several options for special research projects not available on present station land. Appraised at \$4,080 and \$4,320, an option of \$2,500 had been secured. There would be no relocation costs.

*X ref Buildings & Lands - same as above*  
*X ref - Land - Purchases - same as above*

Upon motion by Regent Heckrodt, seconded by Regent Gerrard, the following resolution was adopted unanimously:

Resolution 2819: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to purchase a 4.8 acre parcel of land at Hancock, Wisconsin, for the UW-Madison College of Agricultural and Life Sciences Experimental Farms, at a cost of \$2,500, from non-GPR Program Revenues-Farm Receipts.

*Great Lakes Research Facility - Lease of space 7/1/83 - 3/31/84 at 6080 McKee Road for Sea Grant Program's aquaculture operation,*

*Ref - McKee Road - same as above*  
The Committee next considered requests for approval of three leases at UW-Madison. The first was a terminal nine-month lease extension of the Sea Grant Program's aquaculture operation, to be relocated to the newly acquired Wisconsin DNR fish hatchery facility in Lake Mills by April 1, 1984. The nine-month rental cost for the 12,000 leased square feet of space was \$20,250, to be paid from the Sea Grant Program's GPR operating budget. *R 2820, pp 33-34*

*Family Practice Clinics - Lease of space 7/23 - 6/84 at 1100 Delaplaine Cr. for Family Practice Clinic of Dept of Family Medicine*  
The second lease was for 22,150 square feet of office, clinic and classroom space at 1100 Delaplaine Court for use by the Family Practice Clinic of the Department of Family Medicine, for the period July 1, 1983, through June 30, 1984, with four successive one-year renewal options. As had been the case since July 1, 1975, no rental charge would be assessed for the first year of this new lease. However, it would be subject to annual review, negotiation, and approval by both parties for each of the successive one-year renewal options. *R 2820, pp 33-34*

*Ref - 1100 Delaplaine Court - same as above*  
The third involved renewal of a lease of space in a building located at 905 University Avenue for the period January 1, 1984, through December 31, 1986, at an annual cost of \$57,750, for use by three departments of the Division of Academic Service's Academic Advancement Program. *Lease of space 1/84 - 12/86 for use by 3 departments of the Division of Academic Service's Academic Advancement Program*

Resolution 2820 was moved by Regent Heckrodt, seconded by Regent Nikolay and carried, with Regent Fish voting in support of items (1) and (2), and abstaining on item (3) because of his position as a Trustee of the UW Foundation. *Departments of the Division of Academic Service's Academic Advancement Program*

Resolution 2820: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authorization be granted to lease the following space:

- (1) 6080 McKee Road  
Madison, Wisconsin

Wilton Properties II, Lessor  
4513 Vernon Boulevard  
Madison, Wisconsin

*R 2820, pp 33-34*

12,000 leased square feet of space from July 1, 1983 through March 31, 1984, at a nine-month rental cost of \$20,250 (\$2.25 per square foot), from the Sea Grant program's operating budget (GPR)

- (2) 1100 Delaplaine Court  
Madison, Wisconsin

St. Mary's Hospital, Lessor  
707 South Mills Street  
Madison, Wisconsin

22,150 square feet of office, clinic and classroom space located on the second and third floors of St. Mary's Medical Center for use by the Family Practice Clinic program of the Department of Family Medicine and Practice. The term of the lease is July 1, 1983 through June 30, 1984, with four successive one-year renewal options. (There will be no rental cost assessed during the first year of this new lease but it will be subject to annual review, negotiation and approval by both parties for each of the four successive one-year renewal options.)

- (3) 905 University Avenue  
Madison, Wisconsin

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

7,000 square feet of space for the period January 1, 1984 through December 31, 1986 at an annual cost of \$57,750 from GPR-operating budget funds for use by the Division of Academic Services.

*X UW-Platteville - Bldgs - Increase in budget for energy modifications for Doudna and Ottensman halls R 2821, pp 34-35*

Regent Heckrodt reported on Committee approval of a budget increase of \$36,200 for energy modifications in Doudna and Ottensman halls at UW-Platteville, for the purpose of providing additional capacity in the temperature control air supply systems. It was known this cost would be a part of the project, but because it was difficult to accurately predict the necessary size increases in the air supply compressors, the decision was made to determine these needs after the control system modifications were made, connecting the building to the campus mechanical/electrical monitoring system. This had been accomplished, and the request for an additional \$36,200 was based on an evaluation of actual requirements.

*X Energy Conservation - Increase in budget for energy modifications for UW-Platteville's Doudna + Ottensman halls, R 2821, pp 34-35*

It was moved by Regent Heckrodt, seconded by Regent Nikolay and unanimously carried that the following resolution be adopted:

Resolution 2821: That, upon the recommendation of the UW-Platteville Acting Chancellor and the President of the University of Wisconsin System, authority be granted to increase the budget for the Energy Modifications - Two Buildings (Doudna and Ottensman Halls) at UW-Platteville by \$36,200 of GPR-Capital Improvement Fund Earnings for a revised total project cost of \$441,200.

*X UW-Milwaukee - Bldgs + Grounds - Presentation made regarding the central plaza repairs/replacement project, p. 35*

The Committee heard two special reports regarding UW System plaza projects, which were presented because there had been requests for planning funds for plaza repair/renovations, with approval recently being granted for the UW-Madison Humanities Plaza renovation project concept and budget report. Gilbert Lee, Assistant Chancellor, and Rudolph Tichy, Director of Planning and Construction, UW-Milwaukee, described the central plaza repairs/replacement project on that campus and proposed solutions to the problem. They also spoke about the Sandburg Plaza, which used a different design concept and which had presented no problem. The second report, given by Paul Brown, Director, and John Freeman, State Chief Structural Engineer, of the Division of State Facilities Management, dealt with plaza repairs and replacement for state agencies in general. While Mr. Brown's presentation showed that there have been a number of locations where plazas have been installed with no problems occurring, he did indicate that plaza surfaces, like flat roofs, would ultimately require major repairs or replacement and that the UW-Milwaukee campus, with its limited space, necessitated intensive and multiple use of the existing land area, resulting in higher ongoing costs of maintenance.

The Committee agreed that the presentation should be made before the full Board and asked that Mr. Brown and the UW-Milwaukee staff repeat this information when the UW-Milwaukee plaza project was brought to the Regents, probably at the July meeting.

As a final item, the Committee approved a masonry repairs project for UW-La Crosse and UW-Oshkosh, at a cost of \$90,000 from non-GPR program revenues, for which there had been inspection team reports confirming the need for the requested repairs. Roof repair/replacement projects had already been approved, and it was considered important that the masonry repair precede the roof work.

Resolution 2822 was adopted unanimously, upon motion by Regent Heckrodt and seconded by Regent Nikolay.

X Board of Regents meeting 5/6/83

UW-La Crosse - Bldgs + Land

*Authorization to plan, bid & construct masonry/ caulking repairs on Wentz Residence Hall, R 2822, pp 35-36 - 36*

Resolution 2822: That, upon the recommendation of the UW-La Crosse and the UW-Oshkosh Chancellors and the President of the University of Wisconsin System, authority be granted to plan, bid and construct three masonry/caulking repair type projects (on Wentz Residence Hall at UW-La Crosse and on Domner and Taylor Residence Halls at UW-Oshkosh) at a total cost of \$90,000 from non-GPR Program Revenues.

UW-Oshkosh - Bldgs + Land

*Authorization to plan, bid & construct masonry/ caulking repairs on Taylor Residence Halls, R 2822, pp 35-36*

Regent Heckrodt concluded his report, noting that Regent Nikolay was a former member of the State Building Commission and that he would bring a great deal of valuable expertise to the Physical Planning and Development Committee.

UW-Milwaukee

*Individuals' comment on a personnel issue without permission at Board meeting, p. 36*

UNFINISHED AND MISCELLANEOUS BUSINESS

Although they did not have permission to address the Board, four individuals commented on a personnel issue at UW-Milwaukee. It was pointed out that the issue could not properly be brought to the Regents until all appeal procedures at UW-Milwaukee had been completed.

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At 12:20 p.m., the following resolution, moved by Regent Heckrodt, seconded by Regent Fish, carried on a unanimous roll call vote, with Regents Clusen, Conroy, Finlayson, Fish, Gerrard, Grover, Hanson, Heckrodt, Lawton, Nikolay, Schilling and Zirbel voting "Aye" (12) and no Regents voting "No."

Resolution 2823: That the Board of Regents recess into closed session to consider personnel matters, as permitted by s. 19.85(1)(c), Wis. Stats.

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CLOSED SESSION ACTIONS

The Board arose from closed session at 12:40 p.m., at which time adoption of the following resolution was announced:

Resolution 2824: That, upon the recommendation of the President of the University of Wisconsin System and the Chancellor of the University of Wisconsin-Madison, Cliff F. Thompson be appointed Dean, Law School, and Professor, Law School, UW-Madison, effective August 1, 1983, at an annual salary of \$81,500 for 1983-84.

Law School - Dean - Cliff F. Thompson appointed Dean, Law School, & Professor, Law School, effective 8/1/83, at \$81,500 for 83-84, R. 2824, p.37

Judith A. Temby  
Judith A. Temby  
Secretary

May 26, 1983

Xref - Thompson, Cliff F. - Appointed Dean, Law School, & Professor, Law School, effective 8/1/83, at \$81,500 for 1983-84, R. 2824, p.37

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

UNIVERSITY OF WISCONSIN - MADISON

## GIFT-IN-KIND

1. KEITHLEY INSTRUMENTS, INC.  
CLEVELAND, OH  
KEITHLEY DIGITAL MULTIMETER, MODEL 173A,  
SERIAL #15787  
GIFT-IN-KIND  
MSN L&S PHYSICS
2. MILLER ELECTRIC MANUFACTURING COMPANY  
FITCHBURG, WI  
ONE EACH - MILLER ELECTRIC PULSTAR, 450 AMPERE  
CONSTANT, POTENTIAL PULSED DC, ARC WELDING POWER  
SOURCE, SERIAL #JD 661703  
GIFT-IN-KIND  
MSN ENGR MECHANICAL ENGR
3. EDWARD AMOR - MADISON, WI  
4 PR. NAVY, 1 PR. GRAY POLYESTER TROUSERS; 1 PR.  
BLUE CORDUROY TROUSERS; 1 PR. WHITE COTTON TROUS-  
ERS; 1 PR. LEVIS; 3 TURTLE NECKS; 1 STOCKING CAP;  
1 PR. BLACK LOAFERS; 1 BASEBALL CAP -COSTUME SHOP  
GIFT-IN-KIND  
MSN L&S THEATRE & DRAMA
4. RICHARD HUGHES - MADISON, WI  
1 BROWN WOOL OVERCOAT; 1 TAN TRENCH COAT; 1 NEHRU  
JACKET-VELVET; 1 BROWN LEATHER JACKET; 1 WIND-  
BREAKER JACKET; 1 3 PC. WOOL SUIT FOR THE COSTUME  
SHOP  
GIFT-IN-KIND  
MSN L&S THEATRE & DRAMA
5. TEKTRONIX, INC.  
BEAVERTON, OR  
SCIENTIFIC EQUIPMENT  
GIFT-IN-KIND  
MSN ENGR ENGR EXPER STA MET & MIN
6. DR. KENNETH F. SCHMITT - CHICAGO, IL  
MENS WEAR: BLACK TAIL COAT, MATCHING TROUSERS;  
MIDNIGHT BLUE TUXEDO SUIT; WHITE DINNER JACKET,  
BLACK TROUSERS; GREY DINNER JACKET, BLACK TROUS-  
ERS; VEST; SHIRT TIE; U.S. NAVY BLOUSE & TROUSERS  
GIFT-IN-KIND  
MSN L&S THEATRE & DRAMA
7. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
APPLE MICROCOMPUTER SYSTEM  
GIFT-IN-KIND  
MSN ENGR ENGR EXPER STA CHEM ENGR

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
GRADUATE AND PROFESSIONAL STUDY FELLOWSHIPS GRANT  
PROGRAM  
(BUDGET REDUCED PER MUTUAL AGREEMENT)  
FOR THE PERIOD 09-01-82 THROUGH 08-31-83  
AT A TOTAL COST OF \$75,600.00  
AWARD # GO08200213, MOD. 2  
MSN GRAD ADMINISTRATION ADMIN (144-S115) 8,400.00-
2. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS  
COMMUNITY LIVING/MOBILITY TRAINING PROJECT  
FOR THE PERIOD 09-30-82 THROUGH 09-30-84  
AT A TOTAL COST OF \$47,708.00  
AWARD # FBC 16783, MOD. 1  
MSN GRAD WAISMAN CENTER (144-S613) 35,000.00
3. UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI  
REPRESENTING A TRANSFER OF FUNDS FROM THE  
TINKER FOUNDATION, NEW YORK, NY  
EDWARD LAROCQUE TINKER VISITING PROFESSOR  
IN LATIN AMERICAN AFFAIRS  
MSN L&S ADMINISTRATION (133-B830) 66,204.00

LIBRARIES

1. PETERSON, THOMAS L. BEQUEST - PERU, IL  
PRINCIPAL AND INCOME ARE AVAILABLE FOR  
SPECIAL PURPOSES TO EXPAND OR MAINTAIN N. AMERI-  
CAN HISTORY LIBRARY WHICH IS HOUSED IN ST. HIS-  
TORICAL SOCIETY. AUTHORIZED BY DEAN E. D. CRONON.  
PETERSON, THOMAS L.--NORTH AMERICAN HISTORY  
LIBRARY (TRUST PRINCIPAL)  
MSN L&S HISTORY ( TRUST ) 150,000.00
2. MULTIPLE DONORS  
SPECIAL SUPPORT FOR COOPERATIVE CHILDREN'S  
BOOK CENTER  
MSN L&S LIBRARY SCHOOL (133-D098) 229.35
3. MULTIPLE DONORS  
FRIENDS OF THE STEENBOCK LIBRARY  
MSN LIBR STEENBOCK AG LIB (133-E402) 150.00
4. MULTIPLE DONORS  
FRIENDS OF THE UNIVERSITY LIBRARY FUND  
MSN LIBR GENERAL LIBRARY (133-0822) 5.00
5. MULTIPLE DONORS  
SUPPORT LITHIUM LIBRARY IN THE DEPARTMENT OF  
PSYCHIATRY  
MSN HS-MED PSYCHIATRY (133-9651) 400.00



GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

1. SIR, INC.  
EVANSTON, IL  
SCIENTIFIC INFORMATION RETRIEVAL SYSTEM  
(SIR/DBMS) LICENSE AND CONVERSION AGREEMENT  
AMENDED TO INCLUDE SIR/FORMS CONVERSION  
MSN GRAD ACAD COMPUTG CTR ACAD SAL
2. NATIONAL LABOR RELATIONS BOARD  
WASHINGTON, DC  
COOPERATIVE EDUCATION AGREEMENT-GRADUATE  
EDUCATION PROGRAM  
FOR THE PERIOD 01-21-83 THROUGH 07-20-83  
AWARD # AGR DTD 01-21-83  
MSN L&S IND REL RES INST
3. FIRST WISCONSIN-MADISON  
MADISON, WI  
A/C A. W. SCHORGER TRUST QUARTERLY INCOME  
SCHORGER, A. W. TRUST  
(TRUST INCOME)  
MSN AG&LSC NAT RESOURCES WLIFE ECOL ( TRUST ) 12,412.55
4. ANGEVINE, SHERIE & GERALD \$ 96.41  
CALGARY, ALTA. CANADA  
IRVINE, B. GOODMAN 100.00  
TORONTO, ONT. CANADA  
MULTIPLE DONORS 162.23  
ANGEVINE, DR. D. MURRAY--STUDENT ASSISTANCE  
(TRUST INCOME)  
MSN HS-MED ( TRUST ) 358.64
5. MEYER, THOMAS M. MEMORIAL FUND  
(TRUST INCOME)  
MSN HS-HSP ADMINISTRATION ADMIN ( TRUST )  
  
1,742.02 MULTIPLE DONORS  
FUND AVAILABLE TO HELP PROVIDE MEDICAL CARE FOR  
NEEDY PATIENTS AND SERVICES FOR THEIR FAMILIES  
FAMILIES  
110.00 MULTIPLE DONORS  
  
1,852.02
6. MULTIPLE DONORS  
WOOLSEY, C. N. LECTURES IN NEUROSCIENCE  
(TRUST PRINCIPAL)  
MSN HS-MED ( TRUST ) 100.00
7. CITIBANK A/C WEEKS, LEWIS G.  
QUARTERLY DISTRIBUTION  
WEEKS, LEWIS G. FUND #2  
(TRUST PRINCIPAL)  
MSN L&S GEOL & GEOPHYSCS ( TRUST ) 60,000.00
8. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
CONVERSION OF LIBRARY BIBLIOGRAPHIC RECORDS FOR  
STATEWIDE DATA BASE  
FOR THE PERIOD 01-01-83 THROUGH 09-30-83  
AWARD # PAC 01422  
MSN L&S LIBRARY SCHOOL (144-S968) 4,001.00

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

9. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS  
CONTRACT, MEDICAL ASSISTANCE POLICY & PROGRAM  
RESEARCH SERVICES  
FOR THE PERIOD 02-14-83 THROUGH 06-30-83  
AWARD # FAC 014822  
MSN HS-MED PREVENTIVE MED (144-T106) 9,500.00
10. LABOR, DEPT OF  
WASHINGTON, DC  
IPA ASSIGNMENT AGREEMENT  
FOR THE PERIOD 02-01-82 THROUGH 05-01-84  
AT A TOTAL COST OF \$117,656.00  
AWARD # AGR DTD 12-30-81, MOD. 2  
MSN L&S ECONOMICS (144-R762) 44,208.00
11. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
WOMEN'S HISTORY WEEK  
FOR THE PERIOD 03-06-83 THROUGH 03-12-83  
AWARD # G-FY80-303(L)  
MSN L&S HISTORY (144-S981) 565.00
12. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
AFRICAN CULTURE WEEK  
FOR THE PERIOD 04-01-83 THROUGH 05-31-83  
AWARD # G-FY80-329 (L)  
MSN L&S AFRIC LANG & LIT AFR L&A CT (144-T088) 7,904.84
13. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
SIGN, SYMBOL, SCRIPT THE ORIGINS OF WRITING AND  
THE ALPHABET  
FOR THE PERIOD 03-25-83 THROUGH 10-31-85  
AWARD # G-FY80-333 (L)  
MSN L&S HEBREW & SEM STU (144-T103) 6,895.00
14. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
INTERNATIONAL RESEARCH CONFERENCE ON  
INTERMOLECULAR FORCES AND THE TRANSPORT PROPERTIES  
OF POLYATOMIC MOLECULES; MADISON, WI; JUNE 22 -  
24, 1983  
FOR THE PERIOD 04-01-83 THROUGH 03-31-84  
AWARD # CHE-8218160  
MSN L&S CHEM LAB - THEOR (144-T079) 5,500.00
15. STATE, AGENCY FOR INTERNATIONAL DEVELOP  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:

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1)	EL SALVADOR PROJECT-SUBACCOUNT UNDER 144 N707 FOR THE PERIOD 03-25-83 THROUGH 09-30-83 AWARD # AID/DSAN-CA-0183, MOD. 17 MSN AG&LSC LAND TENURE CTR	(144-T100)	17,730.00
2)	MAURITANIA TRAINING PROJECT-SUBACCOUNT UNDER 144 N707 FOR THE PERIOD 03-25-83 THROUGH 09-30-83 AWARD # AID/DSAN-CA-0183, MOD. 17 MSN AG&LSC LAND TENURE CTR	(144-T101)	189,646.00
3)	MAURITANIA RESEARCH PROJECT-SUBACCOUNT UNDER 144 N707 FOR THE PERIOD 03-25-83 THROUGH 09-30-83 AWARD # AID/DSAN-CA-0183, MOD. 17 MSN AG&LSC LAND TENURE CTR	(144-T102)	172,322.00
16.	VETERANS ADMIN MADISON, WI IN SUPPORT OF THE FOLLOWING:		
1)	SCARCE MEDICAL SPECILIST SERVICE CONTRACT FOR THE PERIOD 10-01-82 THROUGH 09-30-83 AWARD # V607P-854 MSN HS-MED RADIOLOGY	(144-S599)	192,281.00
2)	AGREEMENT TO PROVIDE RADIOTHERAPY SERVICES FOR THE PERIOD 10-01-82 THROUGH 09-30-83 AWARD # V607P-855 MSN HS-MED HUMAN ONCOLOGY RAD THERAP	(144-S658)	67,212.00
17.	VETERANS ADMIN OKLAHOMA CITY, OK PROVISION OF CARDIAC GLYCOSIDE DERIVATIVES FOR THE PERIOD 07-06-82 THROUGH 06-30-83 AT A TOTAL COST OF \$3,009.00 AWARD # PO. 635-D20253, MOD. 1 MSN HS-MED PHARMACOLOGY	(144-S281)	1,004.00
18.	MULTIPLE DONORS DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS	(133-A751)	140.00
19.	MINNESOTA MINING AND MANUFACTURING FOUNDATION, INC. ST. PAUL, MN MECHANICAL ENGINEERING UNRESTRICTED GRANT MSN ENGR MECHANICAL ENGR	(133-B430)	3,000.00
20.	MADISON ROTARY FOUNDATION MADISON, WI SALARY SUPPORT FOR FRIENDS OF THE ARBORETUM COORDINATOR MSN ARBOR ARBORETUM	(133-B663)	3,000.00

