



# LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

## **Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: October 9, 1987. 1987**

River Falls, Wisconsin: Board of Regents of the University of Wisconsin System, 1987

<https://digital.library.wisc.edu/1711.dl/RLZNFYQEINFP68L>

Copyright 2008 Board of Regents of the University of Wisconsin System

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.

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

River Falls, Wisconsin  
October 9, 1987

S U B J E C T   I N D E X

	<u>Pages</u>
Approval of minutes	1
REPORT OF THE PRESIDENT OF THE BOARD	
Report on the Ben R. and Ruth M. Lawton Scholarship Fundraising Committee	1
Report of the regent member of the ECB	2
Report on the September 25, 1987, HEAB meeting	2-3
Report of the President of the VTAE Board	3-4
Report on book by Frank Newman: <i>Choosing Quality</i>	4
Report on September 22, 1987, Cooperative Extension conference	4-5
Reporting of board actions	5
Publications sent to former regents	5
Letters sent to emeritus faculty members	5
REPORT OF THE PRESIDENT OF THE SYSTEM	
Approval of nonpersonnel actions/informational items	5
Remedial education	6
UW-River Falls presentation: A Commitment to Excellence in Teaching	6-8
Report of the United Council of UW Student Governments	8-9
REPORT OF THE EDUCATION COMMITTEE	
Approval of Education Committee minutes	9
Report of the vice president for academic affairs	9-10
UW-River Falls presentation on scholarly activity	10
Information report on accreditation by the North Central Association of Colleges and Schools, UW-Oshkosh	10
Authorization to plan new program: BBA in Personnel and Human Relations, UW-Whitewater	10-11
Authorization to plan new program: BS in Construction, UW-Stout	11-12
Revisions to ACIS-1 and ACIS-1.1	12-13 & EXHIBIT A
University of Wisconsin academic scholarship program, first reading	13-15

<u>Subject Index</u>	<u>Pages</u>
<b>REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE</b>	
Deferral of UW-Madison land purchase/exchange	15
Approval of annual release of 1987-89 advance land acquisition funds and authorization to purchase specific parcels	15-16
Approval of GPR and PR funded roof repair/replacements	16-17
Approval of program-revenue funded minor projects	17-19
Approval of 1987-89 minor projects funding allocation procedure	19-22
Report of the vice president	22
<b>REPORT OF THE BUSINESS &amp; FINANCE COMMITTEE</b>	
1988-89 annual operating budget request to the state	23-24
Report on 95-102.5 percent exercise	24
Approval of gifts, grants and contracts	25
Study of administrative position salaries	25
Update on non-refundable admission deposits	25-27
Report of the acting vice president	27
Support for increase in 1988-89 financial aid funding to HEAB	27-28
<b>ADDITIONAL RESOLUTION</b>	
Appreciation to UW-River Falls	28-29
<b>CLOSED SESSION ACTION</b>	
Authorization for HMO, UW-Madison Center for Health Sciences	29-30

MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

River Falls, Wisconsin

Held in Room 201, Rodli Commons, UW-River Falls  
Friday, October 9, 1987  
9:00 a.m.

- President Weinstein presiding -

PRESENT: Regents Clusen, Davis, Fish, Flores, Gerrard, Grover, Hanson, Hassett, Heckrodt, Lyon, Nicholas, Nikolay, Schenian, Schilling, and Weinstein

ABSENT: Regent Vattendahl

Approval of Minutes

Upon motion by Regent Fish, seconded by Regent Schenian, the minutes of the September 11, 1987, meeting were approved with the following change.

Regent President Weinstein welcomed Regent Erroll B. Davis, Jr., of Madison, who had been appointed to the Board of Regents to succeed Edith N. Finlayson. Mr. Davis, ~~who/was~~ President of the Wisconsin Power and Light Company, received a bachelor's degree in electrical engineering from Carnegie-Mellon University and a Master of Business Administration degree from the University of Chicago.

REPORT OF THE PRESIDENT OF THE BOARD

*Regent Committees - Lawton Scholarship - Report on fundraising p. 1*  
Report of the Ben R. and Ruth M. Lawton Scholarship Fundraising Committee

Regent Hanson, co-chairman of the committee, reported that total gifts and pledges to the Ben and Ruth Lawton Scholarship Fund amounted to more than \$175,000. Actual gifts received were in excess of \$69,000 and outstanding pledges to be received over the next three years totaled \$106,381. It was expected that the committee's fundraising goal would be exceeded.

✓ ECB - Report on financial status & request for investment help from UW-Madison School of Business, p. 2

Report of the Regent Member of the Educational Communications Board

Regent Clusen reported first that Vice President Bornstein, the UW System representative to the Educational Communications Board, had been elected chair of the ECB Foundation. The rules regarding ECB membership on the foundation board had been broadened, with the caveat that only one person from any constituency could serve on the foundation board at one time.

Indicating that the ECB Foundation had decided to seek the advice of the UW-Madison School of Business on how to handle its investment portfolio, Regent Clusen said this would be tried for a test period, the long-term goal being to reduce the cost of having the investment fund handled by a bank, with a potential savings of about \$7,000. There also would be a benefit to the School of Business in that actual experience in managing an investment portfolio would be provided.

Regent Clusen reported that, over the last few years, both ECB and WHA had experienced substantial decreases in their budgets and so had explored ways to work more closely together in order to preserve adequate money for programming. As a result, beginning September 1 of this year, ECB and WHA had established two joint appointments: one for Richard Lawson, in the area of radio, and one for Byron Knight, as program manager for both the ECB and WHA. This three-year agreement was developed by Luke Lamb of UW-Extension and Paul Norton of ECB. Additional ways to cooperate in the interests of economy and efficiency were being sought.

In response to a question by Regent Nicholas, Regent Clusen said the ECB Foundation fund varied from about \$1.1 million to \$3.5 million, with a fixed level of \$1.1 million. Of that amount, \$750,000 might be available for investment at any one time.

Regent Nicholas cautioned against trying to save money on fees, to the possible detriment of investment performance, by committing large sums to an educational institution which might not have sufficient expertise in money management.

Regent Clusen noted that the temporary agreement did not involve turning over all funds to the School of Business, but only some of them, beginning with smaller amounts as an experiment.

✓ HEAB - Attempt to amend bylaws to limit board representation, pp 2-3

Report on the September 25, 1987, Meeting of the Higher Educational Aids Board

President Weinstein called attention to the written report included in the agenda materials.

As a member of HEAB, Regent Nikolay noted that, when the Higher Educational Aids Corporation separated from the Higher Educational Aids Board last year, it was stated that HEAB would have adequate representation on the corporation board. This year, the corporation amended its bylaws to reduce HEAB representation to one member, and he suspected that the remaining representation might soon be eliminated. In protest, he had voted against the amendment to the bylaws.

Regent Weinstein asked if the Higher Educational Aids Board had made any public statement on the matter, and Regent Nikolay replied in the negative.

*VTAE - Report on having VTAE as preferred provider of remedial education, UW/VTAE study on non-credit transfers, and on VTAE programs, and on a UW/VTAE/DPI booklet for high school course selection,*

Report of the President of the VTAE Board

Regent Hassett, President of the VTAE Board, referred to a letter from President Shaw on remedial education, which suggested that the VTAE should be the preferred provider of remedial instruction. Regent Hassett sent copies of that letter to the 16 local VTAE directors with a request for their assessment, so that the VTAE could bring a recommendation to the Board of Regents. It was his hope that a system could be devised that would eliminate remedial education at the university level in five to ten years.

pp 3-4

With regard to the continuing UW/VTAE study on non-credit programs, Regent Hassett, who co-chaired the task force with Regent Lyon, reported that progress was being made and that subcommittees on agriculture, home economics and business were preparing recommendations regarding what should be taught by each institution. The task force also was considering expansion of authority to make decisions by the local committees of the Joint Administrative Committee on Continuing Education.

*under Regent Committee?*

*UW/VTAE Task Force on Noncredit Programs - Report in progress, p. 3*

Regent Schilling asked if the problem of remedial education was one which the VTAE System was interested in handling, inasmuch as President Shaw had made it clear that the UW System did not want to abandon the problem and thrust it on another institution.

Regent Hassett expressed his belief that at this time the VTAE System did want to take on the project, with the understanding that matters such as cost sharing and program location would need to be addressed.

Commenting that he continued to be impressed by the technical colleges situated in all parts of the state, Regent Weinstein noted that their availability was all the more important in view of reports which indicated that 80 percent of the population would need postsecondary education and many of that number would need the kind of education provided by technical colleges. He observed that the framers of Chapter 36 were wise in providing for regent and VTAE presidents to sit on each other's boards and that it was an important symbol of the need to work together.

At the last VTAE board meeting, a booklet called *Preparing for Life and Work--A Guide to High School Course Selection*, had been distributed. Signed by Regent Grover, State Superintendent of Public Instruction, by Robert Sorensen, State Director of the VTAE System, and by President Shaw, it sent a message to young people about the importance of high school in making choices about careers. Noting that he found it to be an excellent document, Regent Weinstein expressed the hope that other ways could be identified in which the three educational systems could work together.

Regent Hassett added that he had visited nine of the 16 technical colleges and was impressed by the fact that each of them offered a particular training program that was not available elsewhere. The effort was being made to find the best way to disseminate information about these unique programs to people in other parts of the state.

Regent Schilling inquired as to how a certain program was chosen for a particular institution.

Regent Hassett explained that programs were locally developed and were generated by demand in the area to meet local needs, such as trucking safety programs in Eau Claire and the Fox River Valley. While the state board had been criticized by the Legislative Audit Bureau for not having generated statewide programs, he was not sure the criticism was justified, since the system was intended to vest considerable authority in the local boards which knew best what local citizens wanted in their programs.

In response to a question by Regent Weinstein, Regent Hassett added that all new programs required state board approval, as did proposals to discontinue programs, so that there was state board oversight of locally generated proposals.

Regent Weinstein observed that whenever a new program was proposed, the state board received a map showing every VTAE district and other districts in which that kind of program was offered, so that the extent of program duplication was readily apparent.

*newspaper*  
Newman, Frank - Report on Book, *Choosing Quality*, p. 4

Report on Book by Frank Newman: *Choosing Quality*

While he found the book, *Choosing Quality*, to be interesting and helpful, Regent Weinstein called attention to several omissions: First, while the author had visited UW-Madison and UW-Milwaukee, he did not look at the UW System as a whole--one of the largest systems in the country. Second, the book did not mention the UW System's long-range plan, which could serve as a model for the nation. Third, although the author talked with administrators, legislators and governors, he did not interview any governing board members and thereby omitted a significant part of the governance structure.

Recalling that Mr. Newman had previewed his book at the last Association of Governing Boards' conference, Regent Clusen said she had spoken with him at that time and her reactions were similar to Regent Weinstein's.

*Clusen*

Report on the September 22, 1987, Cooperative Extension Conference, pp 4-5

Reporting that he had given the keynote address at the Cooperative Extension Conference, President Weinstein said he was impressed by the attendance of 400 faculty and staff at this conference on planning for the future. He called attention to the publication titled *Designing the Future* and asked Chancellor Boyle to provide the board with copies of this

document, which demonstrated UW-Extension's concern about managing its limited resources and prioritizing its programs.

Reporting of Board Actions

Noting that some members of the press had misunderstood the board's September actions on business education and schools of business, President Weinstein cautioned against going to press with preliminary materials, particularly since the regents often modified recommendations and resolutions presented to them.

*✓ Regents - Emeritus - Inclusion on mailing list for summary minutes & "Clip Sheet," p. 5*

Publications Sent to Former Regents

At the suggestion of Regent Emeritus Governor Knowles, Regent Weinstein had asked former board members if they were interested in staying on regent mailing lists. The result was 18 requests from regents emeritus for summary minutes and 16 requests for the Clip Sheet.

*✓ Emeritus -*

Letters Sent to Emeritus Faculty Members, p. 5

President Weinstein reported that he had sent individual letters to faculty and staff granted emeritus status in the past year. Length of service for these 138 individuals totaled 3,648 years, with an average of 26.4 years per person--a most impressive record of dedication to the UW System.