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21.	MULTIPLE DONORS DEINSTITUTIONALIZATION PROJECT FUND MSN GRAD WAISMAN CENTER	(133-B695)	301.50
22.	U.W. - MADISON BUSINESS ALUMNI SUPPORTING EDUCATION, INC. MADISON, WI LEASING MANAGEMENT DEVELOPMENT MSN BUS SCH OF BUSINESS	(133-C025)	296.23
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT MSN L&S COMPUTER SCI	(133-D865)	3,000.00
24.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI CLERICAL SUPPORT IN THE DEPARTMENT OF PSYCHIATRY MSN HS-MED PSYCHIATRY	(133-D957)	3,800.00
25.	NATIONAL PORK PRODUCERS COUNCIL WEST DES MOINES, IA PRODUCTION OF NATIONAL PORK PRODUCERS COUNCIL FILMS MSN AG&LSC MEAT & ANIMAL SC	(133-E083)	7,700.00
26.	MULTIPLE DONORS UNIVERSITY OF WISCONSIN HOSPITAL & CLINICS BURN CENTER MSN HS-HSP ADMINISTRATION ADMIN	(133-E213)	350.00
27.	MULTIPLE DONORS DEPARTMENT OF MEDICINE DISCRETIONARY FUND MSN HS-MED MEDICINE ENDOCRINOL	(133-E309)	300.00
28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY GRANT IN THE DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING MSN ENGR ELEC & COMP ENGR	(133-E345)	3,000.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASEBALL SPRING TRIP EXPENSES MSN ATH GENERAL OPERATNS ADMIN	(133-E448)	4,300.00
30.	MINNESOTA MINING AND MANUFACTURING FOUNDATION, INC. ST. PAUL, MN 3M GRANT-IN-AID IN THE DEPARTMENT OF PHYSICS MSN L&S PHYSICS	(133-E558)	5,000.00
31.	MULTIPLE DONORS ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E647)	880.00

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32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDIA LAW CONFERENCE MSN L&S JOURN & MASS COM	(133-E663)	6,000.00
33.	MUSEUM OF SCIENCE AND INDUSTRY CHICAGO, IL SUPPORT CHEMISTRY EXHIBIT FOR THE PERIOD 09-01-81 THRU 07-15-83 AT A \$31,847.05 LEVEL AWARD # P.O.#2297 MSN L&S CHEMISTRY	(133-E851)	6,302.05
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GEOLOGY AND GEOPHYSICS CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S GEOL & GEOPHYSICS	(133-E941)	12,000.00
35.	MULTIPLE DONORS AFFILIATED ORGANIZATION SUPPORT MSN AG&LSC AGRONOMY	(133-E980)	500.00
36.	UNIVERSITY HOSPITAL INTERNISTS MADISON, WI UNIVERSITY HOSPITAL INTERNISTS' PROGRAM SUPPORT MSN HS-MED MEDICINE	(133-F102)	78,784.15
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT IN THE DEPARTMENT OF AGRICULTURAL ECONOMICS MSN AG&LSC ECONOMICS (AGR)	(133-F131)	10,000.00
38.	MULTIPLE DONORS WISCONSIN HERBARIUM FUND MSN L&S BOTANY	(133-F151)	50.00
39.	MULTIPLE DONORS WISCONSIN PUBLIC UTILITIES INSTITUTE MSN BUS SCH OF BUSINESS	(133-F507)	2,530.00
40.	MULTIPLE DONORS SUPPORT ACTIVITIES OF PULMONARY MEDICINE MSN HS-MED MEDICINE PULMON MED	(133-F698)	550.00
41.	MULTIPLE DONORS DISCRETIONARY GRANT IN THE DEPARTMENT OF AFRO-AMERICAN STUDIES MSN L&S AFRO-AM STUDIES	(133-F920)	1,336.35
42.	FRIENDS OF UNIVERSITY OF WISCONSIN HOSPITAL AND CLINICS MADISON, WI PROVIDE TEMPORARY HOUSING FOR PATIENTS AND THEIR FAMILIES MSN HS-HSP ADMINISTRATION ADMIN	(133-G047)	1,000.00

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43.	JAPAN FOUNDATION TOKYO, JAPAN PURCHASE OF BOOKS IN JAPANESE STUDIES MSN L&S E ASIAN LANG&LIT	(133-G078)	3,063.14
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INSTITUTE FOR GERMAN-AMERICAN STUDIES MSN L&S GERMAN GER-AMER R	(133-G082)	8,100.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS	(133-0179)	750.00
46.	WISCONSIN LAW ALUMNI ASSOCIATION MADISON, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL	(133-2128)	2,251.71
47.	AMERICAN MEDICAL ASSOCIATION CHICAGO, IL SUPPORT MEDICAL SCHOOL PROGRAMS MSN HS-MED	(133-2345)	10,027.07
48.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS	(133-5984)	
	50.00 MULTIPLE DONORS 75.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		125.00
49.	SQUARE D FOUNDATION PALATINE, IL COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND MSN ENGR ADMINISTRATION	(133-6370)	2,000.00
50.	MINNESOTA MINING & MANUFACTURING FOUNDATION, INC. ST. PAUL, MN GRANT-IN-AID TO SUPPORT DEPARTMENT OF CHEMICAL ENGINEERING PROGRAMS MSN ENGR CHEMICAL ENGR	(133-7364)	5,000.00
51.	ALCOA FOUNDATION PITTSBURGH, PA SENSORY AND CHEMICAL PROPERTIES OF FOOD FLAVORS MSN AG&LSC FOOD SCIENCE	(133-8343)	7,500.00
52.	AMERICAN SPEECH-LANGUAGE-HEARING ASSOCIATION ROCKVILLE, MD DEFRAY COST OF SALARY OF SECRETARY TO PROFESSOR OF COMMUNICATIVE DISORDERS WHO IS PRESIDENT OF AMERICAN SPEECH-LANGUAGE-HEARING ASSOCIATION MSN L&S COMMUN DISORDERS	(133-8352)	108.45

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53. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
BIOCHEMISTRY DEPARTMENT FUND TO BE USED AT THE  
DISCRETION OF THE DEPARTMENT CHAIRMAN  
MSN AG&LSC BIOCHEMISTRY (133-9329) 2,200.00

## RESEARCH

1. EDWARDS, W. STERLING  
ALBUQUERQUE, NM  
IMMUNOMODULATOR RESEARCH FUND-HUMAN ONCOLOGY  
(TRUST INCOME)  
MSN HS-MED HUMAN ONCOLOGY ( TRUST ) 1,083.33

2. MOTOROLA FOUNDATION  
SCHAUMBURG, IL  
DISCRETIONARY FUND-ELECTRICAL & COMPUTER  
ENGINEERING (TRUST INCOME)  
MSN ENGR ELEC & COMP ENGR ( TRUST ) 3,000.00

3. SOD GROWERS ASSOCIATION OF MID AMERICA  
PEOTONE, IL  
PLANT DISEASE RESEARCH FUND  
(TRUST INCOME)  
MSN AG&LSC PLANT PATHOLOGY ( TRUST ) 1,000.00

4. NORTHWESTERN NATIONAL BANK  
MINNEAPOLIS, MN  
QUARTERLY DISTRIBUTION  
LYNUM, EDITH MEDICAL RESEARCH  
(TRUST INCOME)  
MSN HS-MED ( TRUST ) 783.61

5. ELI LILLY AND COMPANY  
INDIANAPOLIS, IN  
FUND AVAILABLE FOR STUDIES OF HUMAN VITAMIN K  
METABOLISM  
BIOCHEMISTRY STUDY/RESEARCH FUND  
(TRUST INCOME)  
MSN AG&LSC BIOCHEMISTRY ( TRUST ) 35,000.00

6. WISCONSIN ALUMNI RESEARCH FOUNDATION  
MADISON, WI  
FUND IS AVAILABLE FOR SPECIAL RESEARCH  
ON VITAMINS AND HORMONES  
STEENBOCK SPECIAL RESEARCH FUND  
(TRUST INCOME)  
MSN AG&LSC BIOCHEMISTRY ( TRUST ) 80,000.00

7. ACADEMIC PRESS, INC  
NEW YORK, NY  
SCHOOL OF EDUCATION-WISCONSIN CENTER FOR  
EDUCATION RESEARCH (TRUST PRINCIPAL)  
MSN EDUC GENERAL ADMIN DEANS OFF ( TRUST ) 3,831.76

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8. MULTIPLE DONORS  
WISCONSIN CLINICAL CANCER CENTER TRUST FUND  
(TRUST PRINCIPAL)  
MSN HS-MED HUMAN ONCOLOGY ( TRUST ) 416.00
9. MULTIPLE DONORS  
JOHNSON, R. O. LECTURESHIP  
(TRUST PRINCIPAL)  
MSN HS-MED HUMAN ONCOLOGY ( TRUST ) 25.00
10. AGRIC, ECON, STAT, AND COOP SERVICE  
WASHINGTON, DC  
SOCIOECONOMIC ANALYSIS OF WATER POLLUTION  
ABATEMENT IN RURAL AREAS  
FOR THE PERIOD 04-30-82 THROUGH 09-30-85  
AT A TOTAL COST OF \$11,000.00  
AWARD # 58-319V-2-00360, MOD. 1  
MSN AG&LSC ECONOMICS (AGR) (144-S287) 8,000.00
11. AGRIC, FOREST SERVICE  
MADISON, WI  
EFFECTS OF HYDROLYSIS ON FORMALDEHYDE EMISSION  
FOR THE PERIOD 03-01-83 THROUGH 05-31-84  
AWARD # FP-83-0527  
MSN ENGR ENGR EXPER STA CHEM ENGR (144-TO16) 11,500.00
12. AGRIC, SCIENCE AND EDUCATION ADMIN.  
ARLINGTON, VA  
LEADERSHIP AND COORDINATION OF REGIONAL RESEARCH  
PROJECT NC-117  
FOR THE PERIOD 06-01-82 THROUGH 09-30-85  
AWARD # 83-CRSR-2-2077  
MSN AG&LSC ECONOMICS (AGR) (144-T105) 151,017.00
13. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM  
ASHEVILLE, NC  
IN SUPPORT OF THE FOLLOWING:
- 1) GOES ARCHIVE SUPPORT PROGRAM  
FOR THE PERIOD 12-01-79 THROUGH 09-30-83  
AT A TOTAL COST OF \$548,335.00  
AWARD # NABODA-C00008, MOD. 5  
MSN GRAD SPACE SCI&ENG CT (144-P673) 90,756.00
- 2) GOES ARCHIVE SUPPORT PROGRAM - SUBACCOUNT  
FOR THE PERIOD 12-01-79 THROUGH 09-30-83  
AT A TOTAL COST OF \$119,052.00  
AWARD # NABODA-C00008, MOD. 5  
MSN GRAD SPACE SCI&ENG CT (144-R129) 39,642.00
14. EDUCATION, DEPT OF  
WASHINGTON, DC  
RESEARCH AND TRAINING CENTER IN MENTAL  
RETARDATION: IMPROVING COMMUNITY INTEGRATION  
OF MENTALLY RETARDED INDIVIDUALS  
FOR THE PERIOD 03-01-83 THROUGH 02-29-84  
AWARD # G008300148  
MSN EDUC STU IN BEHAV DIS (144-TO15) 350,000.00



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15. DED, NATIONAL INSTITUTE OF EDUCATION  
WASHINGTON, DC  
WISCONSIN RESEARCH AND DEVELOPMENT CENTER FOR  
INDIVIDUALIZED SCHOOLING  
FOR THE PERIOD 12-01-82 THROUGH 11-30-83  
AT A TOTAL COST OF \$1,996,310.00  
AWARD # NIE-G-81-0009, MOD. 1  
MSN EDUC WIS CTR EDUC RES (144-S691) 1,661,310.00
16. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM  
ROCKVILLE, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) CELL MEMBRANE ACTIVITY IN FUNCTIONAL PSYCHOSES  
FOR THE PERIOD 12-01-82 THROUGH 11-30-83  
AT A TOTAL COST OF \$81,633.00  
AWARD # 2 RO1 MH26494-07, MOD. 1  
MSN HS-PSY PSYCHIATRIC INST (144-S717) 18,203.00
- 2) DEVELOPMENTAL DIFFERENCES IN FRIGHT FROM MASS  
MEDIA  
FOR THE PERIOD 04-01-83 THROUGH 03-31-84  
AWARD # 5 RO1 MH35320-03  
MSN L&S COMMUN ARTS (144-T072) 51,920.00
17. DHHS, PHS, CENTER FOR DISEASE CONTROL  
ROCKVILLE, MD  
EXPLORATORY EVALUATION OF VIDEO DISPLAY TERMINAL  
OPERATOR STRESS/STRAIN  
FOR THE PERIOD 06-06-79 THROUGH 02-28-83  
AT A TOTAL COST OF \$160,519.00  
AWARD # 210-79-0034, MOD. 10  
MSN HS-MED PREVENTIVE MED (144-N127) 5,503.00
18. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) CONTROLLED CLINICAL TRIAL TO EVALUATE THE EARLY  
TREATMENT OF DIABETIC RETINOPATHY  
FOR THE PERIOD 09-30-77 THROUGH 06-30-83  
AT A TOTAL COST OF \$1,221,691.00  
AWARD # NO1 EY-7-2148, MOD. 9  
MSN HS-MED OPHTHALMOLOGY (144-K791) 70,295.00
- 2) CONTROLLED CLINICAL TRIAL TO EVALUATE THE EARLY  
TREATMENT OF DIABETIC RETINOPATHY  
FOR THE PERIOD 09-30-77 THROUGH 05-31-83  
AT A TOTAL COST OF \$662,478.00  
AWARD # NO1 EY-7-2139, MOD. 10  
MSN HS-MED OPHTHALMOLOGY (144-K794) 10,000.00
- 3) MEMBRANE RECEPTORS FOR SWEETNESS  
FOR THE PERIOD 05-01-82 THROUGH 04-30-83  
AT A TOTAL COST OF \$114,125.00  
AWARD # 5 RO1 NS17021-02, MOD. 1  
MSN AG&LSC VETERINARY SCI (144-R948) 1,373.00



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|-----|--|------------|------------|--------------|
| 13) | EVALUATION & MANAGEMENT OF BLADDER CARCINOMA<br>FOR THE PERIOD 01-01-83 THROUGH 11-30-83<br>AT A TOTAL COST OF \$25,863.00<br>AWARD # 1 RO1 CA31793-01A1<br>MSN HS-MED SURGERY                       | UROLOGY    | (144-S796) | 11,320.00    |
| 14) | MOLECULAR BIOLOGY OF VISUAL RECEPTOR OUTER<br>SEGMENTS<br>FOR THE PERIOD 02-01-83 THROUGH 01-31-84<br>AT A TOTAL COST OF \$160,719.00<br>AWARD # 2 RO1 EY00463-15, MOD. 1<br>MSN GRAD MOLECULAR BIOL |            | (144-S840) | 7,587.00     |
| 15) | BIOMEDICAL RESEARCH SUPPORT GRANT<br>FOR THE PERIOD 04-01-83 THROUGH 03-31-84<br>AWARD # 2 SO7 RRO7098-18<br>MSN GRAD ADMINISTRATION   | ADMIN      | (144-S881) | 127,144.00   |
| 16) | GERIATRIC MEDICINE ACADEMIC AWARD<br>FOR THE PERIOD 03-01-83 THROUGH 02-29-84<br>AWARD # 5 KO7 AG00164-02<br>MSN HS-MED MEDICINE   | GEN INT MD | (144-S978) | 59,404.00    |
| 17) | MEMBRANE FLUIDITY AND PHOTORECEPTOR FUNCTION<br>FOR THE PERIOD 04-01-83 THROUGH 03-31-84<br>AWARD # 5 RO1 EYO1483-09<br>MSN L&S CHEMISTRY  |            | (144-TO01) | 71,216.00    |
| 18) | STRUCTURE, ORGANIZATION AND EXPRESSION OF SNRNA<br>GENES<br>FOR THE PERIOD 04-01-83 THROUGH 03-31-84<br>AWARD # 5 RO1 GM30220-02<br>MSN HS-MED PHYSIOLOG CHEM  |            | (144-TO07) | 125,392.00   |
| 19) | CHARACTERIZATION OF THE ERYTHROCYTE HEXOSE<br>TRANSPORTER<br>FOR THE PERIOD 04-01-83 THROUGH 03-31-84<br>AWARD # 1 RO1 AM31335-01<br>MSN HS-MED PHYSIOLOGY   |            | (144-TO12) | 80,278.00    |
| 20) | TRANSLATION OF RNA VIRUS MESSENGERS<br>FOR THE PERIOD 04-01-83 THROUGH 03-31-84<br>AWARD # 5 RO1 AI15342-10<br>MSN GRAD BIOPHYSICS   |            | (144-TO19) | 129,137.00   |
| 21) | CANCER CENTER SUPPORT (COMPREHENSIVE)<br>FOR THE PERIOD 04-01-83 THROUGH 03-31-84<br>AWARD # 2 P30 CA14520-11<br>MSN HS-MED HUMAN ONCOLOGY   | CLIN ONCOL | (144-TO21) | 1,142,840.00 |
| 22) | DEMOGRAPHIC STUDIES OF FAMILY STRUCTURE 1960-1980<br>FOR THE PERIOD 04-01-83 THROUGH 03-31-84<br>AWARD # 5 RO1 HD15227-03<br>MSN L&S SOCIOLOGY   |            | (144-TO22) | 126,236.00   |

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23)	NOVEL SYNTHETIC APPROACHES TO ANTITUMOR COMPOUNDS FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 5 RO1 CA20916-07 MSN L&S CHEMISTRY	(144-T024)	109,591.00
24)	ELECTRORETINOGRAPHIC STUDIES IN DIABETIC RETINOPATHY FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 5 RO1 EYO3084-05 MSN HS-MED OPHTHALMOLOGY	(144-T025)	110,305.00
25)	POSTDOCTORAL FELLOWSHIP AWARD FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 1 F32 GMO9379-01 MSN L&S CHEMISTRY	(144-T029)	17,040.00
26)	BRAIN PEPTIDE HORMONES IN CEREBROSPINAL FLUID FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 1 RO1 NS18867-01 MSN HS-PSY PSYCHIATRIC INST	(144-T030)	63,969.00
27)	MOLECULAR GENETICS OF ANTIBIOTIC PRODUCTION FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 1 RO1 GM31925-01 MSN HS-PHR PHARMACY	(144-T031)	127,979.00
28)	THE CHEMISTRY OF SELENIC ACIDS FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 5 RO1 AM23042-05 MSN L&S CHEMISTRY	(144-T033)	59,481.00
29)	NEURONAL PATTERNS AND SYNAPSES IN CULTURED COCHLEA FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 5 RO1 NS15061-05 MSN HS-MED NEUROLOGY	(144-T034)	106,335.00
30)	POSTDOCTORAL FELLOWSHIP AWARD FOR THE PERIOD 05-01-83 THROUGH 04-30-84 AWARD # 5 F32 NS06950-02 MSN GRAD MOLECULAR BIOL	(144-T035)	18,468.00
31)	BIOLOGICAL RESEARCH SUPPORT GRANT FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 2 S07 RRO5435-22 MSN HS-MED ADMINISTRATION DEANS OFFC	(144-T036)	127,360.00
32)	MOLECULAR BIOLOGY AND GENETICS OF TUMOR VIRUSES FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 2 PO1 CA22443-06 MSN HS-MED ONCOLOGY	(144-T037)	374,774.00
33)	BIOCHEMICAL STUDIES IN CHEMICAL CARCINOGENESIS FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 2 PO1 CA22484-06 MSN HS-MED ONCOLOGY	(144-T038)	704,047.00

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34)	REGULATION OF GLUCOSE METABOLISM IN PANCREATIC ISLETS FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 5 RO1 AM28348-03 MSN HS-MED PEDIATRICS	(144-T039)	69,693.00
35)	FRAMESHIFT SUPPRESSORS AND TRANSFER RNA IN YEAST FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 5 RO1 GM26217-05 MSN GRAD MOLECULAR BIOL	(144-T040)	97,327.00
36)	COGNITIVE EFFECTS OF NEONATAL LEAD EXPOSURE IN MONKEYS FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 2 RO1 ES01062-08 MSN L&S PSYCHOLOGY PRIMATE LB	(144-T041)	110,873.00
37)	DEVELOPMENTAL STUDIES ON THE MOTOR SYSTEM FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 5 RO1 NS14428-06 MSN HS-MED ANATOMY GROSS ANAT	(144-T048)	83,068.00
38)	IMMUNOCHEMICAL ANALYSIS OF BACTERIAL RIBOSOME STRUCTURE FOR THE PERIOD 05-01-83 THROUGH 04-30-84 AWARD # 2 RO1 GM22150-09 MSN HS-MED PHYSIOLOG CHEM	(144-T050)	118,992.00
39)	BIOMEDICAL RESEARCH SUPPORT GRANT FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 2 S07 RR05456-21 MSN HS-PHR PHARMACY	(144-T051)	21,922.00
40)	REGULATION OF DEVELOPMENT OF PEPTIDE NEURONS IN GUT FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 9 RO1 AM32978-04 MSN HS-MED ANATOMY GROSS ANAT	(144-T060)	98,626.00
41)	DNA MODIFICATION BY POLYCYCLIC HYDROCARBONS FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 5 RO1 CA16265-09 MSN HS-MED PHARMACOLOGY	(144-T061)	95,045.00
42)	GENETIC ANALYSIS OF TRNAS CODED BY PHAGE T4 FOR THE PERIOD 05-01-83 THROUGH 04-30-84 AWARD # 5 RO1 AI10257-12 MSN AG&LSC BACTERIOLOGY	(144-T063)	216,970.00
43)	SURFACE TRANSFERASE: PROPERTIES AND ROLE IN CELL ADHESION FOR THE PERIOD 04-01-83 THROUGH 03-31-84 AWARD # 5 RO1 GM29131-03 MSN L&S ZOOLOGY	(144-T071)	90,397.00

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- 44) THE THERMOGENIC RESPONSE TO DIETARY PROTEIN  
FOR THE PERIOD 04-01-83 THROUGH 03-31-84  
AWARD # 1 RO1 AM32246-01  
MSN AG&LSC NUTRIT SCIENCES (144-T074) 55,764.00
- 45) TRANSPLANTATION USING AN INTERIM HOST SYSTEM  
FOR THE PERIOD 04-01-83 THROUGH 03-31-84  
AWARD # 1 RO1 AM32213-01  
MSN HS-MED SURGERY GEN SURG (144-T087) 70,153.00
- 46) ANESTHETIC INDUCED CARDIAC DEPRESSION  
FOR THE PERIOD 05-01-83 THROUGH 04-30-84  
AWARD # 5 RO1 GM29527-02  
MSN HS-MED ANESTHESIOLOGY (144-T110) 39,734.00
19. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
RESEARCH TRIANGLE PARK, NC  
REFINEMENT AND USE OF A SHORT-TERM IN VIVO RAT  
LIVER TUMOR MODEL IN THE INVESTIGATION OF  
MECHANISMS OF CARCINOGENESIS  
FOR THE PERIOD 03-15-83 THROUGH 03-14-84  
AWARD # NO1-ES-3-5024  
MSN HS-MED ONCOLOGY (144-T027) 169,853.00
20. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
SILVER SPRING, MD  
PHASE I STUDIES OF NEW ANTICANCER AGENTS  
FOR THE PERIOD 03-01-82 THROUGH 11-30-83  
AT A TOTAL COST OF \$262,491.00  
AWARD # NO1-CM-27549, MOD. 2  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-R895) 150,335.00
21. FRONTIER SCIENCE AND TECHNOLOGY RESEARCH  
FOUNDATION, INC  
AMHERST, NY  
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE  
UW SYSTEM UNDER AGREEMENT FROM DHHS PHS NIH  
EASTERN COOPERATIVE ONCOLOGY GROUP OPERATIONS  
OFFICE  
FOR THE PERIOD 12-01-82 THROUGH 05-31-83  
AT A TOTAL COST OF \$8,984.00  
AWARD # 983W533  
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-S027)
22. THE MAYO FOUNDATION  
ROCHESTER, MN  
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE  
UW SYSTEM UNDER AGREEMENT FROM DHHS PHS NIH  
EASTERN COOPERATIVE ONCOLOGY GROUP OPERATIONS  
OFFICE  
FOR THE PERIOD 01-01-83 THROUGH 05-31-83  
AT A TOTAL COST OF \$20,530.00  
AWARD # 983W710  
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-S027)

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23. ENERGY, DEPT OF  
ARGONNE, IL  
IN SUPPORT OF THE FOLLOWING:
- 1) PLASMA RESEARCH (EXPERIMENTAL-OCTUPOLE & TOKAPOLE:  
THEORETICAL)  
FOR THE PERIOD 10-01-80 THROUGH 12-31-83  
AT A TOTAL COST OF \$2,085,000.00  
AWARD # DE-ACO2-76ET53051, MOD. 14  
MSN L&S PHYSICS (144-Q275) 200,000.00
  - 2) RADIATION DAMAGE STUDIES FOR FUSION REACTORS  
FOR THE PERIOD 10-01-80 THROUGH 10-31-83  
AWARD # DE-ACO1-78ET52019., MOD. 7  
MSN ENGR ENGR EXPER STA NUCL ENGR (144-Q319) 82,000.00
  - 3) SIMULATION AND DESIGN OF PASSIVE PROCESSES  
FOR THE PERIOD 02-05-83 THROUGH 02-04-84  
AT A TOTAL COST OF \$210,113.00  
AWARD # DE-FGO2-81CS30634, MOD. 2  
MSN ENGR ENGR EXPER STA SOLAR ENRG (144-R307) 59,460.00
  - 4) ENERGY BUDGETS OF ANIMALS: BEHAVIORAL AND  
ECOLOGICAL IMPLICATIONS  
FOR THE PERIOD 12-01-81 THROUGH 11-30-84  
AWARD # DE-ACO2-76EVO2270., MOD. 10  
MSN L&S ZOOLOGY (144-R644) 68,000.00
  - 5) FUSION REACTOR PHYSICS & TECHNOLOGY STUDIES  
FOR THE PERIOD 12-01-82 THROUGH 11-30-83  
AT A TOTAL COST OF \$374,290.00  
AWARD # DE-ACO2-78ET52048, MOD. 13  
MSN ENGR ENGR EXPER STA NUCL ENGR (144-S733) 199,290.00
  - 6) FAST NEUTRON DOSIMETRY  
FOR THE PERIOD 01-01-83 THROUGH 12-31-83  
AT A TOTAL COST OF \$125,000.00  
AWARD # DE-ACO2-76EVO1105, MOD. 10  
MSN HS-MED MEDICAL PHYSICS (144-S787) 62,500.00
  - 7) DATABASE MACHINES FOR LARGE STATISTICAL DATABASES  
FOR THE PERIOD 01-16-83 THROUGH 01-15-86  
AT A TOTAL COST OF \$94,937.00  
AWARD # DE-ACO2-81ER10920, MOD. 4  
MSN L&S COMPUTER SCI (144-S819) 49,937.00
  - 8) PRACTICAL SUPERCONDUCTING COMPOSITES FOR FUSION  
QUANTITATIVE UNDERSTANDING AND DESIGN  
FOR THE PERIOD 02-01-83 THROUGH 01-31-86  
AT A TOTAL COST OF \$130,000.00  
AWARD # DE-ACO2-80ER52056, MOD. 7  
MSN ENGR ENGR EXPER STA MET & MIN (144-S843) 65,000.00
  - 9) WAVE LAUNCHER HEATING STUDIES IN THE ION  
CYCLOTRON FREQUENCY RANGE  
FOR THE PERIOD 02-01-83 THROUGH 01-31-84  
AT A TOTAL COST OF \$75,000.00  
AWARD # ED-ACO2-83ER52090, MOD. 1  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-S844) 37,500.00

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24. DEPARTMENT OF ENERGY  
WASHINGTON, DC  
STARCH SYNTHESIS IN THE MAISE ENDOSPERM AS  
AFFECTED BY STARCH-SYNTHESIZING MUTANTS  
FOR THE PERIOD 03-01-82 THROUGH 02-28-85  
AT A TOTAL COST OF \$104,386.00  
AWARD # DE-ACO2-82ER12031, MOD. 1  
MSN AG&LSC GENETICS (144-R828) 55,430.00
25. LAWRENCE LIVERMORE NATIONAL LABORATORY  
LIVERMORE, CA  
PRIME CONTRACTOR WITH DOE  
CHARACTERIZATION STUDY-NB3SN CONDUCTORS  
FOR THE PERIOD 04-01-82 THROUGH 09-30-83  
AT A TOTAL COST OF \$68,757.00  
AWARD # 6962001, MOD. 2  
MSN ENGR ENGR EXPR STA MET & MIN (144-R937) 25,000.00
26. UNIVERSITY OF CALIFORNIA  
LOS ANGELES, CA  
PRIME CONTRACTOR WITH DOE  
TARGET DEVELOPMENT FOR AN EIGHT MEV CYCLOTRON  
FOR THE PERIOD 08-01-82 THROUGH 09-30-83  
AWARD # 400011-0, MOD. 1  
MSN HS-MED MEDICAL PHYSICS (144-S427) 12,446.52
27. INTER, FISH AND WILDLIFE SERVICE  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) FIELD TRAINING IN WATERFOWL RESEARCH METHODS  
FOR THE PERIOD 04-01-83 THROUGH 09-30-83  
AWARD # 14-16-0009-1511-10  
MSN AG&LSC NAT RESOURCES WLIFE ECOL (144-T084) 15,224.00
- 2) THE BIRDS OF PREY ON THE PINON CANYON ARMY  
TRAINING AREA  
FOR THE PERIOD 03-31-83 THROUGH 10-01-83  
AWARD # 14-16-0009-1511-9  
MSN AG&LSC NAT RESOURCES WLIFE ECOL (144-T085) 9,057.00
28. SOCIAL SCIENCE RESEARCH COUNCIL  
WASHINGTON, DC  
PRIME CONTRACTOR WITH LABOR  
DOCTORAL DISSERTATION  
FOR THE PERIOD 03-30-83 THROUGH 03-29-84  
AWARD # SS-55-83-13  
MSN L&S ECONOMICS (144-T083) 13,435.00
29. NATIONAL AERONAUTICS & SPACE ADMIN.  
HOUSTON, TX  
VITAMIN D METABOLITES AND BONE DEMINERALIZATION  
FOR THE PERIOD 04-01-78 THROUGH 01-31-84  
AT A TOTAL COST OF \$306,342.00  
AWARD # NAS9-15580, MOD. 19  
MSN AG&LSC BIOCHEMISTRY (144-L588) 46,000.00



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30. JET PROPULSION LABORATORY  
PASADENA, CA  
PRIME CONTRACTOR WITH NASA  
VAS MULTISPECTRAL SEA SURFACE TEMPERATURE  
RETRIEVALS FOR COMPARISON WITH OTHER IN SITU AND  
REMOPLY SENSED SEA SURFACE TEMPERATURE DATA  
FOR THE PERIOD 03-18-83 THROUGH 12-31-83  
AWARD # 956477  
MSN GRAD SPACE SCI&ENG CT (144-T045) 19,882.00
31. NASA, AMES RESEARCH CENTER  
WASHINGTON, DC  
IDENTIFICATION OF AN UNKNOWN HUMORAL AGENT  
RESPONSIBLE FOR BONE MOBILIZATION  
FOR THE PERIOD 03-01-82 THROUGH 02-29-84  
AT A TOTAL COST OF \$131,000.00  
AWARD # NAG 2-167, MOD. 1  
MSN AG&LSC BIOCHEMISTRY (144-R842) 61,000.00
32. NASA, GODDARD SPACE FLIGHT CENTER  
GREENBELT, MD  
PARTICIPATION IN DEVELOPMENT OF AN IR TEMPERATURE  
SOUNDER FOR A SYNCHRONOUS METEOROLOGICAL SATELLITE  
FOR THE PERIOD 08-31-73 THROUGH 06-15-83  
AT A TOTAL COST OF \$4,051,373.00  
AWARD # NAS5-21965, MOD. 30  
MSN GRAD SPACE SCI&ENG CT (144-E685) 18,000.00
33. NATIONAL AERONAUTICS AND SPACE ADMIN  
WASHINGTON, DC  
STUDIES OF JUPITER'S ATMOSPHERIC CIRCULATION  
AND CLOUD STRUCTURE (DISCIPLINE: ATMOSPHERE)  
FOR THE PERIOD 04-15-82 THROUGH 04-14-84  
AT A TOTAL COST OF \$170,000.00  
AWARD # NAGW-314, MOD. 1  
MSN GRAD SPACE SCI&ENG CT (144-R979) 85,000.00
34. NASA, HEADQUARTERS  
WASHINGTON, DC  
THIN FILM TECHNOLOGY FOR ULTRAVIOLET OPTICAL  
COATINGS  
FOR THE PERIOD 05-01-83 THROUGH 04-30-84  
AWARD # NAGW-435  
MSN L&S AST-SPA AST LAB (144-T066) 28,920.00
35. NASA, MARSHALL SPACE FLIGHT CENTER  
HUNTSVILLE, AL  
APPLICATIONS OF THE AVE-SESAME DATA SETS TO  
MESOSCALE STUDIES  
FOR THE PERIOD 05-13-80 THROUGH 11-30-84  
AT A TOTAL COST OF \$436,944.00  
AWARD # NAS8-33799, MOD. 7  
MSN GRAD SPACE SCI&ENG CT (144-P477) 207,340.00
36. MILWAUKEE PUBLIC MUSEUM  
MILWAUKEE, WI  
SUBCONTRACTOR WITH THE BOARD OF REGENTS OF THE  
UW SYSTEM UNDER AGREEMENT FROM NEH  
SIGN, SYMBOL, SCRIPT THE ORGINS OF WRITING AND  
THE ALPHABET  
FOR THE PERIOD 12-01-82 THROUGH 12-31-85  
AT A TOTAL COST OF \$59,680.00  
AWARD # 752FO65  
MSN L&S HEBREW & SEM STU (144-S793)

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37. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) MOLECULAR APPROACHES TO THE STUDY OF EVOLUTION  
FOR THE PERIOD 04-15-79 THROUGH 10-31-84  
AT A TOTAL COST OF \$223,236.00  
AWARD # DEB-7814197, MOD. 6  
MSN HS-MED PHYSIOLOG CHEM (144-M830) 53,600.00
  - 2) OPERATION OF ALADDIN  
FOR THE PERIOD 12-01-80 THROUGH 05-31-84  
AT A TOTAL COST OF \$4,566,000.00  
AWARD # DMR-8020164, MOD. 4  
MSN GRAD PHY SCIENCES LAB (144-Q446) 362,000.00
  - 3) SERVICE HOST FUNCTIONS AND TECHNICAL SUPPORT OF  
CSNET  
FOR THE PERIOD 01-16-81 THROUGH 12-31-83  
AT A TOTAL COST OF \$1,483,220.00  
AWARD # MCS-8109318, MOD. 3  
MSN L&S COMPUTER SCI (144-Q857) 304,135.00
  - 4) CHEMICAL APPLICATIONS OF ELECTRON AND ION  
SPECTROSCOPY  
FOR THE PERIOD 05-01-82 THROUGH 08-31-84  
AT A TOTAL COST OF \$140,000.00  
AWARD # CHE-8121205, MOD. 2  
MSN L&S CHEMISTRY (144-R913) 65,000.00
  - 5) HISTORICAL CLIMATE OF CHINA AS REVEALED BY ANCIENT  
CHINESE  
FOR THE PERIOD 04-15-82 THROUGH 11-30-84  
AT A TOTAL COST OF \$103,200.00  
AWARD # ATM-8120809, MOD. 1  
MSN L&S METEOROLOGY (144-R930) 54,000.00
  - 6) THEORETICAL STUDIES OF THE MAGNETIC PROPERTIES OF  
SOLIDS  
FOR THE PERIOD 06-01-82 THROUGH 11-30-84  
AT A TOTAL COST OF \$91,200.00  
AWARD # DMR-8203704, MOD. 1  
MSN L&S PHYSICS (144-S016) 46,900.00
  - 7) TESTING AND DIAGNOSIS IN VLSI CIRCUITS AND  
SYSTEMS  
FOR THE PERIOD 07-01-82 THROUGH 12-31-84  
AT A TOTAL COST OF \$125,110.00  
AWARD # MCS-8206564, MOD. 1  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-S154) 72,370.00
  - 8) REACTIVITY OF METAL COMPLEXES WITH POLYCYCLIC  
HYDROCARBON LIGANDS (CHEMISTRY)  
FOR THE PERIOD 08-01-82 THROUGH 01-31-85  
AT A TOTAL COST OF \$96,000.00  
AWARD # CHE-8210497, MOD. 1  
MSN L&S CHEMISTRY (144-S300) 48,000.00

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- 9) AN INTERDISCIPLINARY RESEARCH PROGRAM IN  
CLIMATOLOGY  
FOR THE PERIOD 03-01-83 THROUGH 08-31-84  
AWARD # ATM-8219079  
MSN ENV ST CTR FOR CLIM RES (144-S979) 334,900.00
- 10) SIGNIFICANCE OF CRASSULACEAN ACID METABOLISM AND  
SEDIMENTARY DISSOLVED INORGANIC CARBON IN THE  
PHOTOSYNTHETIC ECONOMY OF SELECTED N. AMERICAN  
ISOETIDS  
FOR THE PERIOD 04-01-83 THROUGH 09-30-85  
AWARD # BSR-8212340  
MSN ENV ST CTR BIOTIC SYSTS (144-T032) 75,000.00
- 11) DERIVING RAINFALL RATE DISTRIBUTIONS WITH OPTIMAL  
SPATIAL RESOLUTION FROM NIMBUS 7/SMMR MICROWAVE  
DATA  
FOR THE PERIOD 03-01-83 THROUGH 08-31-84  
AWARD # ATM-8212424  
MSN GRAD SPACE SCI&ENG CT (144-T044) 21,647.00
- 12) DERIVING RAINFALL RATE DISTRIBUTIONS WITH OPTIMAL  
SPATIAL RESOLUTION FROM NIMBUS 7/SMMR MICROWAVE  
DATA  
FOR THE PERIOD 03-01-83 THROUGH 08-31-84  
AWARD # ATM-8212424  
MSN ENGR ELEC & COMP ENGR (144-T070) 11,753.00
- 13) PROBABILITY MEASURES ON VECTOR SPACES: BASIC  
RESULTS AND APPLICATIONS  
FOR THE PERIOD 05-01-83 THROUGH 10-31-84  
AWARD # MCS-8219742  
MSN L&S MATHEMATICS (144-T073) 17,600.00
- 14) STUDIES OF THE NATURE AND FORMATION OF A POSSIBLE  
SUPERMASSIVE STAR IN THE LARGE MAGELLANIC CLOUD  
FOR THE PERIOD 04-01-83 THROUGH 09-30-84  
AWARD # AST-8301750  
MSN L&S ASTRONOMY (144-T080) 55,800.00
- 15) EFFECTS OF MEDIA EXPOSURE ON ATTITUDES AND  
AGGRESSION  
FOR THE PERIOD 04-15-83 THROUGH 09-30-84  
AWARD # BNS-8216772  
MSN L&S COMMUN ARTS (144-T109) 64,453.00
38. MICHIGAN STATE UNIVERSITY  
EAST LANSING, MI  
PRIME CONTRACTOR WITH STATEAID  
IMPROVED TECHNIQUES FOR DEVELOPMENT OF MULTIPLE  
DISEASE RESISTANCE IN PHASEOLUS VULGARIS L  
FOR THE PERIOD 05-01-82 THROUGH 06-30-85  
AT A TOTAL COST OF \$154,132.00  
AWARD # AID/DSAN/XII-G-0261, MOD. 2  
MSN AG&LSC PLANT PATHOLOGY (144-S176) 62,612.00

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39.	VETERANS ADMIN MADISON, WI SALARY SUPPORT OF RA TO PREPARE RADIOLABELLED FLUOROMETHANE FOR THE PERIOD 01-24-83 THROUGH 06-30-83 AWARD # 607/D30251, MOD. 1 MSN HS-MED MEDICAL PHYSICS	(144-S852)	3,360.00
40.	DISTILLERS FEED RESEARCH COUNCIL CINCINNATI, OH RESISTANCE OF PROTEIN CONTAINED IN DDGS, DDG AND DDS TO MICROBIAL DEGRADATION IN THE RUMEN MSN AG&LSC DAIRY SCIENCE	(133-A057)	4,500.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND IN THE DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-A238)	15,328.74
42.	CANCER RESEARCH- MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	
	467.00	MULTIPLE DONORS IN MEMORY OF DR. B.F. KUKACHKA	
	45.00	MULTIPLE DONORS	
	65.00	MULTIPLE DONORS	
	1,000.00	COMMUNITY CHEST LITTLE WOLF, MANAWA ROYALTON UNION MANAWA, WI	
	90.00	MULTIPLE DONORS	
	35.00	MULTIPLE DONORS	
			1,702.00
43.	CANCER RESEARCH MSN HS-MED	(133-A251)	
	260.00	MULTIPLE DONORS	
	650.00	OOSTBURG AREA UNITED FUND, INC. OOSTBURG, WI	
	2,500.00	UNITED FUND OF NEW LONDON NEW LONDON, WI	
			3,410.00
44.	HEART RESEARCH MSN HS-MED	(133-A252)	
	260.00	MULTIPLE DONORS	
	650.00	OOSTBURG AREA UNITED FUND, INC. OOSTBURG, WI	
			910.00

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45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GYNECOLOGY AND OBSTETRICS RESEARCH AND DEVELOPMENT FUND MSN HS-MED OBSTET & GYNECOL	(133-A522)	20,600.00
46.	DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	(133-A525)	
	10,000.00	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
	19,125.00	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
			29,125.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF OPHTHALMOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED OPHTHALMOLOGY	(133-A526)	24,178.03
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF PATHOLOGY MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-A530)	30,764.54
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF NEUROLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED NEUROLOGY	(133-A533)	14,500.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	(133-A534)	232,588.85
51.	MULTIPLE DONORS PEA AND SOYBEAN RESEARCH MSN AG&LSC AGRONOMY	(133-A593)	683.34
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENERGY STORAGE PROJECT MSN ENGR ENGR EXPER STA SUPRCONDCT	(133-A797)	60,000.00
53.	DIAMOND SHAMROCK CORPORATION CLEVELAND, OH ORCHARD FRUIT DISEASES AND THEIR CONTROL MSN AG&LSC PLANT PATHOLOGY	(133-B497)	4,500.00

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54.	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI FIELD CROP DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-B522)	2,400.00
55.	C.O.U. HOLDING ASSOCIATION, INC. TORONTO, ONTARIO, CANADA NONMETROPOLITAN POPULATION TRENDS MSN AG&LSC SOCIOLOGY(RURAL)	(133-C551)	639.28
56.	MULTIPLE DONORS HERBICIDE RESEARCH MSN AG&LSC UNIV EXPTL FARMS MARSHFIELD	(133-C891)	66.00
57.	BASF WYANDOTTE CORPORATION PARSIPPANY, NJ CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-C975)	1,000.00
58.	VEGETABLE DISEASE RESEARCH MSN AG&LSC PLANT PATHOLOGY	(133-D374)	
	500.00 MULTIPLE DONORS		
	1,998.00 DIAMOND SHAMROCK CORPORATION CLEVELAND, OH		
			2,498.00
59.	MULTIPLE DONORS WOMEN'S STUDIES RESEARCH CENTER MSN L&S WOMEN'S STUDIES RESRCH CTR	(133-D392)	500.00
60.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY PHARMACOKINETIC STUDY OF PIPERACILLIN IN PATIENTS WITH AND WITHOUT RENAL IMPAIRMENT MSN HS-MED MEDICINE	(133-D435)	6,633.33
61.	UPJOHN COMPANY KALAMAZOO, MI INFECTIOUS DISEASE RESEARCH MSN HS-MED MEDICINE INFECT DIS	(133-D828)	5,000.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND FOR HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-D926)	1,667.00
63.	KELLOGG (W.K.) FOUNDATION BATTLE CREEK, MI KELLOGG NATIONAL FELLOWSHIP FOR THE PERIOD 07-01-80 THRU 06-30-83 AT A \$31,489.35 LEVEL MSN L&S SOCIAL WORK	(133-D999)	1,100.00

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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