---

REPORT OF THE PRESIDENT OF THE SYSTEM

Approval of Nonpersonnel Actions/Informational Items

Upon motion by Regent Schilling, seconded by Regent Nikolay, Resolution 3908 was adopted unanimously.

Resolution 3908: That the report of nonpersonnel 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.

-



Remedial Education - *Committee of UW, VTAE & DPI committee, p.6*

President Shaw announced that a committee involving the UW System, the VTAE System and the Department of Public Instruction was being formed, to consider ways of providing remedial education and of communicating to students the importance of learning. Recommendations were expected next spring.

*UW-River Falls - Presentation to Board, "*

UW-River Falls Presentation: A Commitment to Excellence in Teaching, pp 6-8

Introducing the presentation, which focused on the distinguished teacher award at UW-River Falls, Chancellor Thibodeau characterized the commitment to excellence in teaching as a special strength of UW-River Falls and a central part of its mission. He introduced Dr. Philip George, Chair of the Faculty Senate, for presentation of a video he had developed on the distinguished teacher award.

Dr. George indicated that 24 years ago the university, through the UW-River Falls Foundation, began support of a program to identify each year a distinguished teacher on campus. The 24 people who had received these awards had been selected by polling graduates of the current year, as well as graduates of three years and five years previously. The video featured interviews with a number of recipients of the distinguished teaching award and comments by others. A summary follows:

Dr. John Buschen, who received the award in 1973, observed that an effective teacher must know the subject very well, must be enthusiastic and must be well-organized. A professor of art, he pointed out that all courses were taught by faculty with national reputations as practicing artists, so that even first year students were exposed to the best teachers. The Art Department made a special effort to enroll students who were not art majors on the basis that art should enrich the lives of all students. UW-River Falls was pleased with the results of these efforts and found that non-art majors felt more freedom to explore than traditional art students. In teaching art history, Dr. Buschen had been rewarded by having students come back years later and say how excited they were to visit great museums and be able to appreciate what they saw.

Dr. Carol LeBreck made the following statement about Professor Emogene Nelson, who received the distinguished teaching award in 1976: "Emogene was first and foremost a wonderfully warm, caring human being whose zest for life energized all those who were fortunate to have shared time with her. She was a cherished member of her family and a very special friend to her colleagues. Emogene was a dedicated educator who shared her personal excitement and love of learning with her students. She nurtured their curiosity and challenged their creativity. She was a valuable mentor to many of us who had been students and to many young professionals who were inspired by the qualities of this unusually sensitive and perceptive woman. Emogene was a leader--one who led from example--not by pulling from ahead or pushing from behind, but rather by walking beside you, encouraging individuals to become the best that they could be and to share in the design and attaining of a collective vision of what might be. For the 16 years that I worked beside this extraordinary woman, she spoke of the day we would

have a new physical education building and a well equipped laboratory for the study of human performance. Emogene was committed to the essence of sport, to the beauty of movement, whether it was found in the play of the young child or the skillful performance of the trained athlete. And she was committed to the significance of scientific inquiry into the study of movement. It is therefore a most fitting tribute to name, in honor of Emogene A. Nelson, a facility which will find students and faculty engaged in the search for scientific knowledge and in the pursuit of intellectual and physical excellence."

Dr. Dean Henderson, who received the distinguished teaching award in 1978, commented that he was completely surprised by the honor and felt somewhat awed by the prospect of living up to the expectations it produced. His philosophy of teaching was to make classes both challenging and pleasant. A professor of animal and food science, he noted the benefits of a new facility in providing space needed to give students hands-on experience and expand their horizons. It was unfortunate, he commented, that his ten percent UW-Extension appointment had been eliminated, since it had allowed him to bring actual experience with industry into the classroom so that students could be shown what to expect in the outside world.

Dr. Robert Bailey, who was named the distinguished teacher in 1983, commented that one difference between excellent teachers and others was that excellent teachers knew their students as individuals and genuinely cared about them. While poorer teachers might think of their students as "they," excellent teachers would think of their students as "we," the people with whom they worked and studied.

Dr. William Mahanna, who won the distinguished teacher award in 1985, said he was particularly pleased with the total commitment to students at UW-River Falls. This commitment was viewed broadly and encompassed outside activities, which he considered important in broadening the student's education, as well as in energizing the teacher. A professor of animal and food science, he noted that it was easy to forget real-world problems while teaching theory in the classroom. Therefore, he considered it important also to engage in such activities as speaking to producer groups and judging county fairs, in order to provide education to people in those settings, as well as to learn how to better assist agricultural interests.

Dr. Janna Cowen, who was named distinguished teacher for 1987, noted that as a divorced mother she had been a non-traditional student and was therefore able to identify with the ever-larger percentage of non-traditional students coming to UW-River Falls, many of whom were from families where college education was not the norm. By its emphasis on teaching, she felt UW-River Falls met a great need by supporting students like these, who had to work exceptionally hard for their education. "It is appreciated by these students. You can see it as they walk across the stage at graduation and you can be so proud of them. They are proud of themselves; their families are proud of them; and we have really accomplished something when we have done that."

The video concluded with the following statement by Chancellor Thibodeau: "The most prestigious award offered at this university is the distinguished teacher award. That award, initiated in 1965, is intended to showcase excellence in teaching.... The University of Wisconsin is a world-class university system. And the University of Wisconsin-River Falls is a unique window to that incredibly valuable resource. This university is special in many ways, but certainly at the heart of our mission is teaching. Teaching and the importance of teaching is something that we remind ourselves of every time a major decision is made--how that decision will impact on the quality of the teaching/learning experience on this campus. The distinguished teacher award is intended to showcase that excellence in teaching. The interaction that occurs between our faculty and students, we feel, is very special indeed. And it is people who give this place such a special quality. Teaching excellence in the teaching/learning experience is something that we feel is critically important and something that we want to highlight each time we talk about this university to our public. As one looks over the list of names, one finds, again and again, individuals who have devoted a personal and professional lifetime to this university and this university system. The excellence we celebrate in terms of individual efforts is reflected in our faculty. The distinguished teachers whom we honor each year with this award are role models indeed and reflect the commitment to excellence of our teaching faculty as a whole."

✓ Report of the United Council of UW Student Governments - *Report on year's platform, pp 8-9*

Mr. Adrian Serrano, President of United Council, noted that the council currently represented 21 of the 26 UW System campuses, or more than 140,000 students.

With regard to United Council's platform for the coming year, he commented that many of the issues it contained were long-term in nature and that he considered it important to leave the organization with ongoing projects. Noting that last year's United Council platform contained 44 issues, he said it had been his goal to bring that number down to a more manageable level.

The issues in this year's platform included the following: a tuition cap at 33 percent of instructional cost; financial aid increases above the amount requested by the Higher Educational Aids Board; civil rights on the national level; board appointments; sexual harassment; minority recruitment and retention; transfer of credits; safety on campus; non-traditional student issues; and political participation. This last issue he considered to be of particular significance in that success would do much to empower students. Included would be work on voter registration, getting out the vote and encouraging students to take part in presidential and U.S. Senate campaigns of their choice.

With regard to the nomination of Mr. John Jarvis as the student member of the Board of Regents, Mr. Serrano noted that the issue was one in which many students had been involved and that it now was in the hands of the Legislature. Whatever the result, he felt the issue had helped to empower students and to mobilize them to work on other issues.

*Jarvis, Robert John - Mentions of United Council of UW Student Governments report on nomination to Board, p. 8*

In conclusion, Mr. Serrano indicated that he looked forward to working with the Board of Regents during the coming year and to passing on to future student leaders a good relationship with the board.

- - -

REPORT OF THE EDUCATION COMMITTEE

The committee's report was presented by Vice Chairman Flores.

Approval of Education Committee Minutes

At the request of Regent Davis, the minutes of the September 10, 1987, meeting were changed to express a stronger commitment in item 4, paragraph 3, which stated that System Administration should report to the board when it had been decided that programs would be continued, even if they were no longer to be reviewed for accreditation.

Report of the Vice President for Academic Affairs

Campus Visits

Vice President Trani reported to the committee that he had completed visits this fall to more than half of the institutions in the system, to discuss their program planning and review, the review of their mission statements, and development of proposals for centers of excellence. The schedule called for revised draft mission statements from each institution to be provided to the Office of Academic Affairs by January 1, 1988, with centers of excellence proposals due July 1, 1988.

✓ *Regent - Regent Study Group on Articulation - Development of protocols for implementation of resolutions, p. 9*  
Protocols for Regent Study Group Resolutions

It was reported by Dr. Trani that protocols had been developed to implement Regent Study Group resolutions 6 and 21, dealing with the development of articulated UW-VTAE programs.

Protocols were nearing completion for study group resolutions 9B, 9C, and 9D, dealing with undergraduate programmatic balance, the review of general education, and the identification and review of programs requiring special attention.

✓ *UW-Parkside - Host for 1/88 systemwide conference on assessment, pp 9-10*  
Systemwide Conference on Assessment

Dr. Trani announced that UW-Parkside would host a systemwide conference on assessment from January 28-30, 1988, with a number of prominent national resource people in attendance. President Shaw planned to open the conference and provide the charge to the group.

Responding to a question raised during committee discussion, Dr. Trani stated that a list of programs requiring special attention, identified by the process utilized for study group resolution 9D, would be prepared for the board in December.

*Fees - Request by Regent Weinstein that the system for per-credit tuition study be revenue neutral, p. 10*

In committee discussion of development of a per-credit tuition proposal, Regent Weinstein requested the record to reflect the revenue-neutral intention of such a study.

*UW-River Falls*

UW-River Falls Presentations on Scholarly Activity, p. 10

Regent Flores reported that the committee heard interesting presentations on scholarly activity projects of three UW-River Falls faculty members. Professor Edward Brown, Physical Education, demonstrated a micro-fit unit of the Human Performance Laboratory; Professor James Senft, Mathematics, demonstrated a model of a Stirling heat engine which had been built at UW-River Falls; and Professor Stephen Ridley, Food Services, demonstrated an experiment on consumer tastes and preferences developed for the maple syrup industry.

*UW-Oshkosh*

Information Report on Recent Institutional Accreditation by the North Central Association of Colleges and Schools, UW-Oshkosh, p. 10

The committee heard an informational report on the recent reaccreditation of UW-Oshkosh, for the maximum ten-year period, by the North Central Association of Colleges and Schools.

*North Central Assn. of Colleges & Schools - Reaccreditation of UW-Oshkosh programs, p. 10*

UW-Oshkosh also was informed by the North Central Association that its institutional self-study report had been selected as one of five such reports to be used this year by other universities as a model, in preparation for NCA accreditation visits.

Chancellor Penson, Vice Chancellor Ward and Professor Robert Chaffin discussed the development of the self-study, the strengths identified by the North Central Association, and responses to the suggestions which resulted from the accreditation review.

The committee extended its congratulations to Chancellor Penson and the staff and faculty of UW-Oshkosh.

*UW-Whitewater*

Authorization to Plan New Program: BBA in Personnel and Human Resources Management, UW-Whitewater → R 3909, pp 10-11

Regent Flores reported that, on second reading, the committee unanimously approved the authorization for UW-Whitewater to plan and implement a new academic program: a Bachelor of Business Administration in Personnel and Human Resources Management.

*Academic Programs - (same, but add "at UW-Whitewater")*

It was moved by Regent Flores and seconded by Regent Hanson that the following resolution be adopted by the board:

Resolution 3909: That, upon the recommendation of the Chancellor of the University of Wisconsin-Whitewater and the President of the University of Wisconsin System, the Chancellor of the University of Wisconsin-Whitewater be authorized to plan and implement the Bachelor of Business Administration in Personnel/Human Resource Management.

With regard to both Resolutions 3909 and 3910, Regent Clusen asked if there had been discussion by the Education Committee about the specificity of the two degrees. Some time ago, she recalled, there had been concern about whether particular programs were being designated more specifically than necessary.

Replying that the committee had not discussed the matter as such, Regent Flores added, however, that in the case of the UW-Whitewater program, student demand and changes in the industry were cited as factors in designation of the degree.

Chancellor Connor added that the BBA in Personnel and Human Resource Management was a commonly-used designation. Other specific titles included the BBA/Accounting and the BBA/Marketing. It was indicated that businesses often looked for graduates with specialized degrees.

Regent Weinstein asked if this trend also was evidenced in master's degree programs.