64.	HORTICULTURAL RESEARCH INSTITUTE, INC. WASHINGTON, DC USE OF MICROCULTURE IN THE PRODUCTION AND IMPROVEMENT OF WOODY NURSERY CROPS MSN AG&LSC HORTICULTURE	(133-E162)	2,000.00
65.	KIMBERLY-CLARK CORPORATION NEENAH, WI VIRAL INTERRUPTION STUDY FOR THE PERIOD 10-01-80 THRU 06-30-83 AT A \$360,000 LEVEL MSN HS-MED PREVENTIVE MED	(133-E310)	110,000.00
66.	UPJOHN COMPANY KALAMAZOO, MI UPJOHN GRADUATE FELLOWSHIP IN CARCINOGENESIS MSN HS-MED ONCOLOGY	(133-E395)	8,000.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HYPERTHERMIA RESEARCH MSN HS-MED HUMAN ONCOLOGY	(133-E770)	8,000.00
68.	ELM RESEARCH INSTITUTE HARRISVILLE, NH DEVELOPMENT OF AN AMERICAN ELM RESISTANT TO DUTCH ELM DISEASE MSN AG&LSC PLANT PATHOLOGY	(133-E773)	20,000.00
69.	PERSONAL PRODUCTS MILLTOWN, NJ TOXIC SHOCK SYNDROME RESEARCH MSN AG&LSC FOOD MICRO&TOXIC	(133-E869)	92,950.00
70.	MULTIPLE DONORS ONION, CARROT AND GARDEN BEET BREEDING MSN AG&LSC HORTICULTURE	(133-E907)	500.00
71.	MULTIPLE DONORS PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-E939)	133.75
72.	UPJOHN COMPANY KALAMAZOO, MI LODOXAMIDE TROMETHAMINE PROTOCOL 3320 MSN HS-MED MEDICINE ALLRGY&IMM	(133-E968)	350.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PRODUCTION ENGINEERING RESEARCH MSN ENGR ENGR EXPER STA MECH ENGR	(133-FO45)	100,000.00
74.	ABBOTT LABORATORIES NORTH CHICAGO, IL ONCE-A-DAY ADMINISTRATION OF TERAZOSIN (5.0 MGM) VS. PLACEBO MSN HS-MED MEDICINE GEN INT MD	(133-FO49)	14,603.48

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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

75.	UPJOHN COMPANY KALAMAZOO, MI PHARMACOKINETICS OF MICRONASE IN PATIENTS WITH REDUCED RENAL FUNCTION MSN HS-PHR PHARMACY	(133-F050)	9,800.00
76.	MULTIPLE DONORS IN MEMORY OF MARY L. KRANOV, OHIO, IL CARDIOVASCULAR SURGERY HEART RESEARCH FUND MSN HS-MED SURGERY	THORACIC S (133-F069)	100.00
77.	BOEHRINGER INGELHEIM LTD. RIDGEFIELD, CT WISCONSIN PHARMACEUTICS RESEARCH LABORATORY MSN HS-PHR PHARMACY	(133-F098)	15,000.00
78.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI EXPOSURE THERAPIST SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-F119)	6,152.00
79.	MULTIPLE DONORS GRASS VARIETY TESTING MSN AG&LSC AGRONOMY	(133-F169)	800.00
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GASTROENTEROLOGY SUPPORT MSN HS-MED MEDICINE	GASTROENT (133-F182)	3,000.00
81.	RESEARCH IN KIDNEY TRANSPLANTATION MSN HS-MED SURGERY	(133-F197)	
	200.00 MULTIPLE DONORS		
	525.00 MULTIPLE DONORS IN MEMORY OF LUCILLE RAMBO		
			725.00
82.	GULF OIL EXPLORATION AND PRODUCTION COMPANY HOUSTON, TX SEDIMENTOLOGICAL STUDIES OF THE OQUIRRH GROUP IN UTAH MSN L&S GEOL & GEOPHYSICS	(133-F213)	10,000.00
83.	SLOAN (ALFRED P) FOUNDATION NEW YORK, NY ALFRED P. SLOAN RESEARCH FELLOWSHIP IN ECONOMICS FOR THE PERIOD 09-16-82 THRU 09-15-84 TERMINATED PER MUTUAL AGREEMENT AWARD # BR-2304 MSN L&S ECONOMICS	(133-F239)	25,000.00-
84.	TRAVENOL LABORATORIES, INC. DEERFIELD, IL MULTI-CENTER STUDY OF CONTINUOUS AMBULATORY PERITONEAL DIALYSIS (CAPD) FOR THE PERIOD 04-01-82 THRU 03-31-84 AT A \$2,500 LEVEL MSN HS-MED MEDICINE	NEPHROLOGY (133-F299)	1,250.00





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## RESEARCH

96.	GLAXO, INC. RESEARCH TRIANGLE PARK, NC MULTICENTER CLINICAL STUDY OF PATIENTS WITH CHRONIC REVERSIBLE OBSTRUCTIVE AIRWAY DISEASE MSN HS-MED MEDICINE ALLRGY&IMM (133-F995)	14,060.00
97.	MULTIPLE DONORS DISCRETIONARY FUND FOR DIABETES RESEARCH MSN HS-MED MEDICINE ENDOCRINOL (133-G024)	50.00
98.	PENNWALT CORPORATION PHILADELPHIA, PA PESTICIDE/HONEYBEE INVESTIGATIONS MSN AG&LSC ENTOMOLOGY (133-G027)	8,000.00
99.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHAW FUND RESEARCH SUPPORT MSN GRAD MEDICAL SCHOOL MED MICROB (133-G041)	10,000.00
100.	NATIONAL ACADEMY OF SCIENCES WASHINGTON, DC SECRETARIAL SUPPORT FOR CHAIRMAN OF POLAR RESEARCH BOARD MSN L&S GEOL & GEOPHYSCS GEO&POL R (133-G043)	2,630.80
101.	AMERICAN ASSOCIATION OF STATE COLLEGES AND UNIVERSITIES WASHINGTON, DC PUBLIC HIGHER EDUCATION STUDENT AID RECIPIENT DATA BASE SIMULATIONS MSN EDUC EDUC ADMIN (133-G044)	6,000.00
102.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GLENN B. HAWKINS AND CLEONE ORR HAWKINS PROFESSOR OF POLITICAL SCIENCE MSN L&S POLITICAL SCI (133-G045)	5,000.00
103.	SMITH, KLINE, AND FRENCH LABORATORIES PHILADELPHIA, PA EFFICACY OF OXMETIDINE IN DUODENAL ULCER MSN HS-MED MEDICINE (133-G046)	18,035.00
104.	PICKLE PACKERS INTERNATIONAL, INC. ST. CHARLES, IL PICKLING CUCUMBER RESEARCH MSN AG&LSC HORTICULTURE (133-G049)	1,000.00
105.	AMERICAN SOCIETY FOR EIGHTEENTH CENTURY STUDIES COLUMBUS, OH PUBLICATION OF SERIES: "STUDIES IN EIGHTEENTH CENTURY CULTURE" MSN GRAD U W PRESS (133-G055)	1,851.00

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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

106.	SURGICAL ONCOLOGY RESEARCH FUND MSN HS-MED SURGERY                      GEN SURG                      (133-G056)	25.00      MULTIPLE DONORS 300.00      MULTIPLE DONORS IN MEMORY OF WALTER KEMP	325.00
107.	MULTIPLE DONORS DEFRAY ORTHOPEDIC RESIDENTS EXPENSES WHEN THEY ATTEND PROSTHETICS ORTHOTICS COURSES AT NORTHWESTERN UNIVERSITY IN CHICAGO, IL MSN HS-MED SURGERY                      ORTHO SURG                      (133-G057)		592.49
108.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI MECHANISMS OF CAFFEINE-INDUCED CARDIAC ANOMALIES FOR THE PERIOD 07-01-83 THRU 06-30-84 AWARD # 83-GA-15 MSN HS-MED PATHOL & LAB MED ANAT PATH                      (133-G058)		14,779.00
109.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-83 THRU 06-30-84 AWARD # 83-FA-18 MSN HS-MED PREVENTIVE MED                      (133-G059)		13,380.00
110.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-83 THRU 06-30-84 AWARD # 83-FA-13 MSN HS-MED MEDICINE                      HEMATOLOGY                      (133-G060)		13,380.00
111.	WISCONSIN PUBLIC SERVICE CORPORATION GREEN BAY, WI RETRAN MODELING OF KEWAUNEE NUCLEAR PLANT AWARD # P.O. # 59686 MSN ENGR      ENGR EXPER STA      NUCL ENGR                      (133-G061)		80,137.00
112.	ORGANON, INC. WEST ORANGE, NJ SUPPORT PREPARATION AND PRESENTATION OF AN INTERNATIONAL SYMPOSIUM PAPER MSN HS-MED PEDIATRICS                      (133-G062)		1,000.00
113.	NATIONAL CHERRY GROWERS AND INDUSTRIES FOUNDATION, INC. CORVALLIS, OR SENSITIVITY TO SULFITING AGENTS AMONG ASTHMATIC SUBJECTS MSN AG&LSC FOOD MICRO&TOXIC                      (133-G063)		10,500.00

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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

114.	LEUKEMIA SOCIETY OF AMERICA, INC. NEW YORK, NY IMMUNE RESPONSE REGULATING FUNCTION OF AN I-A IAT-BEARING T CELL FOR THE PERIOD 07-01-83 THRU 06-30-88 MSN AG&LSC BIOCHEMISTRY	(133-G065)	124,920.00
115.	SOUTHERN CALIFORNIA (UNIVERSITY OF) LOS ANGELES, CA PUBLICATION ASSISTANCE FOR "THE VINERIAN LAW LECTURES" EDITED BY THOMAS CURLEY AND DONALD GREENE MSN GRAD U W PRESS	(133-G066)	9,350.00
116.	MERCK SHARP & DOHME RESEARCH LABORATORIES WEST POINT, PA MULTICLINICAL OPEN STUDY OF EFFICACY, SAFETY & TOLERANCE OF THIENAMYCIN FORMAMIDINE/POTENTIATOR IN PARENTAL THERAPY OF INFECTION CAUSED BY PATHO- GENIC BACTERIA IN HOSPITALIZED PATIENTS MSN HS-MED MEDICINE INFECT DIS	(133-G068)	7,900.00
117.	WISCONSIN HOSPITAL ASSOCIATION MADISON, WI CLINICAL ENGINEERING CONSULTATION FOR RADIOLOGY EQUIPMENT PURCHASE AND OPERATION MSN HS-MED MEDICAL PHYSICS	(133-G069)	8,750.00
118.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENHANCE INTRAMURAL RESEARCH SUPPORT PROGRAMS MSN HS-MED	(133-G073)	100,000.00
119.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASIC RESEARCH IN PRECISION ENGINEERING MSN ENGR MECHANICAL ENGR	(133-G074)	5,000.00
120.	WISCONSIN DAIRY HERD IMPROVEMENT COOP MADISON, WI INVESTIGATE CHANGES IN CONCENTRATION OF SIALIC ACID IN CERVICAL MUCUS FROM DAIRY COWS MSN AG&LSC DAIRY SCIENCE	(133-G079)	2,500.00
121.	NATIONAL FISHERIES INSTITUTE, INC. FISHERIES SCHOLARSHIP FUND WASHINGTON, DC FISH SPOILAGE MSN AG&LSC FOOD SCIENCE	(133-G080)	5,000.00
122.	LIPTON (THOMAS J), INC. ENGLEWOOD CLIFFS, NJ FOOD ENGINEERING RESEARCH MSN AG&LSC FOOD SCIENCE	(133-G081)	1,000.00

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## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

123.	ARTHRITIS FOUNDATION WISCONSIN CHAPTER MILWAUKEE, WI SIMPLE, NONINVASIVE TESTING OF A SENSORY FUNCTION TO DETECT NERVE ENTRAPMENT MSN HS-MED PREVENTIVE MED	(133-G083)	3,500.00
124.	RICHTER (MAX) FOUNDATION PROVIDENCE, RI PUBLICATION ASSISTANCE FOR "FROM YESHIVA TO UNIVERSITY" EDITED BY JACOB NEUSNER MSN GRAD U W PRESS	(133-G084)	3,000.00
125.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY BEHAVIORAL TOXICITY OF PERINATAL TCDD EXPOSURE IN THE RHESUS MONKEY FOR THE PERIOD 03-01-83 THRU 02-29-84 AWARD # 12-106 MSN L&S PSYCHOLOGY PRIMATE LB	(133-G085)	10,000.00
126.	NATIONAL CROP INSURANCE ASSOCIATION COLORADO SPRINGS, CO EVALUATION OF EFFECTS OF SIMULATED HAIL DAMAGE ON YIELD/QUALITY OF PROCESSING PEAS MSN AG&LSC HORTICULTURE	(133-G086)	1,750.00
127.	LEUKEMIA SOCIETY OF AMERICA, INC. NEW YORK, NY CLONING OF THE GENE FOR THE I-A T CELL MOLECULE FOR MOUSE FOR THE PERIOD 07-01-83 THRU 06-30-85 MSN AG&LSC GENETICS	(133-G087)	29,985.00
128.	BOEHRINGER INGELHEIM LTD. WAYZATA, MN EFFICACY OF ALUPENT METERED-DOSE INHALER COMPARED TO PRIMATENE MIST IN ACUTE ASTHMA MSN HS-MED MEDICINE ALLRGY&IMM	(133-G088)	4,801.25
129.	PIONEER HI-BRED INTERNATIONAL, INC. JOHNSTON, IA PIONEER POSTDOCTORAL FELLOW OF GENETICS MSN HS-MED GENETICS	(133-G089)	25,000.00
130.	RADIATION MEASUREMENTS INCORPORATED MIDDLETON, WI STANDARDIZATION OF RADIATION THERAPY BEAM CALIBRATION AND VERIFICATION FOR THE PERIOD 08-01-83 THRU 09-30-84 MSN HS-MED HUMAN ONCOLOGY RADIOPHYS	(133-G090)	13,353.00
131.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENERGY STORAGE NIOBIUM TITANIUM RESEARCH MSN ENGR ENGR EXPER STA SUPRCONDCT	(133-G092)	5,000.00

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## RESEARCH

132.	LEUKEMIA RESEARCH-DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-3535)	
	135.00	MULTIPLE DONORS IN MEMORY OF DR. RICHARD F. DUNN	
	5.00	MULTIPLE DONORS	
			140.00
133.	BURGESS PUBLISHING COMPANY MINNEAPOLIS, MN 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)	1,340.16
134.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	
	500.00	MULTIPLE DONORS	
	3,500.00	STAUFFER CHEMICAL COMPANY MOUNTAIN VIEW, CA	
			4,000.00
135.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT MEDICAL PHYSICS PROGRAM IN THE DEPARTMENT OF RADIOLOGY MSN HS-MED RADIOLOGY	(133-5448)	10,000.00
136.	MULTIPLE DONORS SUPPORT RESEARCH AND DEVELOPMENT CENTER FOR LEARNING AND RE-EDUCATION MSN EDUC WIS CTR EDUC RES	(133-5613)	140.81
137.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED	(133-5671)	200.00
138.	FRITO-LAY, INC. DALLAS, TX RESEARCH ON POTATO GENETICS MSN AG&LSC HORTICULTURE	(133-5762)	3,500.00
139.	UNIVERSITY OF WISCONSIN FOUNDATION, MADISON, WI REPRESENTING A TRANSFER OF FUNDS FROM TRANE COMPANY FOUNDATION SUPPORT UNDERGRADUATE RESEARCH PROJECTS IN DEPARTMENT OF MECHANICAL ENGINEERING MSN ENGR ENGR EXPER STA MECH ENGR	(133-6353)	750.00
140.	MULTIPLE DONORS BIODYNAMICS LABORATORY RESEARCH PROGRAM MSN EDUC PHYS ED & DANCE BIODYN LAB	(133-7153)	30.00



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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

4.	AMERICAN PRINTING COMPANY A/C PROFESSOR MARSHALL FINNER MADISON, WI WISCONSIN AGRICULTURAL ENGINEER SCHOLARSHIP (TRUST PRINCIPAL) MSN AG&LSC ADM-RESID INSTR	( TRUST )	252.00
5.	WISCONSIN FARM EQUIPMENT FOUNDATION, INC. MADISON, WI ORRIN BERGE SCHOLARSHIP FUND MSN AG&LSC ADM-RESID INSTR	(133-B630)	500.00
6.	CONSOLIDATION COAL COMPANY PITTSBURGH, PA FINANCIAL AID TO EDUCATION MSN ENGR MET & MIN ENGR	(133-B901)	1,000.00
7.	UNIVERSITY OF WISCONSIN FORESTRY CLUB MADISON, WI UNIVERSITY OF WISCONSIN FORESTRY CLUB SCHOLARSHIP MSN AG&LSC ADM-RESID INSTR	(133-F145)	750.00
8.	WISCONSIN FARM EQUIPMENT FOUNDATION, INC. MADISON, WI ROBERT BJORKLUND SCHOLARSHIP MSN AG&LSC ADM-RESID INSTR	(133-G093)	500.00
9.	SENTRY COMPANIES FOUNDATION, INC. STEVENS POINT, WI SENTRY INSURANCE FELLOWSHIP MSN BUS SCH OF BUSINESS	(133-3518)	2,000.00
10.	MINNESOTA MINING & MANUFACTURING FOUNDATION, INC. ST. PAUL, MN UNDERGRADUATE ENGINEERING SCHOLARSHIP PROGRAM MSN ENGR	(133-3954)	13,000.00
11.	COOPERATING LIFE INSURANCE COMPANIES SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-4436)	
	1,500.00 NATIONAL GUARDIAN LIFE INSURANCE COMPANY MADISON, WI		
	2,000.00 WISCONSIN NATIONAL LIFE INSURANCE COMPANY OSHKOSH, WI		
			3,500.00
12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI OTTILIE REINKE SCHOLARSHIP AWARD MSN G SERV FELLOWS & SCHOLS	(133-6197)	1,970.00
13.	NICKERSON (FRANK AND ESTHER RHEA) MEMORIAL SCHOLARSHIP TRUST MADISON, WI FRANK AND ESTHER RHEA NICKERSON MEMORIAL SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(133-8354)	2,117.71



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STUDENT AID

14.	WISCONSIN ASSOCIATION OF VOCATIONAL AGRICULTURE INSTRUCTORS, INC. MADISON, WI UNDERGRADUATE SCHOLARSHIP IN AGRICULTURE MSN AG&LSC ADM-RESID INSTR	(133-8600)	400.00
	TOTAL MADISON		13,737,313.80 =====
	INSTRUCTION		92,804.00
	LIBRARIES		150,784.35
	MISCELLANEOUS		988,737.70
	RESEARCH		12,434,333.31
	STUDENT AID		70,654.44

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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## GIFT-IN-KIND

1. J. H. LUKE  
MINNEAPOLIS, MN  
GIFT OF ONE 1979 NORTH JIB AND MAINSAILS; ONE  
1980 MILGES JIB AND MAINSAIL; AND ONE USED  
SPINAKER DONATED TO THE UWM SAILING CLUB  
AWARD # NONE  
MIL ADM AF ASSOC'D UNION SV UNION OPNS

## INSTRUCTION

1. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
AN APPEAL TO WOMEN IN THEIR OWN BEHALF: THE  
HERITAGE OF MILWAUKEE - DOWNER COLLEGE  
FOR THE PERIOD 04/01/83 THROUGH 03/31/84  
FOR THE PERIOD 04-01-83 THROUGH 03-31-84  
AWARD # G-FY80-328(H)  
MIL AC AFF WOMENS STUDIES (144-T107) 5,200.00
2. ST. LUKES HOSPITAL  
MILWAUKEE, WI  
EPISODIC HEALTH DISRUPTIONS: THEORY TO PRACTICE  
MIL NURS NURSING (133-D765) 197,514.00
3. GENERAL ELECTRIC  
MILWAUKEE, WI  
THIRD SEMESTER JAPANESE FOR G.E. EMPLOYEES  
FOR THE PERIOD 01/15/83 THROUGH 05/31/83  
MIL L&S COLL INSTR PROG SP PRG-GEN (133-E597) 3,588.50

## MISCELLANEOUS

1. VARIOUS GOVERNMENTAL AGENCIES  
MILWAUKEE, WI  
MILWAUKEE HUMANITIES PROGRAM PUBLICATION RECEIPTS  
AWARD # N.A.  
MIL L&S HUMANITIES HUMANIT (144-P108) 31.07
2. VARIOUS  
DISCRETIONARY USE OF SCHOOL OF ARCHITECTURE &  
URBAN PLANNING  
MIL ARC&UP ADMINISTRATION ADMIN (133-E624) 257.50
3. VATRO MURVAR/C/D COLOQUIA AND SYMPOSIA  
AT THE UNIVERSITY OF WISCONSIN-MILWAUKEE  
BROOKFIELD, WI  
MAX WEBER BIBLIOGRAPHY  
MIL L&S SOCIOLOGY (133-F450) 700.00
4. VARIOUS DONORS  
MILWAUKEE, WI  
INDUSTRY/STUDENT TEAM DESIGN COURSE  
MIL ENG&AS MECHANICAL ENGR (133-8722) 300.00

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UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
  - 1) MECHANISMS UNDERLYING PERCEPTION OF SPEECH  
FOR THE PERIOD 04-01-83 THROUGH 03-31-84  
AWARD # 1 RO1 NS19295-01  
MIL L&S PSYCHOLOGY (144-T028) 82,685.00
  - 2) STRUCTURE AND REACTIVITY OF METALLOTHIONEIN  
FOR THE PERIOD 04-01-83 THROUGH 03-31-84  
AWARD # 5 RO1 GM29583-02  
MIL L&S CHEMISTRY (144-T082) 102,910.00
2. MILWAUKEE COUNTY MUSEUM  
MILWAUKEE, WI  
PRIME CONTRACTOR WITH DHHS PHS NIH  
SUPPORT OF GRADUATE RESEARCH ASSISTANT  
FOR THE PERIOD 12-24-80 THROUGH 08-31-83  
AWARD # AM25419-01  
MIL L&S ZOOLOGY (144-Q500) 1,700.00
3. NATIONAL ENDOWMENT FOR THE HUMANITIES  
WASHINGTON, D.C.  
THE FAMILY AND INHERITANCE IN AMERICA: FROM  
COLONIAL TIMES TO THE PRESENT (CALIFORNIA PHASE)  
FOR THE PERIOD 07-01-83 THROUGH 12-31-84  
AWARD # RO-20466-83  
MIL L&S HISTORY (144-T095) 38,300.00
4. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) HYDRODYNAMIC RESISTANCE OF BODIES IN VISCOUS FLOWS  
FOR THE PERIOD 04-01-80 THROUGH 07-31-84  
AWARD # MEA-7921556-03  
MIL ENG&AS CIVIL ENGINEER'G (144-P311) 7,429.00
  - 2) PHOTOEMISSION STUDIES OF ADSORBATES ON DISORDERED  
AND STEPPED SURFACES  
FOR THE PERIOD 04-15-81 THROUGH 09-30-84  
AWARD # DMR-8101203-02  
MIL L&S PHYSICS (144-Q731) 63,500.00
  - 3) DYNAMICS AND ENERGETICS OF SEVERE STORMS AND  
THEIR MESOSCALE ENVIRONMENT DURING SESAME  
FOR THE PERIOD 08-15-81 THROUGH 09-30-84  
AWARD # ATM-8109144-02  
MIL L&S GEOL&GEOPH SCI'S ATM SC-GEN (144-R423) 78,400.00
5. AN ARCHAEOLOGICAL SURVEY OF THE PROPOSED  
RELOCATION OF COUNTY TRUNK HIGHWAY "F"  
MIL L&S ANTHROPOLOGY (133-E567)
 