Replying in the negative, Chancellor Connor said the MBA was well established as a general graduate degree in business, although UW-Whitewater also offered an MS Degree in Accountancy.

Regent Davis added that the proposal for a BBA in Personnel and Human Resource Management reflected the fact that 40 percent of the business students at UW-Whitewater were enrolled in the personnel option and that the designation was responsive to the demands of the market place.

Put to the vote, Resolution 3909 was unanimously adopted.

*✓ UW-Stout - )*

Authorization to Plan New Program: BS in Construction, UW-Stout *R 3910, pp 11-12*

The committee unanimously approved the requested authorization to plan a BS in Construction at UW-Stout.

Resolution 3910 was moved by Regent Flores, seconded by Regent Schenian and unanimously adopted by the board.

*✓ x ref Academic Programs - (same, but add "at UW-Stout")*

Resolution 3910: That, upon the recommendation of the Chancellor of the University of Wisconsin-Stout and the President of the University of Wisconsin System, the Chancellor of the University of Wisconsin-Stout be authorized to plan and implement the Bachelor of Science in Construction.

Academic Programs

Approval of Revisions to ACIS-1 and ACIS-1.1

*(program of planning guidelines and entitlement to plan)*

*R 3911,  
pp 12-13 4  
EX A*

Reporting unanimous committee approval of Resolution 3911, Regent Flores noted that the academic information series documents, which contained the basic UW System policies and procedures related to academic program development, were updated periodically as revisions were needed. Some of these documents were initially approved by the Board of Regents and subsequent modifications also required board approval.

The currently proposed revisions were described as primarily non-substantive in nature and as an attempt to clarify language and streamline the process. Illustrations were given of proposed revisions which clarified but did not alter the guidelines nor the concept of academic planning incorporated in earlier versions.

The committee requested that, when such revisions were presented in the future, a summary of changes be included, with information as to why the changes were being made and interpretive comments as to whether the changes were viewed as substantive or significant.

Regent Flores moved adoption by the board of Resolution 3911 and the motion was seconded by Regent Schenian:

Resolution 3911: That, upon the recommendation of the President of the University of Wisconsin System, the revisions to ACIS-1, "Academic Program and Planning Guidelines" and the revisions to ACIS-1.1 (formerly ACPS 1.1), "Policy Paper on Entitlement to Plan," be approved.

(A copy of the revisions is included as EXHIBIT A.)

In discussion at the board meeting, Regent Flores noted that he had raised the question of whether the committee was satisfied that on some relatively major actions, such as establishment or elimination of a department or a center and elimination of a degree or a major, reports to the regents were for information only and regent approval was not required. Committee members felt that, if reports were provided for information, the board on its own could initiate whatever action it felt necessary. Regent Flores pointed out that, if an action had already been taken by the institution, later action by the Board of Regents might be effectively precluded. He had been assured, however, that the regents would be advised of any action which was expected to present a problem.

In response to a question by Regent Weinstein, Regent Flores said this provision was carried forward from earlier versions of the document and was not proposed for change.

Vice President Trani added that the revisions were minor, with the exception of moving from a five-year to a four-year academic planning cycle, annually updated. The document itself had been in existence for many years. As an illustration of other modifications, he cited a change which showed that the chancellor had final institutional authority for implementing, rather than approving, new academic programs, following approval action by the board. This was a clarification of language to reflect actual policy and practice.

Regent Weinstein asked if the committee was satisfied that the only substantive change was to move from a five-year to a four-year planning mode.

Replying in the affirmative, Regent Flores added that one benefit of bringing these documents before the regents for revision was to call attention to the document and to provide opportunity to look at the document as a whole, in addition to reviewing specific revisions.

Regent Weinstein noted that if the Education Committee wished in the future to review any policy provisions of the document, those matters could be placed on the agenda.

Regent Flores said the committee would look into that possibility.

Put to the vote, Resolution 3911 was adopted unanimously.

*Financial Aid - Proposal for*

*SUW*  
University of Wisconsin System Academic Scholarship Program, pp 13-15

Continuing his report, Regent Flores stated that the committee was presented with a draft proposal for a pilot University of Wisconsin System academic scholarship program, which would offer scholarship support for the sophomore, junior and senior years to those all-state scholars who enrolled as freshmen in the institutions of the University of Wisconsin System. A plan for the UW System to offer annual awards through the National Merit Scholarship Corporation to those scholars who enrolled in the UW System also was proposed. There was spirited discussion by the committee concerning this matter, with questions raised about need-based versus merit-based financial aid, whether the focus should be on encouraging students to remain in the state after graduation, the student body mix becoming even more heavily dominated by Wisconsin residents, the importance of inducements other than financial assistance, and the concept of reward rather than recruitment. A revised proposal was to be returned to the agenda for the November meeting of the Education Committee, after which it would be reported to the board.

In discussion at the board meeting, Regent Nicholas asked if the revised proposal would be changed substantially from what was originally recommended.

*ref*  
Scholarships - (same)



Indicating that the input of Chairman Grover and the committee would be taken into account by Vice President Trani, Regent Flores explained that concern had been expressed at the committee meeting about the efficacy of such a program and whether UW System institutions had taken all the other steps they could take to keep top scholars in the state. There was hesitancy expressed about trying to solve such a problem by "throwing money at it." He added that the regents should be kept informed on this matter so that they would not be faced with a totally new proposal just before the November meeting.

Regent Davis added that the committee discussion did not produce clear guidance to staff and that it might be necessary to review the matter several more times before making a decision. Fundamental questions had been asked as to whether this program was intended to be a recognition of scholarship or a recruitment device and whether programs for those purposes would necessarily take the same shape. Therefore, the committee first would have to decide what kind of a program was wanted before proceeding to a specific design.

Regent Nicholas expressed his hope that some sort of program would be developed to show the UW System's interest in top scholars. While he was somewhat concerned about the financial focus of the proposal, he thought it important to take steps to deal with the matter.

Noting that there was no other program of this type in the UW System, Regent Fish commented that such a plan had a great deal to recommend it, and that it need not diminish efforts in other areas. As a member of the UW Foundation's Executive Committee, he knew that the foundation also intended to provide funding for top scholars. He emphasized that the UW System could not afford to permit a perception to arise that it was not interested in the best students and that evidencing this interest would be important to the way the public perceived the UW System.

Regent Weinstein suggested that the Education Committee might wish to consider the question of the best source of funding for these kinds of programs, whether public, private or a combination.

Regent Heckrodt indicated it would be helpful to members of the board to know what efforts each campus currently was making to recruit merit scholars and how those efforts were funded. President Weinstein asked that a summary of such programs be sent to the regents.

It was noted by President Shaw that two issues had been identified: whether the program should be an award, a recruitment tool or some combination; and whether it should be supported by private funds, public funds, or some combination. He asked the regents to convey any advice on those or other issues before November, so that they could be incorporated in the ideas that would be developed.

President Weinstein observed that there seemed to be no disagreement with need to recognize top students. The question was what kinds of programs should be developed to reach the goal.

Noting that the idea was not a new one, Regent Nikolay recalled that years ago the University of Wisconsin had given scholarships for tuition remission to the valedictorian and the salutatorian of each Wisconsin high school class.

---

REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

Chairman Nikolay presented the report of the committee.

*✓ Bldg + Land - Deferral of*  
UW-Madison: Approval of Land Purchase/Exchange at 101 N. Murray St., p. 15

This proposed land transaction was deferred at the request of the committee, in order to allow time for additional review of acquisition costs for the property at 101 N. Murray Street in the City of Madison, there being a substantial difference between the equalized value and the appraised value. It was expected that the request would be returned to the agenda for the November meeting.

*✓ Bldg + Land -*

Approval of Annual Release of 1987-89 Advance Land Acquisition Funds and Authorization to Purchase Specific Parcels, R 3912, pp 15-16

Reporting unanimous committee approval of Resolution 3912, Regent Nikolay moved its adoption by the board, and the motion was seconded by Regent Schenian.

Resolution 3912: That, upon the recommendation of the UW-Oshkosh, Platteville, River Falls and Stout Chancellors and the President of the University of Wisconsin System, authority be granted to seek the release of \$450,000 of 1987-89 Advance Land Acquisition Funds to appraise, option and purchase the specified parcels at or below the average of the appraised values.

Parcels to be acquired under the Systemwide contingency portion of the allocation as well as any parcel which cannot be acquired at or below the average of the appraised values will be returned to the Board for further consideration:

*✓ UW-Oshkosh - Bldg + Land - Authorization to purchase land parcel, R 3912, pp 15-16*  
*✓ UW-River Falls - Bldg + Land - (same)*  
*✓ UW-Stout - Bldg + Land - (same)*

University	Parcels to be Acquired	Estimated Expense Purchase, Relocation Moving and Closing Costs
UW-Oshkosh	1	\$ 55,000
UW-Platteville	2	110,000
UW-River Falls	1	130,000
UW-Stout	1	55,000
Systemwide Contingency	(2) (Est.) 5 + (2)	100,000 \$450,000

*✓ UW-Platteville - Bldg + Land -*  
*Authorization to purchase land parcels, R 3912, pp 15-16*

Each parcel acquired under this authority is to be reported to the Board in the Report of Non-Personnel Actions by Administrative Officers of the Board.

In response to a question by Regent Davis, Regent Nikolay explained that the systemwide contingency was intended to cover variations in the cost of identified parcels, as well as to purchase other parcels which might be needed.

Vice President Brown added that any properties to be purchased with contingency funds would be brought to the board for approval, as would purchase of any identified property that could not be acquired at or below the average of the appraised value. The resolution simply earmarked funds to be used for such purposes.

Put to the vote, Resolution 3912 was adopted unanimously.

Roof Problems →

Approval of GPR and PR Funded Roof Repair/Replacements at UW-Eau Claire, Green Bay, La Crosse, Madison, Parkside, Stevens Point & Whitewater, R 3913, pp 16-17  
 Regent Nikolay moved adoption by the board of Resolution 3913, which had been unanimously approved by the committee. The motion was seconded by Regent Schenian and carried unanimously.

Resolution 3913: That, upon the recommendation of the UW-Eau Claire, UW-Green Bay, UW-La Crosse, UW-Madison, UW-Parkside, UW-Stevens Point and UW-Whitewater Chancellors and the President of the University of Wisconsin System, authority be granted to plan, bid and construct the following roof repair/replacement projects at a total estimated cost of \$1,247,100, from the following funding sources:

General Fund Supported Borrowing -	
Maintenance Program	\$1,097,100
Program Revenues	150,000
	<u>\$1,247,100</u>

✓ UW-Eau Claire - Bldgs + Land - Approval of  
 → McIntyre Library Roof Replacement, \$150,500, Maintenance Program funds R 3913, pp 16-17

✓ UW-Green Bay - Bldgs + Land - Approval of  
 → Creative Communications Building Roof Replacement, \$169,000, Maintenance Program funds R 3913, pp 16-17

✓ UW-La Crosse - Bldgs + Land - Approval of  
 → Mitchell Hall - North Low Roof Replacement, \$102,100, Maintenance Program funds R 3913, pp 16-17

✓ UW-Madison Bldgs + Land - Approval of  
 → Babcock Hall Roof Replacement, \$181,500, Maintenance Program funds R 3913, pp 16-17

✓ Roof Babcock Hall - Approval of  
 roof replacement, R 3913, pp 16-17

- ✓ ~~UW-Parkside - Bldgs + Land - Approval~~  
 ✓ ~~Wyllie Library Learning Center - High Roof Replacement, \$225,000, Maintenance Program funds~~ R 3913, pp 16-17
- ✓ ~~UW-Stevens Point - Bldgs + Land - Approval~~  
 ✓ ~~Science Building - Original Unit Roof Replacement, \$269,000, Maintenance Program funds~~ R 3913, pp 16-17
- ✓ ~~UW-Whitewater - Bldgs + Land - Approval~~  
 ✓ ~~Wells Residence Hall - Towers Roof Replacement, \$150,000, Program Revenues~~ R 3913, pp 16-17

Regent Fish pointed out that, with two exceptions, the roofs to be repaired or replaced were old ones. In reply to a question by Regent Hanson, he said not all were flat roofs.