1,181.00	STS CONSULTANTS LTD.
	BROWN DEER, WI
932.00	WAUKESHA COUNTY HIGHWAY & TRANSPORTATION
	COMMISSION
	WAUKESHA, WI

2,113.00

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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

- |    |  |           |
|----|--|-----------|
| 6. | CH2M HILL CENTRAL<br>MILWAUKEE, WI<br>MILWAUKEE RIVER STUDY<br>FOR THE PERIOD 02/03/83 THROUGH 04/11/83<br>MIL ARC&UP ADMINISTRATION ADMIN (133-F451)  | 6,350.00  |
| 7. | AMERICAN HEART ASSOCIATION OF WISCONSIN<br>MILWAUKEE, WI<br>LINKAGE BETWEEN HLA AND FAMILIAL<br>HYPERCHOLESTEROLEMIA<br>FOR THE PERIOD 07/01/83 THROUGH 06/30/84<br>AWARD # 83-GA-07<br>MIL L&S ZOOLOGY (133-F452) | 5,000.00  |
| 8. | RUTH MOTT FUND<br>FLINT, MI<br>MUNICIPAL CHARACTERISTICS ASSOCIATED WITH TOXIC<br>CONTAMINANTS IN GROUNDWATER<br>FOR THE PERIOD 06/01/83 THROUGH 06/30/84<br>MIL ARC&UP URBAN PLANNING (133-F453)                  | 15,000.00 |
| 9. | COMPUTERIZED STRUCTURAL DESIGN<br>MILWAUKEE, WI<br>STRUCTURAL TESTING<br>MIL ENG&AS CIVIL ENGINEER'G (133-9372)  | 200.00    |

## STUDENT AID

- |    |   |           |
|----|---|-----------|
| 1. | EDUCATION, DEPT OF<br>WASHINGTON, D.C.<br>LIBRARY CAREER TRAINING PROGRAM FELLOWSHIP<br>FOR THE PERIOD 07-01-83 THROUGH 12-31-84<br>MIL L&I SC SCH-LIB&INF SCI (144-T094)                                 | 16,000.00 |
| 2. | WISCONSIN RURAL REHABILITATION CORPORATION<br>MADISON, WISCONSIN<br>WISCONSIN RURAL REHABILITATION CORPORATION<br>SCHOLARSHIPS<br>FOR THE PERIOD 09/01/83 THROUGH 08/31/84<br>MIL NURS NURSING (133-9002) | 6,490.00  |

TOTAL MILWAUKEE

633,668.07

=====

INSTRUCTION	206,302.50
MISCELLANEOUS	1,288.57
RESEARCH	403,587.00
STUDENT AID	22,490.00

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

## UNIVERSITY OF WISCONSIN - EAU CLAIRE

## EXTENSION AND PUBLIC SERVICE

1. AFFILIATED STATE ARTS AGENCIES-UPPER MIDWEST  
MINNEAPOLIS, MN  
PRIME CONTRACTOR WITH NEA  
MIXED BLOOD THEATRE  
FOR THE PERIOD 01-17-83 THROUGH 01-17-83  
AWARD # CK 12840  
EAU U CTRS UNIV CENTERS      UNIV CTRS      (144-3053)      200.00

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
SPECIALIZED PRESCHOOL EMPHASIS FOR SPEECH-  
LANGUAGE PATHOLOGISTS  
FOR THE PERIOD 06-01-83 THROUGH 05-30-84  
AWARD # GO08101931  
EAU ART&SC COMMUN DISORDERS      (144-3016)      31,253.00

2. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
REVISION OF TEACHER HANDBOOK FOR BUSINESS  
EDUCATION  
FOR THE PERIOD 06-06-83 THROUGH 06-10-83  
AWARD # 3-99500L084  
EAU BUS      BUS ED & INF MGT      (144-3031)      2,820.00

3. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
VOCATIONAL HANDBOOK  
FOR THE PERIOD 03-30-83 THROUGH 06-30-83  
AWARD # PAC 01891  
EAU EDUC      SPECIAL EDUC      (144-3067)      756.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
EAU ST AST ED OPPOR GRANTS      (148-3004)      1,168,320.00

2. WISCONSIN RURAL REHABILITATION  
MADISON, WI  
9 SCHOLARSHIPS IN NURSING @ 329.00 EACH FOR THE  
PERIOD 01-17-83 THROUGH 05-22-83  
EAU NURSG      DEAN OF NURSING      (133-3059)      2,961.00

3. WISCONSIN RURAL REHABILITATION  
MADISON, WI  
FIVE SCHOLARSHIPS IN ALLIED HEALTH @ \$300 EACH  
FOR THE PERIOD 01-17-83 THROUGH 05-22-83  
EAU ART&SC ALLIED HEALTH      (133-3060)      1,500.00

TOTAL EAU CLAIRE      1,207,810.00  
=====

EXTENSION AND PUBLIC SERVICE      200.00  
INSTRUCTION      34,829.00  
STUDENT AID      1,172,781.00

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

## UNIVERSITY OF WISCONSIN - GREEN BAY

## MISCELLANEOUS

1. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COFRIN MEMORIAL ARBORETUM GB FCL PL ADMINISTRATION	(133-B653)	4,000.00
2. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ATHLETICS MEN - GENERAL GB I R & A ATHLETICS - MEN	(133-E188)	15,000.00
3. MULTIPLE DONORS MISCELLANEOUS TESTS AND EVALUATION GB O ED D ADMINISTRATION	(133-F708)	28.00

## RESEARCH

1. MICHIGAN TECHNOLOGICAL UNIVERSITY HOUGHTON, MI PRIME CONTRACTOR WITH EPA DISSOLVED OXYGEN DYNAMICS IN GREEN BAY FOR THE PERIOD 03-20-82 THROUGH 09-30-83 AT A TOTAL COST OF \$39,752.00 AWARD # AGR DTD 04-16-82, MOD. 1 GBY ENV SC SCI & ENVIR CHG	(144-R962)	17,610.00
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## STUDENT AID

1. TRIANGLE DISTRIBUTING CO., INC. GREEN BAY, WI SOURCE OF FINANCIAL AID PAYMENTS TO STUDENT ATHLETES AT THE UNIVERSITY OF WISCONSIN-GREEN BAY WITHIN THE GUIDELINES PRESCRIBED BY THE NATIONAL COLLEGIATE ATHLETIC ASSOCIATION GB I R & A ATHLETICS - MEN	(133-7213)	1,000.00
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TOTAL GREEN BAY	37,638.00
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MISCELLANEOUS	19,028.00
RESEARCH	17,610.00
STUDENT AID	1,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

## UNIVERSITY OF WISCONSIN - LACROSSE

## GIFT-IN-KIND

1. LEONARD SCHELLER  
MILWAUKEE, WI  
PRINT OF ROUAULT'S "THE CLOWN"  
LAC

## MISCELLANEOUS

1. U.W. LACROSSE FOUNDATION  
LACROSSE, WI  
TRAVEL GRANT TO ATTEND PROFESSIONAL CONFERENCE  
FOR THE PERIOD 03-01-83 THROUGH 03-31-83  
LAC L&S BIOLOGY (133-1644) 400.00

## RESEARCH

1. DAIRYLAND POWER COOPERATIVE  
LACROSSE, WI  
ARCHAEOLOGY RESEARCH CONTRACT IN MARIETTA VALLEY  
AND BUCKHORN SUBDIVISION FOR THE PERIOD 03-01-83  
THROUGH 06-30-83  
AWARD # 092697  
LAC L&S SOCIOL & ANTHROP (133-8824) 2,000.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08302955  
LAC STU AF FIN ASSIST TO ST (148-5520) 935,909.00
2. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # RO08302955  
LAC STU AF FIN ASSIST TO ST (144-5520) 8,850.00
3. U.W. LACROSSE FOUNDATION  
LACROSSE, WI  
HONOR SCHOLARSHIPS FOR FRESHMAN FOR THE PERIOD  
01-01-83 THROUGH 12-31-83  
LAC STU AF FIN AIDS OFFICE (133-5403) 6,000.00
4. U.W. LACROSSE FOUNDATION  
LACROSSE, WI  
SCHOLARSHIPS FOR MINORITY STUDENTS FOR THE PERIOD  
01-01-83 THROUGH 12-31-83  
LAC STU AF FIN AIDS OFFICE (133-5404) 9,000.00

TOTAL LACROSSE	962,159.00
	=====

MISCELLANEOUS	400.00
RESEARCH	2,000.00
STUDENT AID	959,759.00

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

UNIVERSITY OF WISCONSIN - OSHKOSH

GIFT-IN-KIND

1. JABO ELECTRONICS  
CHATSWORTH, CA  
1 CIRCOCOMPUTER  
OSH
2. OSHKOSH NORTHWESTERN  
OSHKOSH, WI  
INSTAPOLL MACHINE  
OSH

INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) SPECIAL SERVICES FOR DISADVANTAGED STUDENTS  
FOR THE PERIOD 07-01-83 THROUGH 06-30-84  
AWARD # GO08004564  
OSH AC DEV MINORITY PROGRMS MINORITY P (144-4401) 112,647.00
  - 2) GRADUATE FELLOWSHIPS IN THE LIBRARY CAREER  
TRAINING PROGRAM  
FOR THE PERIOD 07-01-83 THROUGH 12-31-84  
AWARD # GO08300106  
OSH L&S LIBRARY SCIENCE (144-4498) 5,000.00
2. AFFILIATED STATE ARTS AGENCIES OF THE UPPER  
MIDWEST  
MINNEAPOLIS, MN  
PRIME CONTRACTOR WITH NEA  
SUPPORT FOR THE MILWAUKEE REPORTORY THEATER  
PRODUCTION OF THE PLAY "KINGDOM COME"  
FOR THE PERIOD 11-04-83 THROUGH 11-05-83  
AWARD # FY84-37  
OSH L&S SPEECH (144-4499) 2,280.00

RESEARCH

1. WINNEBAGO COUNTY  
OSHKOSH, WI  
ARCHAEOLOGICAL SURVEY OF COUNTY-OWNED LANDS  
FOR THE PERIOD 03-22-83 THROUGH 06-15-83  
OSH L&S SOCIOL-ANTHROPOL ANTHROPOL (133-3305) 2,918.00

STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08302956  
OSH STU A ED OPPOR GRANTS (148-4806) 1,122,418.00

TOTAL OSHKOSH 1,245,263.00  
=====

INSTRUCTION 119,927.00  
RESEARCH 2,918.00  
STUDENT AID 1,122,418.00



GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

## UNIVERSITY OF WISCONSIN - PARKSIDE

## MISCELLANEOUS

1. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
LEIF ERICKSON AND THE VIKING DISCOVERY OF AMERICA  
FOR THE PERIOD 01-01-83 THROUGH 02-28-83  
AWARD # G-FY80-293 (I)  
PKS SC&SOC HUMANITIES            ENGLISH            (144-T077)            300.00
2. KENOSHA COUNTY COMPREHENSIVE BOARD  
KENOSHA, WI  
PRIME CONTRACTOR WITH TRANS  
KENOSHA/RACINE DRUNKEN DRIVING ASSESSMENT PROJECT  
FOR THE PERIOD 03-28-83 THROUGH 03-27-84  
AWARD # 30-83-00-01-09-180  
PKS SC&SOC BEHAVIORAL SCI    BEHV SC-ID    (144-T075)    13,450.00

## STUDENT AID

1. PARKSIDE GENERAL SCHOLARSHIP FUND  
(TRUST INCOME)  
PKS BUS SV FELLOWS & SCHOLS            ( TRUST )  

100.00	LIDDICOAT, ALICE H. KENOSHA, WI	
450.00	TOMBSTONE PIZZA CORPORATION MEDFORD, WI	
20.00	VANDEWALKER, ROBERT & ALICE DUNDEE, IL	
5.00	MULTIPLE DONORS	
		575.00
  2. GREENQUIST, HILDA  
RACINE, WI  
GREENQUIST, KENNETH L. MEMORIAL SCHOLARSHIPS  
(TRUST PRINCIPAL)  
PKS BUS SV FELLOWS & SCHOLS            ( TRUST )            500.00
  3. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # R008303238  
PKS FIN A FINANCIAL AIDS            (144-T086)            1,265.00
  4. MULTIPLE DONORS  
SCIENCE DIVISION FACULTY SCHOLARSHIP  
PKS BUS SV FELLOWS & SCHOLS            (133-G071)            75.00
  5. MULTIPLE DONORS  
LILLIAN JAMES SCHOLARSHIP -ANNUAL SCHOLARSHIP TO  
BE AWARDED TO AN OUTSTANDING MUSIC MAJOR  
PKS BUS SV FELLOWS & SCHOLS            (133-8803)            50.00
- TOTAL PARKSIDE            16,215.00  
=====
- MISCELLANEOUS            13,750.00  
STUDENT AID            2,465.00

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

## UNIVERSITY OF WISCONSIN - PLATTEVILLE

## STUDENT AID

1.	EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM - INITIAL FOR THE PERIOD 07-01-82 THROUGH 06-30-83 AWARD # PO08334557 PLT ST AST ED OPPOR GRANTS	(146-0204)	59,542.00
2)	SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM - CONTINUING FOR THE PERIOD 07-01-82 THROUGH 06-30-83 AWARD # PO08344557 PLT ST AST ED OPPOR GRANTS	(146-0205)	47,633.00
2.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-82 THROUGH 06-30-83 AWARD # PO08302957 PLT ST AST BEOG PROGRAM	(148-0206)	829,994.00
3.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-82 THROUGH 06-30-83 AWARD # RO08302957 PLT ST AST BEOG PROGRAM	(144-0207)	5,530.00
	TOTAL PLATTEVILLE		942,699.00 =====
	STUDENT AID		942,699.00

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

## UNIVERSITY OF WISCONSIN - RIVER FALLS

## INSTRUCTION

- |    |   |            |          |
|----|---|------------|----------|
| 1. | EDUCATION, DEPT OF<br>WASHINGTON, DC<br>COLLEGE WORK STUDY FUNDS TO BE USED FOR<br>COOPERATIVE EDUCATION PROGRAM<br>FOR THE PERIOD 12-01-82 THROUGH 06-30-83<br>AWARD # Q008224126<br>RVF AGRIC COOP EDUC PROG    | (144-0687) | 4,813.00 |
| 2. | SAFARI CLUB INTL. WISCONSIN CHAPTER<br>MILWAUKEE, WI<br>PILOT PROGRAM ENTITLED "WISCONSIN OUTDOOR<br>LEADERSHIP SCHOOL" FOR THE PERIOD 04-01-83<br>THROUGH 08-31-83<br>RVF EDUC PHYSICAL EDUC PHYS EDUC           | (133-0604) | 4,500.00 |
| 3. | U.W. RIVER FALLS FOUNDATION<br>RIVER FALLS, WI<br>FUNDS TO AID DEPARTMENTS IN USE OF COMPUTER<br>ASSISTED INSTRUCTION FOR THE PERIOD 02-01-83<br>THROUGH 06-30-83<br>RVF G E A VICE CHANCELLOR                    | (133-0635) | 6,500.00 |
| 4. | U.W. RIVER FALLS FOUNDATION<br>RIVER FALLS, WI<br>FUNDS TO IMPROVE EXISTING COURSE MATERIALS<br>AND METHODS, OR ADD NEW COURSE MATERIALS FOR<br>THE PERIOD 02-01-83 THROUGH 06-30-83<br>RVF G E A ASST CHANCELLOR | (133-0700) | 5,000.00 |

## MISCELLANEOUS

- |    |  |            |        |
|----|--|------------|--------|
| 1. | JEAN ERICKSON<br>RICE LAKE, WI<br>FUNDS FOR EQUIPMENT PURCHASES<br>RVF ART&SC COMMUN DISORDERS | (133-0605) | 600.00 |
|----|--|------------|--------|

## RESEARCH

- |    |   |            |          |
|----|---|------------|----------|
| 1. | CONTROL FEEDS INC.<br>PHOENIX, ARIZONA<br>PROTEIN UTILIZATION AND GROWTH RESPONSE OF<br>HOLSTEIN CALVES FED A RATION CONTAINING A<br>WHEY PRODUCT FOR THE PERIOD 01-01-83<br>THROUGH 09-01-83<br>RVF AGRIC ANIMAL SCIENCE | (133-0611) | 4,825.00 |
|----|---|------------|----------|

TOTAL RIVER FALLS

26,238.00

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INSTRUCTION	20,813.00
MISCELLANEOUS	600.00
RESEARCH	4,825.00

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

UNIVERSITY OF WISCONSIN - STEVENS POINT

EXTENSION AND PUBLIC SERVICE

1. CITY OF SHEBOYGAN  
 SHEBOYGAN, WI  
 CONSULTING SERVICES FOR THE INITIAL DEVELOPMENT  
 OF THE ELLWOOD H. MAY ENVIRONMENTAL PARK FOR THE  
 PERIOD 02-01-83 THROUGH 01-31-84  
 STP CONR NATURAL RESOURCS NAT RESRCS (133-0923) 13,688.00

INSTRUCTION

1. WI DEPT OF NATURAL RESOURCES  
 MADISON, WI  
 INTERNSHIP AGREEMENT TO SORT AND IDENTIFY  
 INVERTEBRATES FROM KICK-NET BOTTOM SAMPLES  
 FOR THE PERIOD 01-01-83 THROUGH 12-31-83  
 AWARD # 83-6  
 STP CONR DEAN OF NAT RES (133-0910) 1,608.00

RESEARCH

1. WISCONSIN RIVER POWER COMPANY  
 WISCONSIN RAPIDS, WI  
 PETENWELL WILDLIFE MANAGEMENT - II  
 FOR THE PERIOD 01-01-83 THROUGH 12-31-83  
 STP CONR NATURAL RESOURCS NAT RESRCS (133-8471) 7,500.00

2. MAX MCGRAW WILDLIFE FOUNDATION  
 DUNDEE IL  
 FISHER STUDY FOR THE PERIOD 02-01-83 THROUGH  
 04-01-83  
 STP CONR NATURAL RESOURCS NAT RESRCS (133-8477) 800.00

TOTAL STEVENS POINT 23,596.00  
 =====

EXTENSION AND PUBLIC SERVICE 13,688.00  
 INSTRUCTION 1,608.00  
 RESEARCH 8,300.00

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

UNIVERSITY OF WISCONSIN - STOUT

STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08302953  
STO ST AST BEOG PROGRAM (148-0622) 1,148,940.00

TOTAL STOUT 1,148,940.00  
=====

STUDENT AID 1,148,940.00

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

## UNIVERSITY OF WISCONSIN - SUPERIOR

## RESEARCH

1. NORTHERN STATES POWER CO.  
MINNEAPOLIS, MN  
MEASURING THE EFFECTS OF DISCHARGE AND FLOW ON  
SURVIVAL AND PRODUCTION OF SMALLMOUTH BASS  
POPULATIONS IN THE MISSISSIPPI RIVER FOR THE  
PERIOD 02-01-82 THROUGH 01-31-83  
AWARD # G580264  
SUP U RES CTR-L SUP ENV ST (133-0229) 19,512.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
COLLEGE WORK STUDY PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08314559  
SUP ST AST WORK-STUDY STU SVCS (145-0232) 217,839.00

2. EDUCATION, DEPT OF  
WASHINGTON, DC  
SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT  
PROGRAM - CONTINUING  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08344559  
SUP ST AST ED OPPOR GRANTS (146-0233) 152,134.00

3. EDUCATION, DEPT OF  
WASHINGTON, DC  
NATIONAL DIRECT STUDENT LOAN PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08324559  
SUP ST AST NATL DIR STU LNS ( LOANS ) 41,083.00

4. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
AWARD # PO08302960  
SUP ST AST BEOG PROGRAM (148-0231) 835,000.00

TOTAL SUPERIOR 1,265,568.00  
=====

RESEARCH 19,512.00  
STUDENT AID 1,246,056.00

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

## UNIVERSITY OF WISCONSIN - WHITEWATER

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
SPECIAL SERVICES GRANT - ACADEMIC SUPPORT SERVICES  
FOR DISADVANTAGED STUDENTS  
FOR THE PERIOD 07-01-83 THROUGH 06-30-84  
AWARD # GO08004042  
WTW G E A ACAD SUPPORT SVS (144-0422) 114,411.00
2. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
ASSESSMENT OF QUALIFIED PERSONNEL TO SERVE  
HANDICAPPED CHILDREN WITHIN THE STATE  
FOR THE PERIOD 02-18-83 THROUGH 08-31-83  
AWARD # PAC 01617  
WTW EDUC SPECIAL EDUC SPEC EDUC (144-0438) 24,393.00

## STUDENT AID

1. GRAHAM, ALLENE L. BEQUEST  
A/C BASS, GOLDSTEIN, MAGOWSKY, S. C.  
MILWAUKEE, WI  
GRAHAM, DONALD L. AND ALLENE L. SCHOLARSHIP  
(TRUST PRINCIPAL)  
WTW L&S HISTORY ( TRUST ) 21.52
2. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-82 THROUGH 06-30-83  
WTW ST AST FED AID - BEOG (148-0984) 1,472,029.00

TOTAL WHITEWATER	1,610,854.52
	=====

INSTRUCTION	138,804.00
STUDENT AID	1,472,050.52

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1. EVANS, HELEN M.  
MADISON, WI  
EVANS, JEAN C. MEMORIAL LECTURE  
(TRUST PRINCIPAL)  
EXT G E A CHANCELLORS OFF CHANC OFF ( TRUST ) 5,000.00
2. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC  
I P A AGREEMENT  
FOR THE PERIOD 04-03-83 THROUGH 04-01-85  
AWARD # AGR DTD 03-30-83  
EXT COOP E SOIL&WATER CNSRV (144-T098) 54,388.00
3. WI DEPT OF INDUSTRY, LABOR AND HUMAN RELATIONS  
MADISON, WI  
PRIME CONTRACTOR WITH LABOR  
TRAINING PROGRAM FOR INDOCHINESE REFUGEE  
FOR THE PERIOD 05-30-83 THROUGH 07-29-83  
AWARD # 83-6120-03  
EXT COOP E HOME EC&FAM LIVG (144-T104) 792.00
4. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
ADMINISTRATION OF WISCONSIN HUMANITIES COMMITTEE  
FOR THE PERIOD 11-01-82 THROUGH 10-31-84  
AWARD # WHC SO 20248-82 AND, MOD. 1  
EXT ADM SV BUS SVCS-ES SUPP (144-S648) 127,088.00
5. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
PROGRAM DEVELOPMENT OF WISCONSIN HUMANITIES  
COMMITTEE  
FOR THE PERIOD 11-01-82 THROUGH 10-31-84  
AWARD # WHC SO 20248-82 AND, MOD. 1  
EXT ADM SV BUS SVCS-ES SUPP (144-S649) 49,117.00
6. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
UNDERSTANDING MODERN POLAND  
FOR THE PERIOD 03-01-83 THROUGH 05-31-83  
AWARD # G-FY80-315 (P)  
EXT G EXT SPECIAL PROGRAMS SP PROG-CS (144-T065) 815.36
7. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
MODELS OF CONTEMPORARY HUMAN REALITY  
FOR THE PERIOD 04-01-83 THROUGH 04-30-83  
AWARD # G-FY-325 (I)  
EXT G EXT HLTH-SOCIAL SVC (144-T078) 300.00
8. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
PHILOSOPHY AND SCIENCES; A CONFLICT OF VALUES ?  
FOR THE PERIOD 04-01-83 THROUGH 09-30-83  
AWARD # G-FY80-320 (L)  
EXT COOP E C&A OFFC,SO-EAST C&A OFC,SE (144-T091) 1,000.00



GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

- |     |   |              |
|-----|---|--------------|
| 9.  | SMALL BUSINESS ADMIN<br>MADISON, WI<br>SMALL BUSINESS DEVELOPMENT CENTER<br>FOR THE PERIOD 01-01-83 THROUGH 12-31-83<br>AWARD # SB-2M-00053-03<br>EXT COOP E SM BUS DVL PMT CT SM BUS DVL (144-S794)                                | 1,344,000.00 |
| 10. | EASTERN EDUCATIONAL TELEVISION NETWORK<br>BOSTON, MA<br>SPROCKETS III<br>EXT ED COM TELEVISION (133-F844)   | 108,602.00   |
| 11. | MILWAUKEE COUNTY DEPARTMENT OF PARKS,<br>RECREATION AND CULTURE<br>MILWAUKEE, WI<br>PARTIAL SUPPORT OF A NATURE EDUCATION AGENT-YOUTH<br>FOR THE PERIOD 01-01-83 THRU 12-31-83<br>EXT COOP E C&A OFFC,SO-EAST C&A OFC,SE (133-F886) | 10,655.00    |
| 12. | MILWAUKEE COUNTY ZOOLOGICAL GARDENS<br>MILWAUKEE, WI<br>PARTIAL SUPPORT OF A YOUTH EDUCATION AGENT-ZOO<br>FOR THE PERIOD 01-01-83 THRU 12-31-83<br>EXT COOP E C&A OFFC,SO-EAST C&A OFC,SE (133-F887)                                | 10,155.00    |
| 13. | MILWAUKEE COUNTY<br>MILWAUKEE, WI<br>PARTIAL SUPPORT FOR PROFESSIONAL STAFF PLUS<br>EXPENSES OF PARA-PROFESSIONAL STAFF FOR THE<br>PERIOD 01-01-83 THRU 12-31-83<br>EXT COOP E C&A OFFC,SO-EAST C&A OFC,SE (133-F888)               | 62,822.00    |
| 14. | NIPPON TELEVISION NETWORK<br>TOKYO, JAPAN<br>ASTROBOY CENTER TRACK<br>EXT ED COM TELEVISION (133-G031)  | 4,500.00     |
| 15. | MILWAUKEE COUNTY DEPARTMENT OF PARKS,<br>RECREATION AND CULTURE<br>MILWAUKEE, WI<br>PARTIAL SUPPORT FOR THREE PART TIME NATURALISTS<br>FOR THE PERIOD 02-15-83 THRU 12-01-83<br>EXT COOP E C&A OFFC,SO-EAST C&A OFC,SE (133-G054)   | 3,933.00     |
| 16. | DANE COUNTY CULTURAL AFFAIRS COMMISSION<br>MADISON, WI<br>SUNDAY AFTERNOON LIVE FROM THE ELVEHJEM<br>EXT ED COM RADIO (133-G064)  | 2,750.00     |
| 17. | DANE COUNTY<br>MADISON, WI<br>PERSONNEL AND COMPUTER ASSISTANCE FOR THE COUNTY<br>COMMUNITY DEVELOPMENT AGENT FOR THE PERIOD<br>01-01-83 THRU 12-31-83<br>AWARD # AGREEMENT 90177<br>EXT COOP E AGRIC ECONOMICS (133-G067)          | 5,000.00     |

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

18. OGILVY & MATHER PUBLIC RELATIONS  
NEW YORK, NY  
GLAD DEMONSTRATION GARDENS  
EXT COOP E C&A OFFC,SO-EAST C&A OFC,SE (133-G091) 9,000.00

19. MULTIPLE DONORS  
SUPPORT PROGRAMS OF THE DEPARTMENT OF BUSINESS AND  
MANAGEMENT  
EXT G EXT BUS-MGT INSTIT BUS-MGT I (133-4539) 75.00

TOTAL EXTENSION 1,799,992.36  
=====

EXTENSION AND PUBLIC SERVICE 1,799,992.36

GIFTS, GRANTS AND CONTRACTS  
MAY 06, 1983

UNIVERSITY OF WISCONSIN - CENTRAL ADMINISTRATION

MISCELLANEOUS

1.	HUSTEDT FARMS		
	PARDEEVILLE, WI		
	CRAVEN, EUGENE C. MEMORIAL AWARD		
	(TRUST PRINCIPAL)		
	SA PRES OFF OF THE PRES	( TRUST )	150.00
	TOTAL CENTRAL ADMINISTRATION		150.00
			-----

MISCELLANEOUS 150.00

GIFTS, GRANTS AND CONTRACTS SUMMARY  
ITEMS PROCESSED 03-22-83 THROUGH 04-18-83

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY.	PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	150	-0-	-0-	-0-	-0-	-0-	150
CENTER SYSTEM	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
EAU CLAIRE	200	34,829	-0-	-0-	-0-	-0-	1,172,781	-0-	-0-	1,207,810
EXTENSION	1,799,992	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	1,799,992
GREEN BAY	-0-	-0-	-0-	19,028	-0-	17,610	1,000	-0-	-0-	37,638
LA CROSSE	-0-	-0-	-0-	400	-0-	2,000	959,759	-0-	-0-	962,159
MADISON	-0-	92,804	150,784	988,738	-0-	12,434,333	70,654	-0-	-0-	13,737,314
MILWAUKEE	-0-	206,303	-0-	1,289	-0-	403,587	22,490	-0-	-0-	633,668
OSHKOSH	-0-	119,927	-0-	-0-	-0-	2,918	1,122,418	-0-	-0-	1,245,263
PARKSIDE	-0-	-0-	-0-	13,750	-0-	-0-	2,465	-0-	-0-	16,215
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	942,699	-0-	-0-	942,699
RIVER FALLS	-0-	20,813	-0-	600	-0-	4,825	-0-	-0-	-0-	26,238
STEVENS POINT	13,688	1,608	-0-	-0-	-0-	8,300	-0-	-0-	-0-	23,596
STOUT	-0-	-0-	-0-	-0-	-0-	-0-	1,148,940	-0-	-0-	1,148,940
SUPERIOR	-0-	-0-	-0-	-0-	-0-	19,512	1,246,056	-0-	-0-	1,265,568
WHITEWATER	-0-	138,804	-0-	-0-	-0-	-0-	1,472,051	-0-	-0-	1,610,855
TOTAL MAY 1983	1,813,880	615,088	150,784	1,023,954	-0-	12,893,085	8,161,313	-0-	-0-	24,658,105
PREVIOUSLY REPORTED	7,171,125	11,428,703	1,173,708	8,706,832	3,852,878	111,107,049	41,258,877	57,252	-0-	184,756,424
GRAND TOTAL	8,985,006	12,043,790	1,324,492	9,730,786	3,852,878	124,000,134	49,420,190	57,252	-0-	209,414,529
TOTAL MAY 1982	19,711	244,356	6,402	604,084	82,580	7,572,542	2,003,896	5,526	-0-	10,539,098
PREVIOUSLY REPORTED	6,606,092	14,392,034	626,849	7,005,449	1,591,784	113,134,868	46,224,149	35,149	-0-	189,616,374
GRAND TOTAL	6,625,804	14,636,390	633,251	7,609,533	1,674,364	120,707,410	48,228,045	40,676	-0-	200,155,471
FEDERAL TOTAL MAY 1983	1,577,700	330,173	-0-	732,550	-0-	11,158,865	8,062,486	-0-	-0-	21,861,774
PREVIOUSLY REPORTED	2,892,415	10,617,684	58,740	2,361,468	703,157	83,649,584	39,224,662	-0-	-0-	139,507,710
FEDERAL GRAND TOTAL	4,470,115	10,947,857	58,740	3,094,018	703,157	94,808,449	47,287,148	-0-	-0-	161,369,483
FEDERAL TOTAL MAY 1982	20,700	75,242	1,200	138,151	82,580	6,524,928	1,870,052	-0-	-0-	8,712,854
PREVIOUSLY REPORTED	3,573,826	11,803,606	156,204	2,197,115	708,669	92,200,709	44,547,713	-0-	-0-	155,187,841
FEDERAL GRAND TOTAL	3,594,526	11,878,848	157,404	2,335,266	791,249	98,725,637	46,417,765	-0-	-0-	163,900,695

## REMARKS BY CHANCELLOR FRANK HORTON

I have the privilege this morning of introducing a member of our Board of Visitors and Dean George Keulks, who will speak to UW-M's university and industrial interaction. But before you hear from them, I would like to direct your attention to some materials which have been placed before you. The gray-covered monograph is the final report of the Goals for Greater Milwaukee 2000 Project and is provided because it speaks to major educational, economic and other issues of importance in the Milwaukee area. That monograph came about as a result of the efforts of hundreds of citizens in the Milwaukee area, some of whom are listed in the back of the volume. I had the privilege of co-chairing this effort, along with Mr. Harry Franke, who some of you know. The goals project began approximately four years ago and went into high gear in the past two years, in an effort to bring into focus important issues, goals and approaches for addressing them, but we still have much to do. I have also provided to you two of the eight task force reports, one on education and one on economy and employment, which seemed to appropriately relate to some of the remarks that Dean George Keulks will be making later. Other task force reports focused on arts, recreation and culture, on health and social well-being, on housing, on land use, on public safety, and on transportation. In addition, a symposium was held on the social implications of the rapidly-changing area of communications and its impact on our community and on our nation. There is also a volume which is forthcoming, which will be published within the next two weeks, that will provide the reports of the ad hoc committees which focused on issues across various task force boundaries; those are in the areas of planning, implementation and leadership, taxation, interlocal relations and minority relations and goal attainment.

Several faculty and staff members from UW-M played an important role in this project. The former Dean of the School of Architecture, Anthony Catanese, prior to his departure; Dean Martin Haberman, of the Division of Urban Outreach; Professor Harold Rose, of Geography; Professor Ernest Spaight, of Education and Social Welfare; Professor James Sprowls, of the School of Social Welfare; Professor Russell Robinson, of the School of Education; and many more, too numerous to mention here. All were volunteers working with fellow citizens, some of whom were employed by other universities in the Milwaukee area, and others who came from all walks of life, including business, labor and government. While the volunteers' backgrounds were varied, all had a concern for the four-county area that comprises the Greater Milwaukee area. I mention this effort because, while you will be hearing about initiatives to work with business and industry, I want to underscore the fact that faculty and staff from many disciplines continue to work with other people in a broad array of activities in Milwaukee. Given the current concerns regarding the economy, it is important not to forget that the University of Wisconsin-Milwaukee faculty and staff lend their expertise to hospitals, to schools, to community organizations, government agencies, libraries, social service agencies and a myriad of other organizations in the Milwaukee area, and in some instances, throughout the state. These faculty come from every one of UW-M's schools and colleges. Some are paid for their service. The vast majority are not.

Therefore, while Dean Keulks will be speaking to one area, I think it important that you and the public at large recognize that the University of Wisconsin-Milwaukee and, indeed, all of the centers and universities of the Wisconsin System provide help when asked if it is possible for them to do so. I also think it unfortunate that, as the university shows its concern for assisting in economic development, some would describe these efforts in a cynical or in a demeaning way, rather than a logical extension of the Wisconsin Idea. The university's efforts in this area should not be viewed differently than in any other of the many areas in which faculty and staff provide help and expertise to meet the needs of this state. It is no different than efforts in agriculture or in nursing, health service delivery, elementary and secondary education, environmental initiatives and the like. In these difficult times, cynicism, skepticism, negativism and suspicion will give all the wrong messages to faculty and staff who lend their many talents to improve their community and the state.

It is now my pleasure to introduce to you Mr. Mark Vetter, an attorney with Davis, Kuelthau, Vergeront, Stover, Werner and Goodland, who is a past chairman of the labor law section of the State Bar of Wisconsin, has served as a trustee for the Elm Grove Village Board, and is currently a member of UW-M Board of Visitors, and who will speak to you today on behalf of the University/Industrial Relations Committee of the UW-M Board of Visitors, which he has chaired for the past two years.

REMARKS BY MR. MARK VETTER, UW-MILWAUKEE BOARD OF VISITORS

It was exactly one year ago today that I appeared before this Board and at that time spoke to you regarding a committee which was formed by the University of Wisconsin-Milwaukee Board of Visitors. That committee dealt with the issue of university/industry relations. In my report this past year, I indicated to you that the committee had studied the issue of university/industry relations and had begun with the task of attempting to determine whether there was a need to develop better relationships between the university and industry, business and the general working community. I would like to point out, and I know you are all aware of this fact, that the Board of Visitors is made up of representatives of the industrial, business, professional and civic community. It is not a group of educators. So, we were looking at this issue, not from the perspective of the university, seeing what the university could do to try to develop in this area, but rather, what could the university provide to the business, industrial and professional community? What were the needs of the community? Because the graduates of our university are the people that will be working in industry and business, and as representatives of

industry and business, we want qualified people and we want a strong relationship between the two bodies.

Last year in my report I indicated that the committee had concluded that there was a need and identified for you various reasons, which I won't reiterate today, which supported our conclusion. Since that time, the issue of developing better relationships between not only UW-M, but all universities in the State of Wisconsin, and business and industry has been one of the most-discussed and highly publicized topics throughout the entire state. President O'Neil spoke on this issue on several occasions and we see more and more reports coming forth from the news media regarding this specific subject. In many of those reports, we find conclusions that one of the key elements for the future economic recovery of the State of Wisconsin will be the strengthening and developing of stronger relationships between our universities and business and industry.

With those thoughts in mind, this past year our committee reconvened, not so much with the idea of looking at the need, but how were we going to effectuate the goal of creating a better relationship between the university and business and industry. Our committee studied this issue. We were not satisfied with identifying a need, but wanted to come up with some specific items, which we called action items, to effectuate our conclusions. And during this past year, we have studied numerous models which have been utilized by universities throughout the United States to establish better relationships between those universities and business and industry. As a result of our study, we came across innumerable models, some of which are very elaborate, some of which are scaled down. From the standpoint of the University of Wisconsin-Milwaukee, we felt that we had to walk before we could run. In attempting to walk, we felt that our first goal would be to establish what we called a clearinghouse, a centralized location at the university where business and industry could contact us and work through the university to determine whether we had faculty that could work with them in certain areas where they had needs for research. As with any other task, the establishment of a clearinghouse required some type of funding, and we have currently set forth a specific amount of funding from our present budget for the UW-Milwaukee. We feel that that's seed money at best, and as you're aware, Chancellor Horton has requested additional monies from the state budget to be used in this area. Hopefully, they will be forthcoming. If they are not forthcoming, we are not stopping there; we are still proceeding ahead. We have been working with the Dean of our Graduate School, George Keulks. He has been shepherding this area throughout the course of the past year and has been working with the committee of our Board of Visitors. Most recently, the Board of Visitors has adopted the recommendation of our committee that the university form an office of industrial relations and technology transfer. And the funds which we have allocated for this will be utilized by Dean Keulks in this next year. The purpose of the office of industrial relations and technology transfer will be to work directly with the industrial and business community to try and make those communities more aware of the capabilities of the university. What we are attempting to do is focus in on the key strengths of the university.

What I would like to do now is present to you Dean Keulks, who will summarize for you some of the steps of the action items which we will be following in this next year, summarize for you some of the key areas or strengths of the UW-Milwaukee, which we hope to market to the industrial and business community, so that we can develop this better relationship which we have been talking about. Our committee is very pleased with the progress which has been made over the past two years. We hope that it will continue forward under Dean Keulks' direction and guidance in the future, and we also hope that this Board of Regents will recognize the importance of this particular function. We recognize that there are problems that will be developing, but we hope you recognize the importance of it and will give it your support from the standpoint of the budget requests which have been forthcoming from Chancellor Horton and also encourage the faculty in the University System to work in a cooperative fashion to foster this goal. It is something that those of us in the industrial, business and professional community think is very important, and we feel that it's essential for the future economic growth of this state.

REMARKS BY DEAN GEORGE KEULKS, UW-MILWAUKEE GRADUATE SCHOOL

What I'd like to do today for you is try to present, pictorially, some of the efforts we are planning at the present time to join the hands of industry and the community and the university in developing partnerships for progress. I am reminded of the Rotary International's slogan: "He profits most who serves best." It's particularly appropriate for my presentation today. For 27 years the UW-Milwaukee has served business and industry in southeastern Wisconsin as its major educational institution. We are now, as you've heard, embarking on a new journey, one to expand our research collaboration with the local business and industrial community. The outcome of our move will not only profit industry and the university, but hopefully all the people of southeastern Wisconsin through the creation of new products, companies and, most importantly, new jobs.

UW-M's chief contribution to the community is its students. They are the trained personnel on which area firms depend. In 1956, the first year of the graduate school here at UW-M--in fact we're still a teenager--there were just 360 graduate students. Today there are over 4,000 graduate students at UW-M, and you might note that we have now awarded, since 1956, 17,000 graduate degrees. Like their 22,000 undergraduate colleagues at UW-M, UW-M graduate students are more mature and older than students found on many traditional campuses. Seventy-seven percent are from southeastern Wisconsin and will remain here after graduation to serve area employers. Further, half of these students are married with families. In short, this means their roots are here in southeastern Wisconsin and they have a stake



in the economic well-being of this region. I should note that these 4,000 graduate students are spread over 44 master's programs and 16 doctoral programs in 12 schools and colleges. So the diversity of expertise that we have to offer the area is obvious. The role of providing advanced education to the people of southeastern Wisconsin has been, and will continue to be, a top priority of UW-M.

As you heard, the UW-M Board of Visitors' Committee on University/Industry Relations addressed the problem of economic recovery for southeastern Wisconsin in its report to this Board last May. It's no secret that the national and regional economy is not what it could be—that's really an understatement. All of southeastern Wisconsin reflects this situation. There is a growing awareness that the economic recovery is likely to come about through the development of new technologies and modernization of the traditional industrial base. UW-M can and should play a significant role in attracting and retaining high technology industry and, more importantly, in helping to renovate the aging industry by providing for efficient technology transfer.

New technologies are increasingly dependent on fundamental scientific understanding and effective solutions often require multidisciplinary approaches. UW-M has the unique capacity to conduct multidisciplinary research. We are proud of our tradition of developing peaks of excellence which take advantage of our location. As an example, we have developed a center of excellence in lake studies because of our proximity to Lake Michigan. Lake Michigan is an important recreational and commercial asset to the community of Milwaukee. Developing guidelines for its management and environmental protection are of great interest to our scientists. The Center for Great Lakes Studies is housed in the Great Lakes Research Facility, a facility which is available to UW System scientists and scientists throughout the state. Especially noteworthy is the availability of a fully equipped research vessel, one of the few operating on Lake Michigan, to enable our scientists to conduct high-quality research. Our scientists are obviously interested in water quality. For example, Professor Kwang Lee of our civil engineering department has been working closely with the Metropolitan Milwaukee Sewerage District in studying the plumes and outfalls from the south shore of Jones Island treatment plants and the mixing of dispersion characteristics of them and the influence of the sewerage on the water quality of the harbor and of Lake Michigan. In addition to already saving the Metropolitan Milwaukee Sewerage District several millions of dollars, this work is of great interest to Wisconsin industry. As many of you may know, by 1985 the Department of Natural Resources must provide a discharge allocation to Wisconsin companies. If the DNR requirements are more stringent than necessary, Wisconsin industries will not be able to remain competitive and obviously will relocate. Professor Lee's work in developing an accurate and fair model for predicting water quality will keep companies in our state. He is currently applying this model to analyze the effect of discharges from paper mills, the meat packing industry and the food packing industry on the water quality of the Fox River.

In another project, a grant received from a Norwegian company is making possible the study of raising lake sturgeon in the context of commercial sea farming. Great Lakes scientists Fred Binkowski and Art Brooks have developed techniques for transferring bay sturgeon hatched in our laboratories in cages to cages in Lake Michigan. The product can be diversified by controlling the variables associated with the raising of the sturgeon, such as the time of harvest. If harvested at a young age, the sturgeon are perfect for smoked fish; at a later age, they make delicious fillets. Our scientists see great potential in food production of the Great Lakes. They are working to establish breeding grounds in the lake for smallmouth bass, walleyes, lake perch and, most recently and probably most interestingly, using Lake Michigan as a breeding ground for fresh water shrimp. These projects will no doubt enhance commercial fishing in Wisconsin.