Approval of Program-Revenue Funded Minor Projects

The committee unanimously approved five minor projects. At UW-Green Bay, the request was for \$207,000 of program revenues for a University Village Apartments siding project involving the remaining five of the nine buildings in the complex. At UW-La Crosse, there were program revenue requests for three residence halls. In Reuter and White halls, work involved heating and ventilating system upgrades, at costs of \$160,700 and \$184,500, respectively. The third request was for \$244,500 to undertake handicapped accessibility modifications in Wentz Hall, the first residence hall on campus to have such modifications made. At UW-River Falls, the request was for an Intramural Fields shelter and restroom facilities project, at a cost of \$106,000, with funding to be split between program revenues and Department of Natural Resources LAWCON funds.

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

Resolution 3914: That, upon the recommendation of the UW-Green Bay, UW-La Crosse and UW-River Falls Chancellors and the President of the University of Wisconsin System, the following minor projects be approved and authority granted to plan, bid and construct, at the budgets indicated, for a total cost of \$902,700 from Program Revenues and \$53,000 from Department of Natural Resources LAWCON funds.

- ✓ ~~UW-Green Bay - Bldgs + Land - Approval~~  
 ✓ ~~University Apartments Siding Project, (Program Revenues)~~ R 3914 pp 17-19 \$207,000
  - ✓ ~~UW-La Crosse - Bldgs + Land - Approval~~  
 ✓ ~~Reuter Hall Heating/Ventilating System Upgrade Project (Program Revenues) and~~ \$160,700
  - ✓ ~~White Hall Heating/Ventilating System Upgrade Project (Program Revenues)~~ \$184,500
- and

✓ Wentz Hall Handicapped Access Modifications  
 (~~Program Revenues~~), R 3914, pp 17-18 ~~\$244,500~~

✓ ~~UW-River Falls - Belden Fund - Approval~~  
 Intramural Fields Shelter/Toilet Facilities  
 Project (~~\$53,000, Program Revenues~~, R 3914, pp 17-18  
~~\$53,000 LAWCON Funds~~) ~~\$106,000~~

Regent Davis asked if there was an overall sense of what it would cost to bring the entire system up to handicapped accessible standards.

Regent Fish explained that federal law required access for the physically handicapped only in areas where they could be expected to participate. Therefore, program changes sometimes meant that a facility had to be made accessible and, in general, physical accessibility projects were being undertaken as rapidly as they were identified.

Regent Weinstein inquired as to whether there existed any list of all remaining accessibility projects, and Mr. Brown replied in the negative.

Regent Davis said the purpose of his question was to find out if substantial cost for handicapped accessibility projects was expected in the future.

Regent Clusen asked whether each campus had surveyed its own need for accessibility projects.

While surveys had been done, Mr. Brown noted that they were not comprehensive for each campus because the concept of handicapped accessibility continued to evolve. For all practical purposes, most UW System buildings were accessible to the handicapped and improvements were made as they were identified. He was not sure whether each institution had an up-to-date list of such remaining projects.

Regent Weinstein felt the issue was whether it would be helpful for the Physical Planning and Development Committee to review lists of handicapped accessibility projects for each campus.

Regent Davis pointed out that, if upcoming projects were expected to result in substantial cost, there were other constituencies that could be of assistance in trying to promote funding efforts.

Regent Fish noted that there was a state fund on which all state agencies could draw for handicapped accessibility projects. While he thought the Building Commission, the Legislature and the Board of Regents had been generous in interpreting the law to maximize access, he added that it would not be possible to make all parts of all facilities completely accessible.

President Weinstein felt it would be useful for the Physical Planning and Development Committee to know to what extent system buildings were currently accessible to the physically handicapped.

Regent Heckrodt did not think it would be helpful to compile an inventory of all potential projects, since the cost of modifying all system buildings would be prohibitive. What was important, he felt, was to meet accessibility requirements whenever remodeling projects were done.

Regent Nikolay agreed that there was no point in making an inventory that would not be used to develop a plan. Major renovation projects, he emphasized, were not undertaken without providing handicapped accessibility.

Regent Fish indicated that remaining projects were not expected to entail substantial costs.

While the cost would be substantial if it were assumed that every building had to be made accessible to the handicapped, Regent Schenian observed it was not legally required that all facilities be brought up to that standard.

Regent Fish added that the federal law only required accessibility to buildings which a physically handicapped person could realistically expect to utilize. That was being accomplished on a regular basis, in an effort which had been ongoing for many years.

Put to the vote, Resolution 3914 was adopted unanimously.

Approval of 1987-89 Minor Projects Funding Allocation Procedure

Reporting unanimous committee approval of Resolutions 3915 and 3916, Chairman Nikolay said the first resolution set forth a new policy for distribution of biennial minor projects' allocations, which included general guidelines for administration of the policy as well as a formula for making allocations. The policy provided that any projects which a campus submitted to system administration for review and approval would also be brought to the board for its consideration.

*Regent - Policy - new policy for distribution of biennial minor projects' allocations, R 3915, pp 19-22*

Adoption by the board of Resolutions 3915 and 3916 was moved by Regent Nikolay and seconded by Regent Heckrodt.

*and guidelines*  
Resolution 3915: That, upon the recommendation of the University of Wisconsin System President, a policy be adopted for the distribution of biennial minor projects allocations from the State Building Commission which consists of the following elements:

General Guidelines:

1. Each Chancellor will be allocated a portion of the minor project fund. Each university will be fully responsible for developing projects that can be funded within its allocation, including any bid overruns.

2. System Administration will retain a contingency fund to be used with discretion for emergency projects, amplifying the available equipment funds for Centers projects, or other special problems that will arise. This contingency is not intended to bail out campus projects that come in over budget. Prior to the end of the biennium any unused contingency funds will be distributed to the Chancellors.
3. Individual project implementation will follow the current standard procedure involving a program/request document for approval by System Administration and the Division of State Facilities Management.
4. Each university is encouraged to consider its planning list for the capital budget and implement those minor projects it had planned to accommodate. It is recognized, however, that it may be desirable to reconsider priorities within that list and also that needs may have arisen that would require some substitutions to the list. The objective is to achieve some planning flexibility for the campus within a known budget framework.
5. System Administration will keep a record of the allocation to each campus and debit project budgets against those commitments. Post-bid budgets will be used to determine the presumed "cost of the project."
6. Each university will have the biennium to encumber its allocation of funds. All funds that have been allocated to the campuses that have not been encumbered by a post-bid budget by June 1 of the odd-numbered year will revert to the System-Administration-held contingency fund for redistribution on a System-wide basis.

Formula for the Distribution of Funds:

1. System Contingency: A System-held contingency of 10% of the System fund for Minor Projects will be established to meet unanticipated problems.
2. Flat Distribution: A similar lump sum amount will be allocated to each Chancellor. This flat distribution recognizes that minor project funds are needed universally and that they are the principal means by which a campus can keep its space relevant to contemporary teaching and research needs.

3. Percent of System GPR funded Gross Square Feet: The remaining monies will be distributed on the basis of each campuses' per cent of the total University System space funded by GPR. This allocation recognizes that a campus with more space has an inherently greater need to revise that space. The source of this information is the latest space inventory data submitted to System Administration and confirmed.

*Budget - Distribution of 1987-89 minor projects funding, R 3916, pp 19-22*

Resolution 3916: That, upon the recommendation of the University of Wisconsin System President, and in accordance with the Board approved policy, the following amounts of 1987-89 minor projects funding for each unit be approved:

*X ref Budget + Land - (same as above)*

TABLE I  
Based on \$125,000 Flat Distribution and Percent of Space

<u>Campus</u>	<u>Flat Distribution</u>	<u>Percent of System GSF</u>	<u>Total Per Campus</u>
Eau Claire	\$ 125,000	\$ 159,000	\$ 284,000
Extension	125,000	49,000	174,000
Green Bay	125,000	109,000	234,000
La Crosse	125,000	145,000	270,000
Madison	125,000	1,486,000	1,611,000
Milwaukee	125,000	472,000	597,000
Oshkosh	125,000	182,000	307,000
Parkside	125,000	112,000	237,000
Platteville	125,000	130,000	255,000
River Falls	125,000	120,000	245,000
Stevens Point	125,000	154,000	279,000
Stout	125,000	147,000	272,000
Superior	125,000	76,000	201,000
Whitewater	125,000	147,000	272,000
<b>Total</b>	<b>\$1,750,000</b>	<b>\$3,488,000</b>	<b>\$5,238,000</b>

System Contingency: 582,000

**TOTAL: \$5,820,000**

Regent Fish pointed out that any project exceeding \$250,000 would have to be enumerated, as required by state law.

Vice President Brown added that the right-hand column in Resolution 3916 listed each institution's total entitlement, which would be utilized in developing a list of projects not exceeding that total. No individual minor project could exceed \$250,000.

Regent Weinstein noted that the purpose of the policy was to let the institutions know in advance how much money would be available for such projects, so that campus planning would be facilitated.



Put to the vote, Resolutions 3915 and 3916 were adopted unanimously.

Report of the Vice President for Physical Planning and Development

Status of Projects

The committee received a report on bid openings and actions of the State Building Commission at its September 23, 1987, meeting.

*✓ Energy*

Energy Management Report presented to PPD Committee, p. 22

An explanation of the operations of energy management systems was made to the committee by System Administration Senior System Facilities Engineer Richard Pankey.

*✓*

UW-River Falls Campus Development Plan presented to PPD Committee, p. 22

The UW-River Falls campus development plan was presented to the committee by Assistant Chancellor E. Ted Kuether.

*✓ Hazardous Materials*

Asbestos Monitoring Report Deferred by PPD Committee, p. 22

Vice President Brown advised the committee that the status report on the system's asbestos monitoring program, planned for presentation this month, had been completed. However, it was felt that the chancellors should be provided an opportunity to review the final document and validate their data before it was presented to the regents. It was expected that the report would be available for the November meeting.

*✓ Bldg + Land*

Use of Non-State Funds for Facilities discussed in PPD Committee, p. 22

There was additional committee discussion regarding use of private funds for construction of system facilities. It was expected that a recommendation would not be ready for board consideration for several months.

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Chairman Lyon presented the committee's report.

The Business and Finance Committee convened as a committee of the whole for the first two agenda items, with all regents invited to participate in the discussion and vote on the 1988-89 operating budget request and the 95-102.5 percent base budget exercise.

Budget

1988-89 Annual Operating Budget Request to the State, R 3917, pp 23-24

President Shaw presented the 1988-89 operating budget request within the context of what the university received in the biennial budget, this being the second year of the biennium. In the current year, the UW System received 91.5 new faculty positions, along with support costs, and additional funding in several critical areas such as financial aid and library acquisitions. Unlike other state agencies, the Governor approved the second year budget for the university, including 240.5 additional faculty positions, with support costs, and three minority/disadvantaged financial aid programs. The president reiterated that the first priority for the coming year of the biennium would be to preserve what was already approved in the biennial budget. Beyond that, the proposal was to seek modest increases of \$225,900 for assessment of student outcomes, \$248,300 for hazardous substances, and \$195,500 for student financial aid.

Commenting that the assessment project would be an important one, President Shaw noted that it was recommended in the Regents' Study of the Future and also had been recommended by the Governor. An attempt to assess the extent to which programmatic goals had been met, the objective would be to develop measurements of student progress in mathematics and English at the end of the sophomore year.

With regard to the need for additional funding to remove hazardous wastes, it was noted that in 1986-87 the Building Commission had provided a one-time appropriation of \$881,100, but directed that future needs come through the operating budget. In the 1987-88 budget, \$156,700 was included for removal projects, and an additional \$248,300 was being requested for 1988-89.

In the area of financial aid, student costs (including tuition, books and other academic costs, as well as living costs such as room and board) were expected to increase by four to six percent. The budget requested a four percent inflation offset in three financial aid program areas: the Advanced Opportunity Grants Program; Lawton Undergraduate Minority Retention Grants, and Federal Perkins Loans.

The board also was being asked by a separate resolution (see pp. 27-28) to endorse the Wisconsin Higher Educational Aids Board's second-year request for a six percent increase in the Wisconsin Higher Education Grants program, in order to moderate the effects of projected university and VTAE tuition increases.

President Shaw also discussed the potential need to request compensation funding beyond the two percent presently budgeted for 1988-89. The Department of Employment Relations was assessing changes in the university's relationship to compensation at peer group institutions in a study to be completed before the first of next year. Once it was known how the UW System compared to market contemporaries, the board would be advised as to how much keep-up funding might be needed, in addition to the two percent already provided. After discussion, the committee of the whole approved Resolution 3917.

Upon motion by Regent Lyon, seconded by Regent Fish, the following resolution was adopted unanimously by the board:

Resolution 3917: That, upon recommendation of the President of the University of Wisconsin System, the 1988-89 annual state operating budget request increases, as outlined in Agenda Item I.1.a.(1), be approved for submission to the Governor, Department of Administration and the Legislature.

	<u>Annual Increase</u>
GPR	\$524,400
Academic Fees/Tuition	<u>144,300</u>
TOTAL INCREASE ABOVE	
CH. 27 AUTHORIZED 1988-89 LEVEL	\$668,700

President Weinstein noted that the budget request had been thoroughly discussed and carefully considered at the previous day's committee of the whole meeting, which was attended by almost all regents. It was before the board today for formal action.

*Budget -*

*Report on the 95-102.5 Percent Exercise, R 3918, p. 24*

Regent Lyon summarized review by the committee of the whole of a report on the 95-102.5 percent base budget exercise required of all state agencies. It showed that a budget cut to 95 percent of base would total approximately \$28.2 million, which would result in removing the benefits derived from the current biennial budget. Several alternatives for implementing such a reduction were reported. Should there be an increase to 102.5 percent of the base budget, a case would be made for using the dollars for additional compensation for faculty and academic staff.

President Shaw commended the efforts each institution made to utilize available resources in the most efficient manner, which were detailed in a substantial listing of programs by the various campuses to improve operations and cut costs.

After discussion, the committee of the whole approved Resolution 3918.

The following resolution was adopted unanimously by the board, upon motion by Regent Lyon, seconded by Regent Fish:

Resolution 3918: That, in response to the request by the Department of Administration, the report entitled Supplemental Materials, 1988-89 Annual Budget, 95%-102.5% of Base Budget Exercise, be received by the Board of Regents and approved for transmittal to the Department of Administration as directed by memorandum dated August 27, 1987, from the Secretary of the Department of Administration.

Approval of Gifts, Grants and Contracts

Acting Vice President Marnocha reported to the committee that gifts, grants and contracts for the three-month period ending September 18, 1987, totaled \$115.9 million, \$2.5 million more than the same period last year (a 2.2 percent increase). The non-federal share increased \$148,000 over a year ago. The federal share increased \$2.3 million (2.9 percent), the primary increase being in the research area.

The following resolution, which was unanimously approved by the committee, was moved by Regent Lyon, seconded by Regent Schenian and adopted unanimously by the board:

Resolution 3919: 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.

✓ Compensation →

→ Study of Administrative Position Salaries, R 3920, p. 25

Reporting to the committee that a consultant had been contacted to assist in conducting a study of the salary equity in administrative categories, Chairman Lyon presented Resolution 3920, which was unanimously approved in committee.

✓ Salary Salaries - (same)

It was moved by Regent Lyon and seconded by Regent Schenian that the following resolution be adopted by the board:

Resolution 3920: That the Business and Finance Committee will conduct a study of the compensation of academic administrative positions in the University of Wisconsin System. The University System will provide staff services with such outside consulting advice as needed. The committee will complete its study and recommendations at its May 1988 meeting.

In response to a question by Regent Davis, Regent Lyon explained that the purpose of the resolution was to state for the record that the committee was moving forward on the project with a May 1988 deadline for completion.

Put to the vote, Resolution 3920 was adopted unanimously.

✓ Admission's →

→ Update on Non-Refundable Admission Deposits, pp 25-27

Reporting to the committee on the non-refundable admission deposit experiment conducted at UW-Madison and UW-Stevens Point, Mr. Marnocha noted that a \$100 non-refundable deposit was required at the two institutions to

✓ ref fees - (same)

guarantee admission for new freshmen and that both institutions felt the deposit had helped them meet their enrollment targets by providing a more accurate indicator of actual new freshmen enrollment. The percent of admitted new freshmen who paid the deposit and actually began fall classes was 96.09 percent at UW-Madison and 94.98 percent at UW-Stevens Point. In 1986, the actual attendance of those admitted was 50.29 percent and 58.0 percent, respectively.

The committee was advised that, based on this experience, other institutions were planning to require a deposit next year, in an effort to reduce the number of "no-shows" related to multiple applications. As reported earlier, the \$100 deposit was applied to the payment of fees upon actual enrollment. The committee was advised that UW-Madison, which had a May 15 target date for receipt of admission deposits, was considering use of a May 1 target date, on the basis that May 1 was viewed as the national norm for college selection. While it was not the feeling of the committee that action should be taken to retain the May 15 date, some concern was expressed that May 1 might be too early to require a non-refundable deposit.

In discussion at the board meeting, Regent Hassett asked if there had been many complaints about the \$100 deposit.

Chairman Lyon replied that there had been only two written complaints, which had been answered.

In response to a question by Regent Hanson, Regent Lyon noted that, if the student enrolled, the full \$100 was applied to the student's fee charge. In the case of the few who did not enroll, \$50 was used to offset the processing charge and \$50 went to the general academic fee fund. In the case of UW-Madison, 211 students failed to enroll after paying the deposit in 1987, the first year of the experiment.

Regent Davis asked when, prior to the experiment, the institution found out how many of those accepted for admission actually would enroll.

Mr. Marnocha replied that the institution would not have that information until actual enrollment occurred in late August, whereas \$100 admission deposits made solid estimates available in May. If those numbers were below enrollment targets, additional freshmen could be admitted.

In answer to a question by Regent Schilling, Regent Lyon confirmed that the \$50 of forfeited deposits not used for processing charges went to the UW System general academic fee fund, rather than to the state general fund.

While this money would be used to reduce tuition, Regent Fish added that the amount available for that purpose in 1987 from forfeited fees was only about \$15,000.

Replying to a question by Regent Schenian, President Shaw explained that there were normative data to show the general percentage of applicants who eventually enrolled. While this ratio varied from year to year, it did not vary as much as the ratio of those who said they would enroll to those who actually enrolled. The higher admission deposits greatly reduced uncertainties in the latter category. Where there had been enrollment

management problems this year, they had occurred in trying to estimate how many would actually enroll of those who were accepted for admission. Institutions with higher admission deposits clearly experienced less difficulty in that regard.

Regent Schenian pointed out that UW-Madison would have had a problem of over-enrollment if 60 percent, rather than 50 percent, of those who were accepted had sent in their \$100 deposits. He asked what would be done if that occurred, since the university would not have adequate resource for the additional ten percent.

That problem would have to be rectified with what flexibility remained, President Shaw said, adding that since it was necessary to rely on normative data, estimates could not be absolutely accurate.

Report of the Acting Vice President for Business and Finance

Summary of 1986-87 General Operations

The committee then reviewed the financial summary of 1986-87 general operations. Significant figures included \$14.3 million in unencumbered funds to be carried forward as of June 30, 1987; \$1.7 million in excess fee collections available for distribution to the institutions this year; \$11 million carried forward by the institutions collectively; and \$1.6 million in the systemwide reserve for revenue shortfall and other contingencies.

Settlement on 1984 Federal Audits of Student Loan Programs, p. 27

The committee was advised by Acting Vice President Marnocha about settlement of the 1984 federal audits of the National Direct Student Loan, Nursing Student Loan, and Health Professions Student Loan programs. The state had been cited for not being in compliance with federal regulations requiring the interest earnings on positive balances to be deposited to the loan fund. Based on the audit, the state changed its investment procedure to credit interest on positive balances to loan funds beginning January 1, 1985. Negotiations with the Department of Education, managers of the NDSL program, resulted in a settlement of \$609,393 for prior lost interest earnings--\$1,499,226 below the audit claim that the federal government had made. The Department of Health and Human Services, managers of the NSL and HPSL programs, agreed to a settlement of \$844,866--only \$4,031 below the audit claim.

Support for Increase in 1988-89 Financial Aid Funding to HEAB

Regent Lyon reported unanimous committee approval of Resolution 3921, supporting the concept of assisting access to higher education through financial aid and supporting the Wisconsin Higher Educational Aids Board's request for increased financial aid funding in 1988-89. For the Wisconsin Higher Education Grant program, the largest state-funded grant program open to UW System and VTAE undergraduates, HEAB had requested a \$1.06 million increase in funding (six percent) for next year and restoration of \$175,000 in new funding to continue to extend the program to VTAE students.

Financial Aid -

X ref Audits - (same)

Financial Aid -

R 3921, PP 27-28

X ref HEAB - (same)

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

Resolution 3921: That the Board of Regents of the University of Wisconsin System supports the goal of offering all qualified Wisconsin residents access to higher education by providing student financial aid to qualified persons, and that aid should consist of a reasonable mix of state funded grant, work, loan, and loan management programs to supplement federal financial aid sources; and further

That the Board of Regents supports the Wisconsin Higher Educational Aids Board's 1988-89 annual budget request for additional state funding for student financial aid programs that will moderate the projected increases expected to occur in student budgets due to inflation and increases in student fees.

Regent Hanson inquired as to whether a six percent increase realistically could be expected, and Assistant Vice President Beaver replied in the affirmative.

Regent Schenian stated his support for the resolution, but noted his hope that in the future HEAB would seek increases in the other programs as well.

Regent Nikolay added that he had raised the question at the HEAB meeting as to what could be done to obtain more student grant and loan money in order to moderate tuition increases. The board was advised that additional loan money could not be found.

Put to the vote, Resolution 3821 was adopted unanimously.

*✓*  
*UW-River Falls - Resolution of appreciation for hosting mtg., R 3922, pp 28-29*

**ADDITIONAL RESOLUTION**

Appreciation to UW-River Falls

Regent Lyon presented Resolution 3922 and moved its adoption. The motion was seconded by the entire board and adopted with a standing ovation.

Resolution 3922: Whereas, the Board of Regents has had the pleasure of holding its October 1987 meetings at UW-River Falls; and

Whereas, it was a particular privilege to be at this university for the dedication of the Physical Education and Recreation Center, named in honor of former Regent Vice President Robert P. Knowles; and

Whereas, our visit was further enhanced by the interesting tour, presentations and other special arrangements provided by UW-River Falls;

Therefore, be it resolved that the Board of Regents hereby expresses gratitude to Chancellor and Mrs. Thibodeau and the entire UW-River Falls community for their warm and gracious hospitality and for making this visit a most memorable and enjoyable occasion.

Regent Hanson expressed additional appreciation to all who had worked so hard to make arrangements for the meetings and other events.

Stating that it was UW-River Falls' pleasure to host the board, Chancellor Thibodeau recognized the many people involved in making the visit as pleasant and productive as possible.

- - -

At 11:25 a.m., the following resolution, moved by Regent Schenian, and seconded by Regent Davis, was unanimously adopted on a roll call vote, with Regents Clusen, Davis, Fish, Gerrard, Grover, Hanson, Hassett, Heckrodt, Lyon, Nicholas, Nikolay, Schenian, Schilling and Weinstein voting "Aye" (14), and no regents voting "No."

Resolution 3923: That the Board of Regents recess into closed session to consider personnel matters, as permitted by s. 19.85(1)(c), *Wis. Stats.*, to consider public business which requires a closed session for competitive reasons, as permitted by s. 19.85(1)(e), *Wis. Stats.*, to consider naming of a building after a person, as permitted by s. 19.85(1)(f), *Wis. Stats.*, and to confer with legal counsel, as permitted by s. 19.85(1)(g), *Wis. Stats.*

- - -

#### CLOSED SESSION ACTION

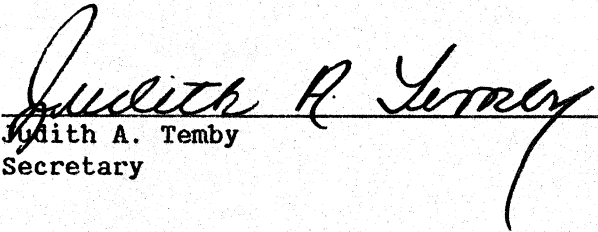
The board arose from closed session at 12:05 p.m, having adopted the following resolution:



Resolution 3924: That, upon recommendation of the Acting Chancellor of UW-Madison and the President of the University of Wisconsin System, the UW-Madison Center for Health Sciences be authorized, in consultation with the Acting Chancellor, to enter such arrangements as are necessary and appropriate to provide prepaid health care services to employee groups and individuals, including applying for a Certificate of Authority from the Wisconsin Insurance Commissioner to operate a health maintenance organization, and/or contracting with existing organizations and newly-created non-profit corporations formed specifically for that purpose.