Manufacturing, of course, is Milwaukee's leading industry. We manufacture castings, machine tools, electronic controls, batteries, medical instrumentation, small engines, auto parts and containers. Faculty researchers in engineering and business administration are working on problems in flexible manufacturing, computer-aided manufacturing and design, systems modeling and optimization, materials fabrication and machine design. In the area of flexible manufacturing, Professor George Hutchinson, of the School of Business Administration, is working to solve the inherent problems associated with mid-volume machining. By automating the inefficient job shop, you can end up with a high-efficiency volume transfer line. The basic idea is projecting with computers how systems will operate and how they should be controlled before they are built. That way, mistakes are in the software and easy to rectify at a relatively low expense. George has worked with Allis Chalmers, Kearney and Trecker, Boeing and the governments and companies in West Germany, East Germany and Japan.

Scientists and engineers at UW-M are working in the areas of electronics and electronic devices. Investigation centers around computer architecture, computer networks, microprocessors, data bases, digital signal processing, integrated circuits and power electronics. One example of electronic work is that of Professor Moises Levy of our Physics Department. Moises has been working with Westinghouse to transfer the results of his basic research on surface acoustic wave devices to Westinghouse for development by their advanced technology laboratory. These soft filters can be used to signal processing devices for analyzing signals that are received and for coding signals to be transmitted. Their application, obviously, is to communication systems. They can be used in television sets and in computers, and they have applicability for satellite communication.

In research sponsored by General Electric Medical Division, surface studies scientist Carolyn Aita is studying films only a few atoms thick. This work is applicable to computer optics and energy industries. Speaking about energy, engineering professors S. H. Chan and Kenneth Neusen are studying heat transfer, particularly in relation to geothermal energy applications. Research is aimed at developing brine heat exchangers that

will operate efficiently in a scale-producing fluid. Most of you know one of the problems in using geothermal energy is the very large, solid content of the material where you can drive the heat, so it's important to be able to develop a heat exchanger that will operate in a scale-producing fluid. Such heat exchanges are vital to the increased use of geothermal energy to produce electric power. Local contributions to UW-M's energy conversion Laboratory include Climatrol, Perfex, Allis Chalmers, A. O. Smith, American Motors, Trane and Wisconsin Gas.

Architecture faculty members are investigating retrofitting of existing structures to conserve energy and have retrofitted a house near the university to conduct their research. Much of metropolitan Milwaukee consists of older but well-built housing in need of energy conservation and attention. Researchers in the Laboratory for Surface Studies are examining methods for producing hydrogen and oxygen from water, utilizing solar energy. Hydrogen has long been touted as a perfect energy source. While commercial-scale processes may be decades away, investigators are convinced that answers to technological problems will be found in photolytic and electrolytic systems for extracting hydrogen from water.

Researchers in the fields of biology, biochemistry and nursing at the UW-Milwaukee are working on biomedical investigations in the areas of recombinant DNA, biochemical RNA, coronary heart disease and cancer-related research and medicinal chemistry. Investigators are studying cytogenetics, molecular biology and DNA. Research is under way, focusing on chromosomal markers in the disease, sickle cell anemia. Other studies are dealing with recombinant DNA technology and the control of protein synthesis. Zoology Professor Peter Wejksnora has just received a large, five-year research grant to pursue his research in cell function. Peter is looking at basic processes that cells use to control growth and how cancer cells lose that control.

Advances in the fields of biotechnology and genetic engineering are creating new companies and new jobs throughout the country. At UW-M, preliminary discussions for collaborative programs in genetic engineering have taken place with Universal Foods. As I said, these new technologies are creating new jobs. Many of them are small businesses, however, which can benefit from the federally sponsored Small Business Innovation Research Program. I should note that we have three companies funded in Wisconsin through this program and all three are here in Milwaukee. One of those companies is the Incell Company. Currently, Professor Thomas Nelson of our Botany Department is working with the Incell Company on molecular-genetic research. Aimed at establishing a new line of nutritional products, Incell expects production to begin in 18 months with a \$6 million capital investment. I should note that an integral part of our research program is the availability of laboratory facilities and equipment unique to the Milwaukee area. In addition to a variety of specialized instruments which provide a broad spectrum of analytical capabilities, we have highly specialized nuclear-magnetic resonance equipment, surface analysis equipment, high-powered instruments for trace analysis and a unique structural testing laboratory that has been used by such companies as

Spancrete, Inryco, Exxon and Chevron Oil. This equipment is already being used by industrial scientists and we expect its usage to increase as we develop more and more university/industry partnerships.

We have all heard about the great high-tech centers in the United States, one of them shown there to your right—the research triangle in North Carolina. We hear of Silicon Valley, we hear of Route 128 in Massachusetts. We recognize that this is happening elsewhere and I believe it needs to happen here. A survey reported in The New York Times noted that one of the highest geographic growth areas for high-tech firms will be the Midwest, not North Carolina, Silicon Valley or Route 128, but right here. Why? Well, there are a number of answers to that. I believe at the university we have the necessary trained personnel and sophisticated equipment to move quickly on a given project. Then there is the nature of high-tech industry. High-tech industries basically are smaller businesses, working in service to a heavy industry. As all of you know, we here in Milwaukee have much of the heavy industry that such high-tech firms would feed into. As you have heard from Mark Vetter, to facilitate or expand a partnership with industry, the graduate school has established an office of industrial research and technology transfer. The purpose of any university is the distillation and commerce of thought. With this new office, the time needed to develop and issue a new system or product will be shortened considerably, through the cooperation of the university doing what it does best, in partnership with industry doing what it does best. Such a partnership best serves all parties, and all of us share in the profits it reaps for the region.

# The University of Wisconsin System



April 26, 1983

TO: President Robert M. O'Neil

FROM: Biennial Working Group on Faculty and Academic Staff  
Compensation for 1983-85

RE: Report of the Biennial Working Group

Attached is the report of the Biennial Working Group which you appointed to examine the current status of faculty and academic staff compensation, identify the issues and problems and make recommendations for consideration by the University Administration and the Board of Regents in developing their 1983-85 compensation proposals to state government.\*

The committee has perceived its role to be one of identifying the status of salaries of UW System faculty and academic staff and to advise the University administration and the Board of Regents of the compensation adjustments that are required to attract and retain faculty and academic staff sufficiently to maintain the quality of the UW System programs. The working group has not specified the total size of the compensation package but has set forth the basic components of a pay package that in its opinion are essential to the continued strength and vitality of our universities.

Our report documents the continuation of the deteriorated salary conditions reported in the last biennial report. Most salaries in the UW System have continued to decline in rankings with other peer institutions and other comparable professionals. Reports from all the institutions in the System indicate that as a consequence of inadequate compensation over the past decade a wide range of compensation-induced problems have arisen which, if continued, will erode the quality of the faculty and academic staff, their morale, productivity and ability to contribute to the University's goal.

\* The state statutes provide that the State Secretary of Employment Relations, after receiving recommendations from the Board of Regents, shall submit a proposal to the Legislative Joint Committee on Employment Relations for adjusting compensation and employe benefits for faculty and academic staff. The proposal may recommend across-the-board pay adjustments, merit or other adjustments and employe benefit improvements. The proposal as approved by the Joint Committee on Employment Relations and the Governor shall be based upon a percentage of the budgeted salary base. The amount included in the proposal for merit and adjustments, other than across-the-board pay adjustments, shall be available for discretionary use by the Board of Regents.

In making its recommendations, the Working Group recognized that the salary conditions result from a decade of deterioration and cannot be corrected in one biennium, particularly given this current period of economic recession. However, we feel that salary conditions are so serious that some commitment must be made to begin to make improvements in salaries over a number of biennial periods. We are very encouraged by Governor Earl's recommendation to provide special funds for faculty recognition and promotion. His proposal is a morale booster and will help in the efforts to retain some of our most productive faculty and academic staff.

We suggest that the Board of Regents again appoint a negotiating team to make the compensation proposals to state government. We will be happy to assist in any way to explain our report to the Board of Regents or to state government as you may wish.

The 1983-85 Working Group is the best we have worked with in the three biennia that we have served as co-chairmen of the working groups. The members worked harmoniously and under intense time pressure to produce an outstanding report and recommendations addressing current and long-term needs of the University of Wisconsin System.

As co-chairmen we want to acknowledge in particular the contributions of Professor Arthur Atkisson, UW-Green Bay, Professor Donald Dietrich, UW-Stevens Point and Professor John Schillak, UW-Eau Claire, who chaired the Working Group's Information, Drafting and Fringe Benefits Subcommittees, respectively.

We speak for every member of the Working Group in acknowledging also the invaluable assistance received from Elwin Cammack, Glenn Jensen, Susan Meives, Fran Rieser and Cathy Tesar. Meriting special commendation is Wally Lemon who contributed so much guidance to the Working Group and who worked so hard and so long and so tirelessly, weekends and evenings included, helping with the Working Group's 1983-85 report.

James Skiles/Charles Bauer, Co-Chairmen  
On behalf of the Working Group

REPORT OF THE BIENNIAL WORKING GROUP  
ON FACULTY AND ACADEMIC STAFF COMPENSATION FOR 1983-85

COMPENSATION PLAN AND THE QUALITY OF EDUCATION

Reasonable compensation of faculty and academic staff is essential to assure the goal of high quality in the University of Wisconsin System. This report documents a steady deterioration in faculty and academic staff compensation which threatens the quality of public higher education in Wisconsin. This is surprising in a state long noted for its support of public higher education. It is also unfortunate in a time when education is important to the citizens of Wisconsin to meet the challenges of a rapidly changing world.

UW System institutions are among the state of Wisconsin's most valuable assets. Wisconsin is a leader in providing access to postsecondary institutions, ranking fifth among the states in the percentage of its total population enrolled in public postsecondary institutions. The benefits of higher education have been enhanced further by the "Wisconsin Idea" through which the universities serve the economic and social needs of the state through their research and public service activities. The faculty and academic staff are the lifeblood of the University. Deterioration in the commitment to the faculty and academic staff immediately translates into a deterioration in the overall University with adverse consequences for the state's citizenry and economy.

Like many industrial states, our state is facing a difficult period of economic transition which may continue for several decades. The transition thus far has been a painful one with unemployment and numerous bankruptcies. At times like these, when our economic and social well being seem to be ebbing, quality higher education may appear to be a luxury. In reality education is the fuel that powers progress and productivity and enhances the quality of life.

The role of the University of Wisconsin System in this period of transition is a vital one. Access to higher education improves the economic opportunities available to the citizens in our state. Such access is not only important to the high school graduate but also provides an important opportunity for continuing education, retraining, and advanced work for non-traditional students. The non-traditional student constitutes a significant and growing part of the citizenry served by the UW System.

Higher Education is a key factor in assuring that our state will have an educated, productive work force. Representatives of such companies as General Electric have acknowledged that the quality of the UW System was instrumental in their decision to build in the state. University research has also brought forth many new technologies as well as problem solving approaches and has had an additional positive effect on our state's economy in terms of attracting research funds which are spent here in Wisconsin.

In addition, the UW System's contribution to the liberal education of the citizens of the state enhances the quality of their lives. The University has always recognized its obligation not only to advance the material well-being of the people but intellectually and aesthetically to enrich their existence as well. As Governor Earl recently said, "the return we expect on our educational investment is a work force rich in ability, preparation and creativity."

Finally, the ability of the University System to continue making a positive contribution to our state and its future is dependent upon attracting and retaining high quality faculty and academic staff as well as maintaining their morale. Competition from private industry and other universities has greatly diminished the ability of the UW System to do this. In short, the compensation needs of the faculty and academic staff of the UW System can no longer be ignored without adverse consequences to the well-being of the State of Wisconsin.



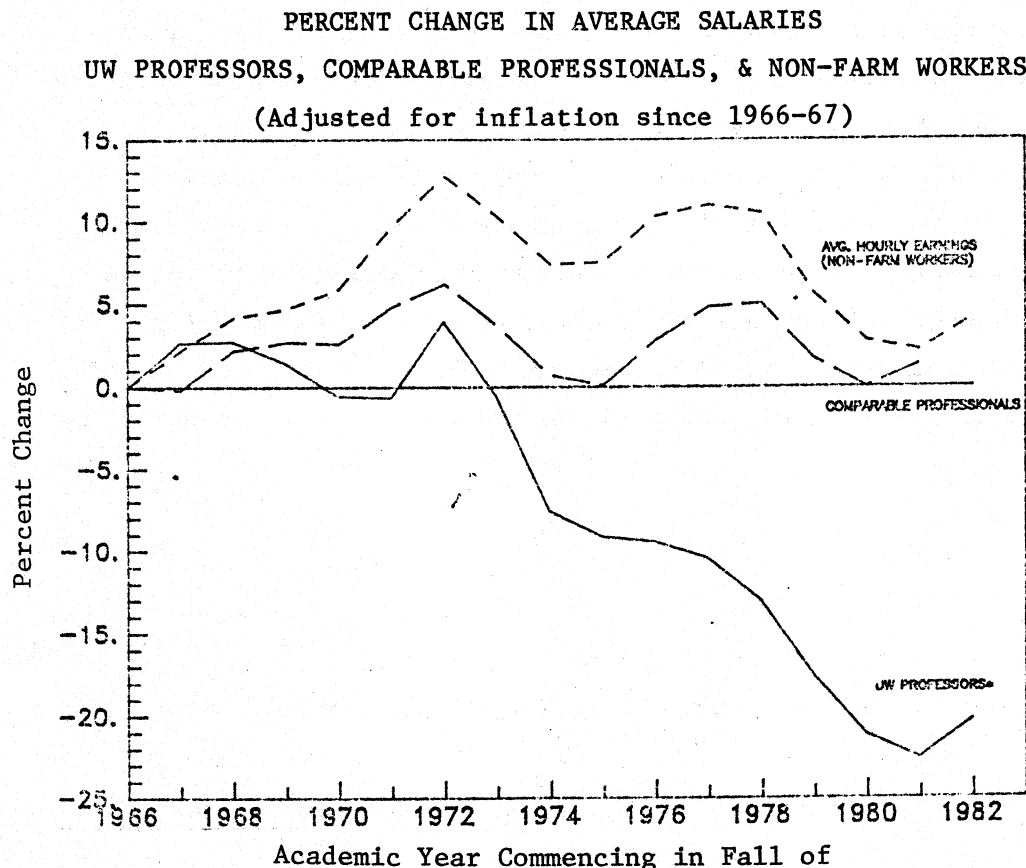
FINDINGS OF THE WORKING GROUP

The compensation problems identified in the Report of the 1981 Biennial Working Group continued to plague UW System institutions throughout the 1981-83 biennium. The following are the findings of the 1983-85 Biennial Working Group.:

A. The Real Income of UW Faculty and Academic Staff Has Declined

In all but one year since 1972-73, the total percentage increase authorized for UW salaries has not been sufficient to cover the increase in the cost of living let alone reward meritorious accomplishments, fund promotions and meet competitive market conditions or other compensation needs. As a result, the real income of faculty and academic staff has declined significantly and relatively more than the experience of comparable professional groups and the average hourly earning of all non-farm groups.

Figure 1



\*1982-83 Reflects the full amount of the 8% pay plan. Only 6% was received in 1982-83 due to a delay in the effective date of the pay increase.

Figure 1 compares the changes in real income of UW System professors to comparable professionals,\* and to private non-farm workers\*\* in the United States for the period from 1966-67 through 1982-83. For simplicity, only data for UW System professors are shown in the chart. Other faculty ranks have experienced similar declines during this period.

- Real income of UW System professors declined by 20.2% since 1966-67.
- Real income of private non-farm and comparable professionals increased by 4.1% and 1.4% (1981-82), respectively, since 1966-67.
- The real income of UW System professors is projected to increase about 2.3% in 1982-83 over 1981-82, the first increase in a decade, due only to the lessening of inflation in late 1982.

B. UW Faculty and Academic Staff Salaries Do Not Compare Favorably With Other Professional and Technical Groups

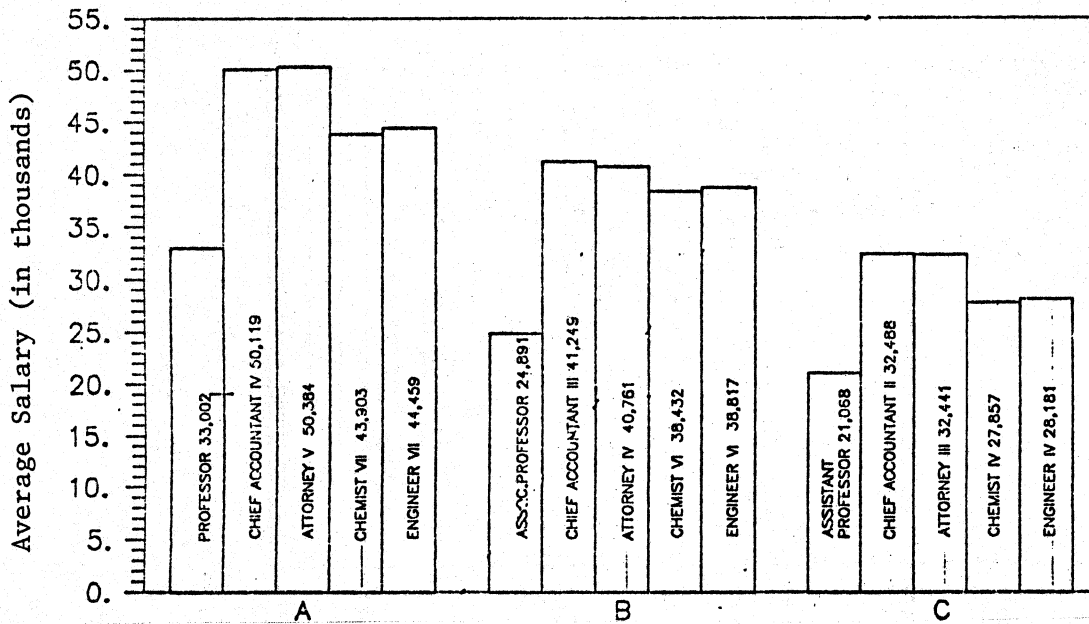
The UW System competes for faculty and academic staff not only with other educational institutions but also with public and private sector employers. Demands for qualified staff are exacerbated by increased enrollments in fields such as business, computer science and engineering and also by demands for professional and technical personnel in these same fields in the public and private sectors. The UW System has attempted to compete by channeling an increasing share of salary increases into these areas. Average salaries in those high demand disciplines are now above the average of all disciplines within the UW System. However, even these attempts have been limited by the fact that increases in the cost of living in the past decade have exceeded authorized pay plans.

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\* National Survey of Professional, Administrative, Technical and Clerical Pay, U. S. Department of Labor.

\*\* Employment and Earnings, published monthly by U. S. Department of Labor.

Figure 2

1981-82 AVERAGE SALARY  
UW FACULTY & PROFESSIONALS IN PRIVATE INDUSTRY



NOTES

- 1.) All salaries are expressed on an academic year basis. Salaries of professionals converted to an academic year basis by applying a factor of 9/11 to their annual salary.
- 2.) Salaries of professionals in private industry from March, 1982 National Survey of Professional, Technical, Administrative & Clerical Pay, U.S. Department of Labor, Bureau of Labor Statistics

Figure 2 compares the 1981-82 average salaries of UW System faculty in each rank to those of accountants, attorneys, chemists and engineers with similar responsibilities and training.

- Salaries in the private sector are from \$7,000 to \$17,000 higher on an academic year basis.

Figure 3

**% DIFFERENCE BETWEEN AVERAGE SALARIES OF UW PROFESSORS  
AND COMPARABLE PROFESSIONALS**

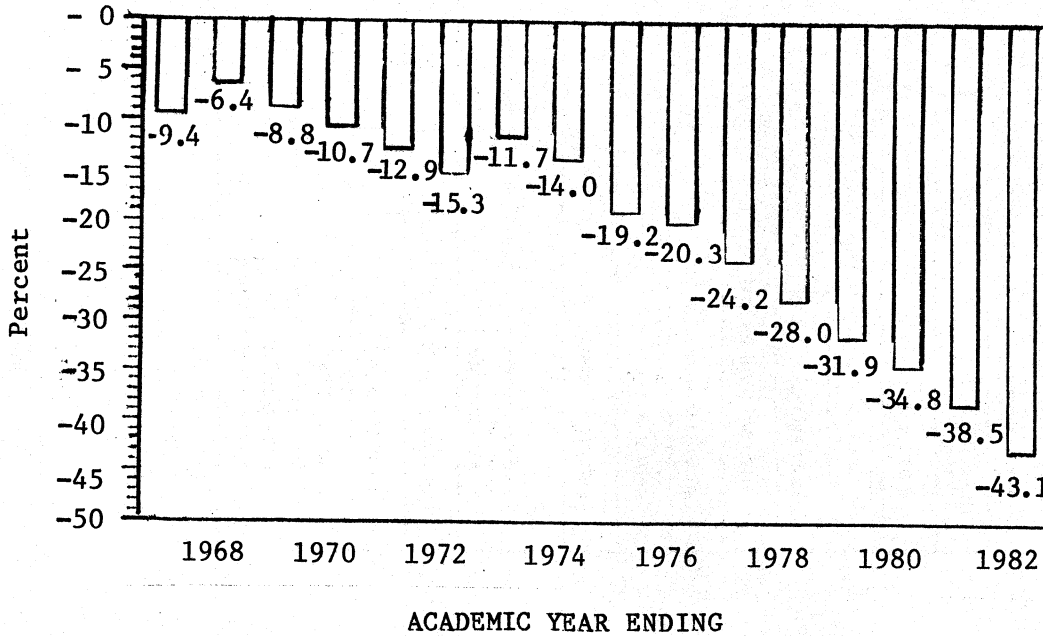


Figure 3 expresses the percentage differences between average salaries of UW professors and those paid to comparable professionals.

- The gap between faculty salaries and salaries in the private sector has increased dramatically since 1966-67.
- In 1967-68 salaries of professors averaged 6% less than those in the private sector; by 1981-82 the gap had grown to 43%.
- The dollar gap in 1966-67 of \$1,408, had increased to \$14,214 by 1981-82.

C. UW Faculty and Academic Staff Salaries Are Not Competitive With Those of Other Educational Institutions

Attachment 1 compares the relative position of Wisconsin faculty by rank with their peer groups for fiscal years 1979-80 and 1981-82.