Hospital & Clinics - Authorization for HMO, R 3924, p. 30

The meeting was adjourned at 12:05 p.m.

  
Judith A. Temby  
Secretary

October 21, 1987

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## EXTENSION AND PUBLIC SERVICE

1. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
LAFOLLETTE INSTITUTE OUTREACH ACTIVITIES  
MSN L&S LAFOLLET PUBL AF GEN-CONT'D (133-J599) 10,000.00
2. WISCONSIN HIGH SCHOOL FORENSIC ASSC.  
MADISON, WI  
SUPPORT OF WISCONSIN HIGH SCHOOL FORENSIC  
ASSOCIATION FOR THE PERIOD 07-01-86 THRU 06-30-87  
MSN OUTRCH CONTIN EDUC-ARTS CONTIN EDU (133-K513) 6,063.53
3. NATIONAL COOPERATIVE BANK  
WASHINGTON, DC  
A TRAINING PROGRAM FOR MANAGERS OF COMMERCIAL  
COOPERATIVES FOR THE PERIOD 08-28-87 THRU  
08-27-88  
MSN AG&LSC COOPTVS, U CTR (133-M119) 60,081.00
4. DOW CHEMICAL  
MADISON, WI  
SUPPORT WEED CONTROL RESEARCH PROGRAM  
MSN AG&LSC AGRONOMY (133-7714) 750.00

## GIFT-IN-KIND

1. JOHNSON CONTROLS, INC.  
MILWAUKEE, WI  
FOUR (4) T-8000-1 REMOTE BULK CONTROLLERS AND  
FOUR (4) T-5400 RECEIVER-CONTROLLERS  
THREE (3) DDC BUILDING CONTROL UNITS  
MSN ENGR ENGR PRFSNL DVLP INSTIT&S C
2. PARAMETER GENERATION & CONTROL, INC.  
BLACK MOUNTAIN, NC  
9 CU. FT. CLIMATE-LAB  
MSN ENGR ELEC & COM ENGR ELEC&COMP
3. PROFESSOR VERNON HALL  
STRONGSVILLE, OH  
SEVENTY-FIVE ART BOOKS AND EXHIBITION  
CATALOGUES  
MSN LIBR HUMANITIES& ARTS ART LIB
4. MS. MARJORIE KREILICK  
MADISON, WI  
ART BOOKS AND PERIODICALS  
MSN LIBR HUMANITIES& ARTS ART LIB
5. PROFESSOR FANNIE TAYLOR  
MADISON, WI  
ART BOOKS AND PERIODICALS  
MSN LIBR HUMANITIES& ARTS ART LIB
6. MRS. BONNIE KIENITZ  
MADISON, WI  
ART BOOKS AND SCROLLS  
MSN LIBR HUMANITIES& ARTS ART LIB

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

## GIFT-IN-KIND

7. MRS. ELIZABETH EPSTEIN  
MADISON, WI  
ART BOOKS  
MSN LIBR HUMANITIES& ARTS ART LIB
8. BRUCE WINKLER  
MADISON, WI  
GENE ELECTROPORATION TRANSFORMATION SYSTEM  
MSN HS-MED GENETICS
9. MR. PAUL THIES & MRS. JOANNE MAIS  
MADISON, WI  
1 IBM DOS 3.1 (SERIAL # 6138524 AND 6138528) WITH  
MANUAL (SERIAL # 6138519) AND 1 SIXPAKT COMPUTER  
BOARD (SPK-064 S/N 612899)  
MSN ENV ST ADMINISTRATION
10. MRS. RUTH GOETZ  
NEW YORK, NY  
SIX BOXES OF PAPERS, PERSONAL AND PROFESSIONAL,  
FROM PLAYWRIGHT RUTH GOETZ  
MSN L&S COMMUN ARTS FLM&THEA R
11. PROFESSOR JOHN WITTE  
MADISON, WI  
50 VOLUMES ON AMERICAN GOVERNMENT  
MSN LIBR GEN OPERATIONS LIB ACQSTN
12. MRS. RONALD E. MITCHELL  
VERONA, WI  
275 VOLUMES OF ENGLISH LITERATURE AND DRAMA AND  
HISTORY OF THE THEATRE  
MSN LIBR GEN OPERATIONS LIB ACQSTN
13. MS. MARY MICHIE  
MADISON, WI  
FIVE ISSUES OF "THE FEMINIST ART JOURNAL" (1973-  
1974) AND SIXTEEN ISSUES OF "MIDWEST ART" (1974-  
1977).  
MSN LIBR HUMANITIES& ARTS ART LIB
14. ISAAC KLEINERMAN  
PERUGIA, ITALY  
TWENTY-FIVE HALF HOUR FILMED EPISODES OF  
THE TWENTIETH CENTURY  
MSN L&S COMMUN ARTS FLM&THEA R
15. JOSEPH COLLINS  
EDGERTON, WI  
PULMOAIDE NEBULIZER  
MSN HS-HSP ALTRNTV PT SVCS RESPIR R S
16. SHELLEY PATTERSON  
MINNEAPOLIS, MN  
MEDI MIST SMALL VOLUME NEBULIZER (1) BUNN  
PERCUSSOR (1)  
MSN HS-HSP ALTRNTV PT SVCS RESPIR R S

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

## INSTRUCTION

1. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
MEYER, O. O.--CLINICAL TEACHING  
MSN HS-MED MEDICINE ( TRUST ) 19,662.00
2. EDUCATION, DEPT OF  
CHICAGO, IL  
TRAINING IN REHABILITATION COUNSELING AT  
THE MASTER'S DEGREE LEVEL  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # G058600184  
MSN EDUC REHAB PSYC&SP ED (144-Z862) 69,290.00
3. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM  
ROCKVILLE, MD  
MH CLINICAL SERVICES RESEARCH POST-DOCTORAL  
TRAINING  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 5 T32 MH17139-05  
MSN HS-MED PSYCHIATRY (144-Z455) 138,640.00
4. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS PHS ADAM  
EVALUATION OF THE MOBILE OUTREACH  
TO SENIORS TEAM  
FOR THE PERIOD 08-10-87 THROUGH 08-09-88  
AWARD # P.O. # FDH 65182 PD  
MSN HS-MED PSYCHIATRY (144-Z924) 20,000.00
5. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN  
ROCKVILLE, MD  
INTERDISCIPLINARY EDUCATION OF PEDIATRIC  
THERAPISTS  
FOR THE PERIOD 10-01-87 THROUGH 06-30-88  
AWARD # MCJ-009102-01-0  
MSN HS-A H OCCUP THERAPY (144-Z969) 88,093.00
6. WISCONSIN POWER & LIGHT COMPANY FOUNDATION  
MADISON, WI  
WISCONSIN POWER & LIGHT COMPANY FELLOWSHIPS  
AWARD 1987-88  
MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-M065) 10,866.06
7. NATIONAL CONFECTIONERS ASSOCIATION  
CHICAGO, IL  
DEFRAY COST OF CONDUCTING THE ANNUAL  
CONFECTIONER'S SHORT COURSE  
MSN AG&LSC FOOD SCIENCE (133-8131) 7,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## LIBRARIES

- |    |   |            |            |
|----|---|------------|------------|
| 1. | FIRST WISCONSIN-MADISON<br>MADISON, WI<br>PRINCIPAL AND INCOME AVAILABLE FOR USE IN THE<br>WILLIAM S. MIDDLETON MEDICAL LIBRARY.<br>MIDDLETON, WILLIAM S. MEDICAL LIBRARY<br>MSN HS-ADM LIBRARY   | ( TRUST )  | 10,000.00  |
| 2. | SALALM (SEMINAR ON THE ACQUISITION OF LATIN<br>AMERICAN LIBRARY MATERIAL)<br>MADISON, WI<br>SALARY SUPPORT FOR ASSISTANT TO EXECUTIVE<br>SECRETARY OF SALALM<br>MSN LIBR GEN OPERATIONS SUPP & EQ | (133-E072) | 2,000.00   |
| 3. | PURCHASE OF LIBRARY MATERIALS AND SUPPLIES<br>MSN LIBR GEN OPERATIONS SUPP & EQ   | (133-F543) |            |
|    | 650.00 UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI  |            |            |
|    | 5.00 MULTIPLE DONORS  |            |            |
|    | 1,240.00 UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI  |            |            |
|    |   |            | 1,895.00   |
| 4. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>PURCHASE OF MATERIALS IN THE HISTORY OF BOOKS<br>AND PRINTING AND THE HISTORY OF SCIENCE<br>MSN LIBR GEN OPERATIONS                          | (133-L236) | 3,390.47   |
| 5. | HISTORY OF SCIENCE SOCIETY - ISIS<br>DURHAM, NC<br>CRITICAL BIBLIOGRAPHY OF THE HISTORY OF SCIENCE<br>AND ITS CULTURAL INFLUENCES<br>MSN L&S HISTORY OF SCI                                       | (133-7202) | 10,035.00  |
| 6. | WISCONSIN DEPT OF PUBLIC INSTRUCTION<br>MADISON, WI<br>WISCONSIN INTERLIBRARY SERVICES (WILS)<br>MSN LIBR WIS INTRLIB SVCS  | (133-8791) | 100,000.00 |

## MISCELLANEOUS

- |    |   |           |          |
|----|---|-----------|----------|
| 1. | CONTINENTAL ILLINOIS<br>CHICAGO, IL<br>SCHULTE, HELEN D. TRUST<br>SCHULTE, HELEN DENNE--LOAN FUND<br>MSN HS-NUR | ( TRUST ) | 8,184.52 |
| 2. | MULTIPLE DONORS<br>ROBERTS, FANNIE ATWOOD--AGRICULTURE<br>MSN AG&LSC PLANT PATHOLOGY POTATO-GEN                 | ( TRUST ) | 520.00   |

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

3.	BARR, VINCENT & WENDY DE SOTO, TX MEDICAL SCHOOL--RENOVATION PROJECT FUND MSN HS-MED ADMINISTRATION DEANS OFFC ( TRUST )	100.00
4.	MULTIPLE DONORS DEPARTMENT OF BACTERIOLOGY--DISCRETIONARY FUND MSN AG&LSC BACTERIOLOGY ( TRUST )	75.00
5.	EARNINGS ON SHARES RECEIVED IN ESTATE STRAIGHT, EDNA PHELPS--BUILDING TRUST FUND -ESTATE MSN G E A ( TRUST )	160.00
6.	UW MEDICAL ALUMNI ASSOCIATION MADISON, WI MEDICAL SCHOOL CLASS OF 1939-FIFTIETH ANNIVERSARY TRUST MSN HS-MED ( TRUST )	810.00
7.	ACCOUNT IS AVAILABLE TO BENEFIT THE FRENCH PROGRAM OF THE DEPARTMENT OF FRENCH AND ITALIAN. MARANDON, JEANNE P.--MEMORIAL FUND IN FRENCH MSN L&S FRENCH & ITALIAN ( TRUST )	
8.	CITIBANK, N.A. NEW YORK, NY WEEKS, LEWIS G. ESTATE WEEKS, LEWIS G. #2--GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSCS ( TRUST )	60,000.00
9.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN, JOEL--GRADUATE READING ROOM FUND MSN L&S POLITICAL SCI ( TRUST )	1,000.00
10.	EDUCATION, DEPT OF WASHINGTON, DC FULBRIGHT HAYS FACULTY RESEARCH ABROAD PROGRAM FOR THE PERIOD 07-01-87 THROUGH 12-31-88 AWARD # GO08740529 MSN GRAD ( 144-Z937 )	65,634.00
11.	WI BRD OF VOC TECH & ADULT EDUCATION MADISON, WI PRIME CONTRACTOR WITH DED VOCATIONAL EQUITY RESOURCE CENTER FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # ACTIVITY #20-708-150-158 MSN EDUC WIS VOC STU CTR W VOC ST C ( 144-Z646 )	39,241.00
12.	WI ASSN FOR CHILDREN WITH LEARNING DISABILITIES MIDDLETON, WI PRIME CONTRACTOR WITH DED APPLYING RECENT RESEARCH IN A PRACTICAL SETTING TO IMPROVE VOCATIONAL REHABILITATION OUTCOMES OF SEVERELY LEARNING DISABLED CLIENTS FOR THE PERIOD 09-30-87 THROUGH 09-29-88 AWARD # AGR DTD 08/25/87 MSN EDUC WIS VOC STU CTR W VOC ST C ( 144-Z964 )	66,754.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

13.	FEDERAL LABORATORIES INC. CAPITOL HEIGHTS, MD PRIME CONTRACTOR WITH DHHS PHS N HANES III OPHTHALMOLOGIC PRETEST FOR THE PERIOD 08-01-87 THROUGH 06-30-88 AWARD # P. O. NO. F058 MSN HS-MED OPHTHALMOLOGY	(144-Z984)	8,002.28
14.	NATIONAL ENDOWMENT FOR THE ARTS WASHINGTON, DC DESIGN ARTS FOR THE PERIOD 06-01-87 THROUGH 05-31-89 AWARD # 87-4251-0124 MSN L&S ELVJM MUSEUM ART	(144-Z935)	20,000.00
15.	WISCONSIN ARTS BOARD MADISON, WI PRIME CONTRACTOR WITH NEA GLAMOUR PHOTOGRAPHS, 1924-1956: SELECTED PORTRAITS FROM THE WISCONSIN CENTER FOR FILM AND THEATRE RESEARCH FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # FY88-174 MSN L&S ELVJM MUSEUM ART	(144-Z985)	5,500.00
16.	U S INFORMATION AGENCY WASHINGTON, DC WISCONSIN-SIERRA LEONE TEACHER EXCHANGE PROJECT FOR THE PERIOD 08-20-87 THROUGH 07-31-90 AWARD # IA-ASJL-G7193034 MSN L&S AFRIC LANG & LIT AFR L&A CT	(144-Z928)	50,000.00
17.	MULTIPLE DONORS DISCRETIONARY FUND FOR RESEARCH AND TRAVEL MSN HS-MED MEDICINE LAB&COMP S	(133-A174)	300.00
18.	MULTIPLE DONORS COLLEGIATE DAIRY PRODUCTS JUDGING TEAM SUPPORT MSN AG&LSC FOOD SCIENCE	(133-B181)	200.00
19.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE	(133-B382)	530.00
20.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF CHEMISTRY CHAIRMAN'S UNRESTRICTED GRANT MSN L&S CHEMISTRY	(133-B512)	5,000.00
21.	MULTIPLE DONORS DEPARTMENT OF PEDIATRICS DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-C422)	60.00
22.	C.D.O. UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI SUPPORT A FULL-TIME NURSE ANESTHETIST IN THE DEPARTMENT OF ANESTHESIOLOGY MSN HS-MED ANESTHESIOLOGY	(133-D507)	17,442.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

23.	ETHYL CORPORATION RICHMOND, VA CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR	(133-D951)	3,000.00
24.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI CLERICAL SUPPORT IN THE DEPARTMENT OF PSYCHIATRY MSN HS-MED PSYCHIATRY	(133-D957)	6,000.00
25.	MULTIPLE DONORS DEPARTMENT OF MEDICINE DISCRETIONARY FUND MSN HS-MED MEDICINE ENDOCRINOL	(133-E309)	300.00
26.	DISCRETIONARY FUND IN THE DEPARTMENT OF NEUROLOGY MSN GRAD WAISMAN CENTER	(133-E354)	
	400.00 MULTIPLE DONORS 2,000.00 NICOLET INSTRUMENT CORPORATION MADISON, WI		2,400.00
27.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI SUPPORT CLERICAL SALARIES IN THE DEPARTMENT OF ANESTHESIOLOGY MSN HS-MED ANESTHESIOLOGY	(133-E492)	23,885.00
28.	MULTIPLE DONORS ASHLAND EXPERIMENT STATION SPECIAL EVENTS ACCOUNT MSN AG&LSC ASHLAND RES STA	(133-E536)	240.00
29.	ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E647)	
	708.50 C.D.O. UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI 2,900.20 C.D.O. UNIV. NEUROLOGICAL ASSOCIATES MADISON, WI		3,608.70
30.	MULTIPLE DONORS RESTOR PROGRAM (RESPIRATORY EDUCATION AND SERVICE THROUGH ORGANIZED RESOURCES) MSN HS-HSP ADMINISTRATION ADMIN	(133-F875)	105.00
31.	FRIENDS OF UNIVERSITY OF WISCONSIN HOSP. MADISON, WI PROVIDE TEMPORARY HOUSING FOR PATIENTS AND THEIR FAMILIES MSN HS-HSP ADMINISTRATION ADMIN	(133-G047)	4,119.73



GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHANCELLOR'S DEVELOPMENT AWARD IN THE CREATIVE ARTS 1987-88 MSN L&S AFRO-AM STUDIES	(133-G137)	5,000.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHANCELLOR'S DEVELOPMENT AWARD IN THE CREATIVE ARTS 1987-88 MSN L&S THEATRE & DRAMA	(133-G138)	5,000.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHANCELLOR'S DEVELOPMENT AWARD IN THE CREATIVE ARTS 1987-88 MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-G139)	5,000.00
35.	DIRECTOR'S DISCRETIONARY FUND MSN L&S ELVJM MUSEUM ART	(133-G348)	
	2,900.00 MULTIPLE DONORS 15,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		17,900.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CONSERVATION OF VAN VLECK PRINTS MSN L&S ELVJM MUSEUM ART	(133-G989)	4,600.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALBRIGHT PROFESSORSHIP IN BUSINESS AND FINANCE MSN BUS SCH OF BUSINESS	(133-J185)	10,000.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - ACCOUNTING MSN BUS SCH OF BUSINESS	(133-J186)	50,000.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - FINANCE MSN BUS SCH OF BUSINESS	(133-J187)	4,711.17
40.	DEAN'S DISCRETIONARY ACCOUNT - MARKETING MSN BUS SCH OF BUSINESS	(133-J188)	
	500.00 JACOBSON BROS. MEAT MARKETS MADISON, WI 750.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		1,250.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - PLACEMENT MSN BUS SCH OF BUSINESS (133-J189)	4,500.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHANCELLOR'S DEVELOPMENT AWARD IN THE CREATIVE ARTS 1987-88 MSN EDUC ART (133-J302)	5,000.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CORLISS LAMONT PEACE STUDIES MSN G E A INTL STU & PROGS (133-J479)	75,000.00
44.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU (133-J775)	500.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT MSN HS-NUR (133-J835)	18,221.36
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EDITH L. GILBERTSON ART FUND MSN EDUC GENERAL ADMIN DEAN'S OFF (133-J844)	1,000.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED (133-K243)	4,751.77
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR SPECIAL REQUESTS MSN HS-MED (133-K244)	40,000.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SPECIAL FUND-ONGOING ITEMS MSN HS-MED (133-K245)	300.00
50.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI DEPARTMENTAL SUPPORT INCLUDING FACULTY SALARIES, SUPPORT STAFF, SUPPLIES AND EQUIPMENT MSN HS-MED ANESTHESIOLOGY (133-K533)	11,318.00
51.	MULTIPLE DONORS DIABETES RESEARCH & EDUCATION MSN HS-MED MEDICINE ENDOCRINOL (133-K746)	150.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

52.	NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS RESTON, VA COMMISSION ON STANDARDS FOR SCHOOL MATHEMATICS FOR THE PERIOD 09-01-86 THRU 08-31-88 AT A \$127,972 LEVEL MSN EDUC WIS CTR EDUC RES	(133-K824)	60,115.00
53.	CIBA-GEIGY CORPORATION SUMMIT, NJ ANXIETY DISORDERS CENTER MSN HS-PSY PSYCHIATRIC INST	(133-K955)	25,920.00
54.	MULTIPLE DONORS MED FLIGHT SPECIAL PROGRAM NEEDS MSN HS-HSP ADMINISTRATION ADMIN	(133-L094)	25.00
55.	MULTIPLE DONORS NURSING/PATIENT EDUCATION AND PATIENT SERVICES MSN HS-HSP ADMINISTRATION ADMIN	(133-L368)	50.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOGRAPHY	(133-L388)	1,700.00
57.	MULTIPLE DONORS CONSTRUCTION OF AN EXHIBIT ON WISCONSIN'S GROUNDWATER FOR THE GEOLOGY MUSEUM MSN L&S GEOL & GEOPHYSCS	(133-M004)	400.00
58.	AMERICAN PSYCHOLOGY - LAW SOCIETY LINCOLN, NE AMERICAN PSYCHOLOGY - LAW SOCIETY NEWSLETTER MSN L&S PSYCHOLOGY	(133-M060)	551.54
59.	DANE COUNTY CULTURAL AFFAIRS COMMISSION MADISON, WI MELROSE MOTION COMPANY - HIGH SCHOOL DANCE WORKSHOP SERIES MSN EDUC PHYS ED & DANCE DANCE	(133-M063)	2,000.00
60.	WISCONSIN RURAL DEVELOPMENT CENTER, INC. BLACK EARTH, WI RESEARCHING WAYS TO MEASURE THE SOCIAL AND ECONOMIC IMPACTS OF THE EMERGING BIOTECHNOLOGIES MSN AG&LSC RURAL SOCIOLOGY	(133-M085)	400.00
61.	DANE COUNTY CULTURAL AFFAIRS NATIVE AMERICAN ART EXHIBITION MSN L&S ELVJM MUSEUM ART	(133-M100)	2,000.00
62.	HISTORY OF CARTOGRAPHY PROJECT MSN L&S GEOGRAPHY	(133-M109)	
	481.65 MULTIPLE DONORS 1,617.09 GEORGE PARKER JANESVILLE, WI		

2,098.74

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

63.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS (133-0179)		
	6,000.00 AMERICAN BANKERS ASSOCIATION WASHINGTON, D.C.		
	3,400.00 BANK ADMINISTRATION INSTITUTE ROLLING MEADOWS, IL		
	1,500.00 SOCIETY OF ACTUARIES ITASCA, IL		
			10,900.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SHELL AID IN CHEMISTRY MSN L&S CHEMISTRY (133-0478)		21,000.00
65.	WISCONSIN LAW ALUMNI ASSOCIATION MADISON, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL (133-2128)		4,686.35
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF PHARMACY DEANS DISCRETIONARY GRANT MSN HS-PHR PHARMACY (133-2282)		6,000.00
67.	FOUNDRY EDUCATIONAL FOUNDATION DES PLAINES, IL GRANT TO BE USED AT THE DISCRETION OF THE KEY PROFESSOR IN THE FEF PROGRAM MSN ENGR MET & MIN ENGR (133-3017)		250.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR (133-3236)		11,000.00
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS (133-5984)		50.00
70.	MULTIPLE DONORS UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY (133-6225)		10.00
71.	UNIVERSITY OBSTETRICS-GYNECOLOGY ASSOCIATES MADISON, WI SUPPORT OPERATIONS OF GYNECOLOGY-OBSTETRICS ASSOCIATES MSN HS-MED OBSTET & GYNECOL (133-6296)		71,758.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND MSN ENGR OPERATIONS (133-6370)		1,500.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHEMICAL ENGINEERING DEPARTMENT CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR CHEMICAL ENGR	( 133-6936 )	12,000.00
74.	DEPARTMENT OF PLANT PATHOLOGY CHAIRMAN'S UNRESTRICTED ACCOUNT MSN AG&LSC PLANT PATHOLOGY	( 133-7243 )	
	75.00 AGRI-PRO 200.00 AMES, IOWA MULTIPLE DONORS		275.00
75.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI DEPARTMENT OF PHYSICS SUPPORT MSN L&S PHYSICS	( 133-8422 )	3,792.00
76.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI DEFRAY COSTS OF A TECHNICAL SECRETARIAL POSITION FOR THE ANESTHESIOLOGY OUTPATIENT CLINIC MSN HS-MED ANESTHESIOLOGY	( 133-8682 )	95,678.00