- In the past two years, average salaries at all ranks in the UW System deteriorated when compared to average salaries of peer institutions, with two exceptions.
- UW-Madison salaries rank at or near the bottom when compared with the other nine institutions of the Big Ten institutions.
- UW-Madison professors' and associate professors' salaries rank near the bottom when compared with 55 national research universities.
- Among the "Urban 13" institutions, the average salary of full professors at UW-Milwaukee ranks ninth, associate professors tenth and assistant professors ninth.
- University Cluster (4-year) institutions compared to 60 peer group institutions rank in the lower half for professors, near the middle for associate professors and in the top half for assistant professors.
- UW-Centers compared with 22 liberal arts transfer institutions rank 17th for associate professors and 18th for assistant professors.

D. UW Faculty and Academic Staff Fringe Benefits Are Not Competitive

As a result of improvements in fringe benefits in the private sector and other public employment, a deterioration in the competitiveness of faculty and academic staff fringe benefit compensation has occurred. The following fringe benefit problems emerge:

- Ninety-eight percent of other public employers under the Wisconsin Retirement System pay the full amount of the employe's contribution. Similarly, private sector employers generally fund the full amount of retirement programs. Currently, the state does not assume the full amount of the 5% employe contribution.
- Studies by the State Retirement Research Committee show that benefits under the Wisconsin Retirement System place Wisconsin in the lowest 10% of U. S. public retirement systems. The Wisconsin System has a low basic benefit formula and generates some of the lowest annuities.
- Skyrocketing increases in health care costs threaten the quality of future health care coverage that will be available to state employes. In the period 1974-83, the cost of a single person contract has risen 262% while the cost of a family plan has increased 259%. The burgeoning cost of health care services preempts funds that could otherwise be available for improvements in salary and fringe benefits.

CONSEQUENCES OF INADEQUATE COMPENSATION

This section is based on survey reports covering the last biennium and the current year from all institutions in the UW System on problems produced by declines in real income of faculty and increasing competition for the services of faculty and academic staff.

UW is Experiencing Significant Turnover Rates of faculty and academic staff.

- During the past six years approximately 2,300 faculty of a total of about 6,000 have left the UW System because of retirement, to accept positions elsewhere, or non-renewal of non-tenured faculty.
- UW System faculty and academic staff are receiving offers at other institutions averaging 41% higher than their UW System salaries.

Salary Compression resulting from hiring faculty at competitive market salary levels is a growing problem in the UW System.

- A narrowing of the salary gap between new and continuing faculty is occurring in many disciplines where effective recruitment requires paying competitive market salaries for new faculty.
- The recruitment of new assistant professors in business, computer science, engineering and other critical fields currently requires offering salaries in excess of those paid current assistant professors.
- In some departments the average salaries of the new assistant professors approach those of continuing associate professors.

Continuing Difficulties in Recruiting are contributing to erosion of the quality of UW programs.

- In some critical shortage fields, many UW campuses have found it necessary to reduce the terminal degree and experience requirements ordinarily expected of new faculty.
- On all campuses it is rare for departments to successfully recruit "first choices," even when terminal degree and experience requirements are not reduced.
- Increasing numbers of departments are making temporary and part-time lecturer appointments to meet current teaching needs.
- In other cases departments have been able to resist lowered requirements and the use of temporary appointments, but have either accepted increased class sizes or faculty course overloads.

Inadequate Compensation Adjustments have resulted in a growing inability to reward those who render meritorious performance.

- Salary adjustments in the UW System have traditionally recognized meritorious performance as a means of promoting quality faculty and academic staff.
- In the last decade salary funds have not been sufficient to keep up with inflation let alone meet other compensation needs.
- Funds available in the last decade for recognition of meritorious performance have not been adequate to properly reward superior performance.



There is a Shrinking Pool of Potential University Faculty in many high demand fields.

- Graduates at the bachelor's level in many fields are rejecting the pursuit of academic careers because of the relative economic attractiveness of other professions.
- Shortages of faculty and academic staff in high demand areas are worsening and shortages in other fields are developing.

The Ability of the University to Contribute to the Economic Well-Being of the State is affected by these compensation-induced problems.

- Research awards provide employment and also defray a significant portion of the operating cost of the University. The University of Wisconsin-Madison faculty alone brought in federal and other research grants in excess of \$100,000,000 in 1981-82.
- In fiscal 1982-83, UW-Madison extramural support funded over 1,600 faculty, academic staff and classified staff positions. An additional 1,081 graduate assistants and employes-in-training are supported on non-state research grant funds.
- 2,267 UW-Madison faculty averaged \$44,600 each in research grants in 1981-82.
- 322 UW-Madison faculty with academic 1982-83 year salaries over \$45,000 averaged \$137,400 each in research grants in 1981-82.
- Research grants to UW-Madison in 1981-82, were about 67% more than the state tax funds used for faculty salaries at the UW-Madison.

DECADE OF DECLINE IN BUDGET SUPPORT

Compensation plans have consistently lagged behind inflation rates during the past decade and have left the universities at a competitive disadvantage in the competition for faculty and academic staff with other educational institutions, government agencies and industry. That trend is part of the larger story about the decline in state budget support for higher education in Wisconsin during the past decade. The underfunding of the UW System, so dramatically and precisely documented by the Instructional Funding Report of July 1982, establishes the context for understanding the findings of this report. The conclusions of that report show that every university in the System is less well funded for instruction now than it was in 1973-74, and that the System is funded well below the average of its peer institutions and has dropped from sixth to thirty-sixth among the fifty states in the level of support in the last decade. Since compensation makes up the overwhelming portion of university budgets, it is clear that the decline in support falls heavily on faculty and academic staff salaries. Figures 4 and 5 show graphically the budget decline.

Figure 4  
UW System Budgeted  
Cost per Student

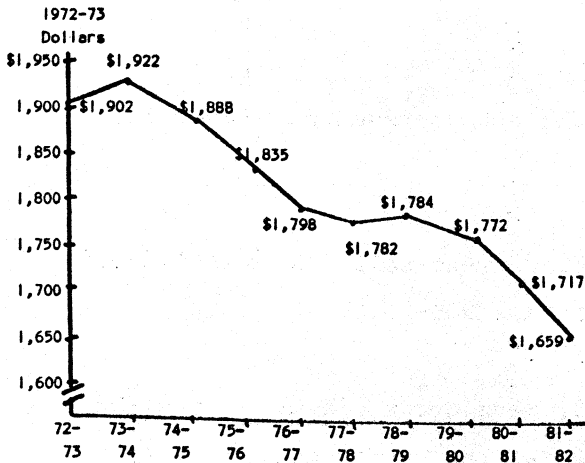
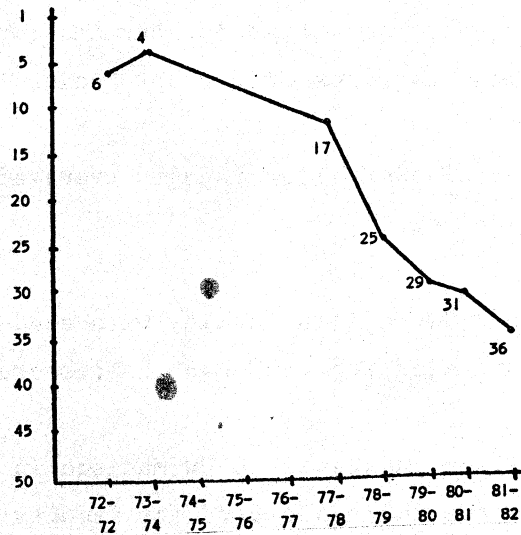


Figure 5  
Wisconsin's Ranking Among  
the 50 States  
Appropriations for Higher Education  
per FTE Student



Governor Earl has recommended in the 1983-85 Executive Budget that the state reaffirm its commitment to higher education by halting the downward trend in funding per student for instruction-related resources of the UW System. His budget also includes \$500,000 annually to fund salary increases for faculty members in recognition of outstanding academic achievements.

SUMMARY

This report documents a steady deterioration in faculty and academic staff compensation. The following statements summarize these findings and the effects on the quality of public higher education in Wisconsin.

- Reasonable compensation for faculty and academic staff is an important public goal to assure high quality of public higher education in Wisconsin. Maintenance of quality education promotes progress and productivity as well as enhances the quality of life.
- Faculty and academic staff are in an unfavorable compensation relationship not only with other educational institutions, but with comparable professionals nationally, regionally, and locally in the private and governmental sectors.
- Serious difficulties are being encountered in recruiting competent faculty and academic staff. Where recruitment has been successful, it has often required the appointment of new personnel at salary levels substantially in excess of that of current personnel of comparable or greater experience, rank, and ability.
- The loss of faculty and academic staff to competitive institutions is growing to significant proportions. The erosion in the "real dollar" salary of the faculty in the past decade has been extensive when compared with the experience of other educational institutions and other professional or private non-farm workers and has undermined the ability of Wisconsin's universities to compete effectively in the retention and recruitment of faculty and academic staff.
- The UW System's contribution to the state's economy and general welfare through federally and privately supported research and technical assistance is reduced by the inability to keep pace with competitive salary offers to highly valued and productive faculty and academic staff.

- The deterioration of salaries over the last decade has diminished the attractiveness of the academic profession, so there is a growing concern about Wisconsin's ability to maintain a standard of quality in the face of higher salary levels for other comparably trained professionals.
- The compensation needs of the faculty and academic staff of the UW System can no longer be ignored without adverse consequences.

#### RECOMMENDATIONS

The Working Group proposes that the Board of Regents appoint a University of Wisconsin System negotiating team to include Regents, members of System Administration and representatives of the Working Group to present the following recommendations to the appropriate representatives of state government:

1. The salaries paid to University faculty and academic staff must be related to those paid professionals in government, industry and other educational institutions. Accordingly, the state should adopt this goal: Increase faculty and academic staff salaries, over the next four to six years, to levels competitive with comparable professional salaries and with salaries at peer universities.
2. The 1983-85 salary plan should have these components:
  - a. A long-term competitive component, each year of the biennium, as the first step in a multi-year commitment to bring faculty salaries into a competitive position with salaries of other professionals.

- b. A merit component, to be used selectively each year to recognize and reward superior teaching, research, public service and professional accomplishments.
  - c. A retention component, to address the pressing immediate problems of retention of faculty identifiable as critical to existing instructional and research programs.
  - d. A fixed component, to be applied each year as a percentage of individual salaries, adequate to prevent further erosion of purchasing power.
3. The faculty and academic staff benefit program should be improved in these ways:
- a. The state should assume the remaining 1% of the employe's retirement contribution.
  - b. The retirement system should be improved. Alternatives to the present formula-based retirement plan should be explored, including increasing the 1.3% of final average salary per year of creditable service in the retirement benefit formula. The goal should be to increase retirement benefits to at least the median level of public employe retirement plans nationally.
4. The Board of Regents and the administrations should be given flexibility in administering 1983-85 pay plan funds so as to meet the needs of individual institutions.

Attachment 1

UNIVERSITY OF WISCONSIN COMPENSATION COMPARISONS  
 RELATIVE POSITION OF WISCONSIN FACULTY BY RANK  
 (Academic Year Average Salaries)

	Professors		Associate Professors		Assistant Professors	
	<u>1979-80</u>	<u>1981-82</u>	<u>1979-80</u>	<u>1981-82</u>	<u>1979-80</u>	<u>1981-82</u>
<u>UW-Madison: Leading Doctoral Institutions<sup>1</sup></u>						
<u>Average Salary Ranking</u>	<u>36 of 55</u>	<u>42 of 55</u>	<u>38 of 55</u>	<u>48 of 55</u>	<u>19 of 55</u>	<u>25 of 55</u>
Highest Institution	\$40,222	\$50,170	\$25,965	\$34,516	\$20,470	\$28,544
UW-Madison	30,724	35,569	22,172	25,337	18,686	22,022
Lowest Institution	25,987	30,704	19,286	23,605	16,570	19,512
<u>Average Total Compensation*</u>						
<u>Ranking</u>	<u>33 of 55</u>	<u>42 of 55</u>	<u>28 of 55</u>	<u>45 of 55</u>	<u>15 of 55</u>	<u>22 of 55</u>
Highest Institution	\$48,381	\$61,195	\$32,152	\$42,109	\$25,753	\$34,232
UW-Madison	36,903	43,087	27,169	31,305	23,055	27,349
Lowest Institution	30,294	36,525	22,504	27,823	19,057	22,672
<u>UW-Madison: Big 10 Institutions<sup>1</sup></u>						
<u>Average Salary Ranking</u>	<u>7 of 10</u>	<u>8 of 10</u>	<u>8 of 10</u>	<u>10 of 10</u>	<u>5 of 10</u>	<u>7 of 10</u>
Highest Institution	\$34,374	\$41,597	\$23,399	\$28,668	\$19,190	\$23,401
UW-Madison	30,724	35,569	22,172	25,337	18,686	22,022
Lowest Institution	29,347	34,385	21,831	25,337	17,872	21,018
<u>Average Total Compensation</u>						
<u>Ranking</u>	<u>7 of 10</u>	<u>7 of 10</u>	<u>6 of 10</u>	<u>10 of 10</u>	<u>3 of 10</u>	<u>6 of 10</u>
Highest Institution	\$40,617	\$49,590	\$29,327	\$35,095	\$24,035	\$29,159
UW-Madison	36,903	43,087	27,169	31,305	23,055	27,349
Lowest Institution	35,396	42,158	26,646	31,305	21,638	26,305

\* Total Compensation includes cash salary and fringe benefits.

Note 1: These rankings include the University of Minnesota whose salary increase for 1981-82 was delayed. The averages submitted to NCES were increased by 10% per Minnesota official.

Source: National Center for Education Statistics (NCES)

UNIVERSITY OF WISCONSIN COMPENSATION COMPARISONS  
 RELATIVE POSITION OF WISCONSIN FACULTY BY RANK  
 (Academic Year Average Salaries)

	Professors		Associate Professors		Assistant Professors	
	<u>1979-80</u>	<u>1981-82</u>	<u>1979-80</u>	<u>1981-82</u>	<u>1979-80</u>	<u>1981-82</u>
<u>UW-Milwaukee: Instructional Funding Peer Group</u>						
<u>Average Salary Ranking</u>	<u>8 of 13</u>	<u>9 of 13</u>	<u>12 of 13</u>	<u>10 of 13</u>	<u>3 of 13</u>	<u>9 of 13</u>
Highest Institution	\$33,921	\$41,964	\$26,201	\$33,881	\$21,460	\$27,172
UW-Milwaukee	30,710	35,729	22,254	25,755	18,658	21,517
Lowest Institution	26,926	29,372	21,958	24,235	17,448	19,497
<u>Average Total Compensation</u>						
<u>Ranking</u>	<u>5 of 13</u>	<u>7 of 13</u>	<u>5 of 13</u>	<u>11 of 13</u>	<u>2 of 13</u>	<u>5 of 13</u>
Highest Institution	\$41,097	\$51,788	\$32,110	\$42,194	\$26,646	\$34,061
UW-Milwaukee	36,903	43,310	27,282	31,826	23,034	26,757
Lowest Institution	30,974	37,241	23,074	28,804	18,123	23,520
<u>UW-University Cluster: Instructional Funding Peer Group Institutions</u>						
<u>Average Salary Ranking</u>	<u>31 of 60</u>	<u>32 of 60</u>	<u>25 of 60</u>	<u>28 of 60</u>	<u>13 of 60</u>	<u>13 of 60</u>
Highest Institution	\$30,070	\$34,788	\$23,343	\$27,238	\$19,587	\$23,725
UW-University Cluster*	26,403	30,410	21,469	24,810	18,281	21,301
Lowest Institution	25,494	25,976	18,504	22,201	15,083	17,532
<u>Average Total Compensation</u>						
<u>Ranking</u>	<u>25 of 60</u>	<u>30 of 60</u>	<u>19 of 60</u>	<u>27 of 60</u>	<u>13 of 60</u>	<u>12 of 60</u>
Highest Institution	\$37,180	\$42,549	\$28,391	\$33,459	\$23,578	\$29,428
UW-University Cluster*	32,069	37,306	26,385	30,731	22,611	26,543
Lowest Institution	30,052	30,934	22,763	25,996	18,570	21,816

\* The UW University Cluster combined average for each faculty rank is used and this average is ranked within the peer group institutions counting the University Cluster as an additional institution.

UNIVERSITY OF WISCONSIN COMPENSATION COMPARISONS  
 RELATIVE POSITION OF WISCONSIN FACULTY BY RANK  
 (Academic Year Average Salaries)

	Professors <u>1979-80</u> <u>1981-82</u>	Associate Professors <u>1979-80</u> <u>1981-82</u>	Assistant Professors <u>1979-80</u> <u>1981-82</u>
<u>UW-Center System: Liberal Arts Transfer Institutions</u>			
<u>Average Salary Ranking</u>	Insufficient data	<u>13 of 24</u>	<u>17 of 22</u>
Highest Institution		\$22,746	\$27,910
UW-Center System		20,119	22,981
Lowest Institution		17,772	20,809
<u>Average Total Compensation</u>			
<u>Ranking</u>	Insufficient data	<u>14 of 24</u>	<u>15 of 22</u>
Highest Institution		\$28,492	\$35,844
UW-Center System		24,806	28,558
Lowest Institution		20,882	24,458

Source: National Center for Education Statistics (NCES)



5/83

I - 3  
II - 1  
III - 1

Completed & checked

E. UW-SUPERIOR

1. 1981-83 Small Energy Conservation Projects (8203-10)

- a. Thermostats & Time Clock (Erlanson Hall)  
Johnson Controls, Inc. - Duluth, MN \$ 9,105.00

F. UW-WHITEWATER

1. 1982 Sixteen Building Masonry Repairs (Sayles/White/Fischer/Goodhue/Arey/Benson/Fricker/Lee/Bigelow/Clem/Knitans/Tutt/Wellers Residence Halls/Esker Hall Food Service Facility/University Center and Addition/Moraine Hall) (8206-57)

a. Masonry Restoration & Related

- Base Bid 1 (Seven Residence Halls)  
Raymond Restoration, Inc. - Caledonia \$ 52,120.00
- Base Bid 2 (Six Residence Halls)  
Cliff Navis Company, Inc. - McFarland \$ 38,325.00
- Base Bid 3 (University Center & Esker Hall)  
Raymond Restoration, Inc. - Caledonia \$ 29,110.00
- Base Bid 4 (Moraine Hall)  
A. J. Spanjers Company, Inc. - Minneapolis, MN \$ 1,250.00
- TOTAL CONTRACT AWARDS: \$120,805.00

II. CONTRACT CHANGE ORDERS IN EXCESS OF \$30,000.

There are none to report this month.

*UW-Press - Assignment of Copyright transferring interests in the book "Thermoluminescent Dosimetry", published by U.W. Press, to the author, John Cameron, numpers. item A*

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

*X ref - Cameron, John - same*  
A. An Assignment of Copyright transferring interests in the book "Thermoluminescent Dosimetry," published by U.W. Press, to the author, John Cameron by the Board of Regents of the University of Wisconsin System has been signed by the Vice President and Trust Officer.

*X UW-Milwaukee - Share crop lease agreement between Marvin Hoffman + Board for use of 17 acres of land in Saukville, numpers. item B*

B. A Share Crop Lease Agreement between Mr. Marvin Hoffman of Saukville, Wisconsin and the Board of Regents of the University of Wisconsin System has been signed by the Vice Chancellor of the University of Wisconsin-Milwaukee covering use of 17 acres of land in Saukville owned by the University for the period April 1, 1983 through December 31, 1983.

*X ref - Hoffman, Marvin - same*  
C. A renewal agreement between the Board of Regents of the University of Wisconsin System and the City of Madison, which provides for the Fire Department's antenna and radio transmitter atop Van Vleck Hall, has been signed by the UW-Madison Vice Chancellor for Administration. The term of the agreement commenced January 1, 1982, and is to continue for a period of five (5) years.

*X Madison City of - Renewal agreement for Fire Department's antenna & radio transmitter atop Van Vleck Hall, numpers. item C*

*X ref - Van Vleck Hall - same as above*

Arlington Experimental Farm - signing of Certification to accompany university's application to US Environmental Protection Agency for a Part B permit for the hazardous waste facility, *III - 2*  
*IV - 1* *item D*

D. On behalf of the Board of Regents, the University of Wisconsin - Madison Vice Chancellor for Administration has signed a Certification which accompanied the University's application to the U.S. Environmental Protection Agency for a Part B Permit for the hazardous waste facility at the Arlington Experimental Farm. This is required under the EPA's Resource Conservation and Recovery Act Legislation.

*Chicago, Milwaukee, St. Paul & Pacific RR Co. - lease covering right-of-way property on both sides of tracks, west from Randall Ave to University Ave for fire lane & beautification, n.p.m., item E*

E. A lease between the Chicago, Milwaukee, St. Paul and Pacific Railroad Company covering right-of-way property on both sides of the tracks, running west from Randall Avenue to University Avenue, has been signed by the Assistant Secretary of the Board. The purpose of the lease is for fire lane and beautification purposes only (landscaping/site improvement) and runs for a five-year period from December 1, 1982.

*Madison, City of - Easement to City of Madison for highway purposes on the University Ave improvement project, from Bassett St. to Babcock Drive, n.p.m., item F*

F. Under the authority granted by Board Resolution 518 (dated June 8, 1973), the Assistant Secretary of the Board has signed a document granting a permanent easement to the City of Madison for highway purposes. This easement is granted in conjunction with the University Avenue Improvement project, running from Bassett Street to Babcock Drive.

*X ref - University Avenue - same as above*

G. To Be Published by UW-Press:

<u>TITLE</u>	<u>AUTHOR</u>
"Sectional Stress in the Twentieth Century: The Evolution of the American Political System"	Richard F. Bensei
"Walt Whitman: A Critical Study"	Harold Bloom
"Manuscript on Henry James"	John Carlos Rowe
"Ernest Hemingway, The Writer in Context"	James Nagel
"PENSHURST: The Semiotics of Place and Poetics of History"	Don E. Wayne
"From Yeshiva to University: Jewish Learning and Academic Disciplines"	Jacob Neusner, ed.

IV. REPORT OF ACTIONS TAKEN BY THE STATE BUILDING COMMISSION IN APRIL 1983, AFFECTING THE UNIVERSITY OF WISCONSIN SYSTEM.

The next meeting of the State Building Commission is scheduled for April 27, 1983; therefore, no actions have been taken since those last reported.