## RESEARCH

1.	MASSACHUSETTS GENERAL HOSPITAL BOSTON, MA PLASMIDS MSN AG&LSC BIOCHEMISTRY		
2.	UPJOHN COMPANY KALAMAZOO, MI GAIN INFORMATION ON PHASEOLIN GENE COPY NUMBERS IN NORMAL AND PHASEOLIN-LESS BEAN (PHASELOUS SP.) CULTIVARS, DEVELOP TECHNIQUES FOR BEAN REGENER- ATION AND TRANSFORMATION, AND INTEGRATE PHASEOLIN OR MODIFIED PHASEOLIN GENES INTO BEAN CULTIVARS MSN AG&LSC HORTICULTURE		
3.	INTERNATIONAL BUSINESS MACHINES CORPORATION KINGSTON, NY NEURO LINK HEADBAND - EQUIPMENT LOAN AGREEMENT MSN GRAD WAISMAN CENTER		
4.	EARNINGS ON SHARES REC'D IN ESTATE PHANEUF, DUANE MEMORIAL FUND MSN HS-MED	( TRUST )	92.84
5.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI MCARDLE LABORATORY FOR CANCER RESEARCH-- DISCRETIONARY FUND MSN HS-MED ONCOLOGY	( TRUST )	1,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

6.	MEDICAL SCHOOL--RENOVATION PROJECT FUND MSN HS-MED ADMINISTRATION DEANS OFFC ( TRUST )		
	30.00	MULTIPLE DONORS	
	200.00	YAMAHIRO, HARRY S. & AMY S. PASADENA, CA	
	100.00	BUESSELER, JOHN A. M.D. COLUMBIA, MO	
			330.00
7.	MAURICE H. & ELAINE BRONNER FOUNDATION GLENCOE, IL HUMAN ONCOLOGY--DISCRETIONARY ACCOUNT MSN HS-MED HUMAN ONCOLOGY ( TRUST )		3,000.00
8.	ENCYCLOPAEDIA BRITANNICA CHICAGO, IL SCHOOL OF EDUCATION--WISCONSIN CENTER FOR EDUCATION RESEARCH MSN EDUC GENERAL ADMIN DEAN'S OFF ( TRUST )		642.38
9.	NIENSTAEDT, MARJ RHINELANDER, WI MCARDLE LABORATORY FOR CANCER RESEARCH-- DISCRETIONARY FUND MSN HS-MED ONCOLOGY ( TRUST )		2,500.00
10.	WISCONSIN CLINICAL CANCER CENTER--RESEARCH MSN HS-MED HUMAN ONCOLOGY ( TRUST )		
	180.00	MULTIPLE DONORS	
	160.00	KENYON, SUSAN & WILLIAM LIBERTYVILLE, IL	\$ 100.00
		MULTIPLE DONORS	\$ 60.00
	750.00	MULTIPLE DONORS	
			1,090.00
11.	AGRICULTURE, DEPT. OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	ANALYSIS OF RURAL AND NONMETROPOLITAN POPULATION CHANGE, 1950 TO DATE FOR THE PERIOD 08-15-85 THROUGH 09-30-88 AT A TOTAL COST OF \$51,000.00 AWARD # 58-319S-5-00331, MOD. 3 MSN AG&LSC RURAL SOCIOLOGY ( 144-X147 )		15,000.00
2)	INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT FOR THE PERIOD 10-01-87 THROUGH 09-30-88 AWARD # 87-4 MSN AG&LSC PLANT PATHOLOGY ( 144-Z981 )		50,941.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

12. AGRIC, FOREST SERVICE  
MADISON, WI  
ECONOMIC SECTOR MODELING SYSTEM FOR MICROCOMPUTERS  
FOR THE PERIOD 09-12-87 THROUGH 06-30-88  
AWARD # FP-87-0981  
MSN AG&LSC N RSRCS-FORESTRY (144-Z948) 7,850.00
13. AGRIC, SCIENCE AND EDUCATION ADMIN.  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) EVALUATION OF THREE MODELS FOR PREDICTING  
POTATO PLANT GROWTH AND TUBER YIELD IN FOUR  
NORTH-CENTRAL POTATO PRODUCTION SYSTEMS  
FOR THE PERIOD 06-01-85 THROUGH 05-31-89  
AT A TOTAL COST OF \$67,450.00  
AWARD # 85-CRSR-2-2650, MOD. 2  
MSN AG&LSC PLANT PATHOLOGY (144-W991) 16,218.00
- 2) MECHANISM OF FREEZING STRESS RESISTANCE AND  
COLD ACCLIMATION IN PLANTS: ROLE OF  
MEMBRANE LIPIDS  
FOR THE PERIOD 09-01-85 THROUGH 08-31-89  
AT A TOTAL COST OF \$219,000.00  
AWARD # 85-CRCR-1-1673, MOD. 1  
MSN AG&LSC HORTICULTURE (144-X181) 84,000.00
- 3) CHARACTERISTICS OF GLYCOSAMINOGLYCAN BINDING SITES  
IN OVARIAN FOLLICLES OF COWS  
FOR THE PERIOD 09-15-85 THROUGH 09-30-89  
AT A TOTAL COST OF \$222,000.00  
AWARD # 85-CRCR-1-1864, MOD. 1  
MSN AG&LSC DAIRY SCIENCE (144-X233) 125,000.00
- 4) THE GENETIC AND BIOCHEMICAL ANALYSIS OF THE  
POSTTRANSLATIONAL REGULATORY SYSTEM IN  
RHODOSPIRILLUM RUBRUM  
FOR THE PERIOD 09-01-87 THROUGH 08-31-89  
AWARD # 87-CRCR-1-2561  
MSN AG&LSC BACTERIOLOGY (144-Z873) 110,000.00
- 5) PHYSIOLOGICAL RESPONSES OF CONIFERS  
TO SAWFLY ATTACK  
FOR THE PERIOD 09-01-87 THROUGH 04-30-90  
AWARD # 87-FSTY-9-0235  
MSN AG&LSC ENTOMOLOGY (144-Z912) 150,894.00
- 6) BACULOVIRUS-MEDIATED TRANSFORMATION  
OF INSECTS  
FOR THE PERIOD 09-01-87 THROUGH 08-31-89  
AWARD # 87-CRCR-1-2517  
MSN HS-MED GENETICS (144-Z914) 60,000.00
- 7) THE RECESSIVE WHITE QUAIL EMBRYO AS THE SURROGATE  
HOST FOR WILD-TYPE QUAIL PRIMORDIAL GERM CELLS  
FOR THE PERIOD 09-01-87 THROUGH 08-31-89  
AWARD # 87-CRCR-1-2529  
MSN AG&LSC POULTRY SCIENCE (144-Z929) 100,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

- 8) ANTIBODY INHIBITION OF VIRAL PROTEIN  
INTERACTION WITH MUCOSAL EPITHELIAL CELLS  
FOR THE PERIOD 09-01-87 THROUGH 08-31-89  
AWARD # 87-CRCR-1-2548  
MSN AG&LSC VETERINARY SCI (144-Z961) 100,000.00
- 9) TRIFOLITOXIN: STRUCTURE, MODE OF ACTION, AND  
GENETICS OF PRODUCTION  
FOR THE PERIOD 09-15-87 THROUGH 09-30-89  
AWARD # 87-CRCR-1-2571  
MSN AG&LSC AGRONOMY (144-Z968) 90,000.00
- 10) IMPROVED WOOD UTILIZATION THROUGH  
SAW MATERIAL DEVELOPMENT  
FOR THE PERIOD 09-01-87 THROUGH 08-31-90  
AWARD # 87-FSTY-9-0258  
MSN ENGR MET & MIN ENGR (144-Z983) 139,500.00
14. AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) ANALYZE THE STRUCTURE OF THE EMPRESA ASOCIATIVE  
CAMPESENA DE ISLETAS IN HONDURAS  
FOR THE PERIOD 08-01-87 THROUGH 10-16-87  
AWARD # DAN-5301-I-00-5025-00, MOD. 9  
MSN AG&LSC LAND TENURE CTR (144-Z931) 26,630.00
- 2) LTC LAND TITLING AND LAND MARKETS RESEARCH IN  
EQUADOR  
FOR THE PERIOD 08-31-87 THROUGH 07-31-89  
AWARD # DAN-5301-A-00-4033-00, MOD. 19  
MSN AG&LSC LAND TENURE CTR (144-Z979) 200,000.00
15. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM  
ROCKVILLE, MD  
STORM RESEARCH PROGRAM  
FOR THE PERIOD 05-01-84 THROUGH 08-31-88  
AT A TOTAL COST OF \$735,101.00  
AWARD # NA84AA-H-00028, MOD. 5  
MSN GRAD SPACE SCI&ENG CT (144-U417) 190,520.00
16. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH  
ABROAD PROGRAM  
(THIS PROJECT ALSO CONTAINS 113,102 INDIAN  
RUPEE EQUIVALENTS)  
FOR THE PERIOD 07-01-87 THROUGH 12-31-88  
AWARD # GOO8740522  
MSN GRAD (144-Z835) 30,310.00
- 2) REHABILITATION RESEARCH AND DEMO FIELD  
INITIATED RESEARCH  
FOR THE PERIOD 09-30-87 THROUGH 09-29-88  
AWARD # GOO8720104  
MSN HS-A H OCCUP THERAPY (144-Z980) 31,739.00



GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

17. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS OS  
RESEARCH INTO AND DESIGN OF A REFORMED CHILD  
SUPPORT ENFORCEMENT PROGRAM  
FOR THE PERIOD 07-01-85 THROUGH 06-30-88  
AT A TOTAL COST OF \$2,054,046.00  
AWARD # P.D. FDH 65314, MOD. 2  
MSN L&S INST-RES ON POV (144-W857) 772,696.00
18. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM  
ROCKVILLE, MD  
CLINICAL INVESTIGATOR AWARD  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # 1 K08 MH00542-01A3  
MSN HS-PSY PSYCHIATRIC INST (144-Z875) 53,676.00
19. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) REGIONAL PRIMATE RESEARCH CENTER SUPPORT  
FOR THE PERIOD 05-01-87 THROUGH 04-30-88  
AT A TOTAL COST OF \$2,895,168.00  
AWARD # 3 P51 RRO0167-27S1, MOD. 1  
MSN L&S PRIMATE RES CTR (144-Z233) 85,779.00
- 2) IMMUNOGENETICS OF TRICHINELLA SPIRALIS IN THE  
MOUSE  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AT A TOTAL COST OF \$161,981.00  
AWARD # 2 RO1 AI24355-02, MOD. 1  
MSN VET M PATHOBIOLOG SCI (144-Z488) 36,008.00
- 3) REGULATION OF BROWN ADIPOSE TISSUE THERMOGENESIS  
FOR THE PERIOD 08-01-87 THROUGH 07-31-88  
AWARD # 5 RO1 DK32686-05  
MSN AG&LSC NUTRITIONAL SCI (144-Z703) 69,098.00
- 4) GENETICS AND PATHOGENICITY OF ESCHERICHIA COLI  
HEMOLYSIN  
FOR THE PERIOD 08-01-87 THROUGH 07-31-88  
AWARD # 5 RO1 AI20323-05  
MSN HS-MED MED MICROBIOLOGY (144-Z755) 144,596.00
- 5) SELECTIVE EXPOSURE RADIOGRAPHY  
FOR THE PERIOD 08-01-87 THROUGH 07-31-88  
AWARD # 5 RO1 CA36623-05  
MSN HS-MED MEDICAL PHYSICS (144-Z770) 113,796.00
- 6) HUMAN MONOCYTE MODULATION OF  
COAGULATION/FIBRINOLYSIS  
FOR THE PERIOD 08-01-87 THROUGH 07-31-88  
AWARD # 5 RO1 AI20247-05  
MSN HS-MED MEDICINE HEMATOLOGY (144-Z791) 70,261.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

7) ANALYSIS OF INHIBITORY PROCESSES IN PIRIFORM CORTEX FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 NS19865-05 MSN HS-MED ANATOMY	(144-Z870)	107,828.00
8) ORGANIZATION OF CENTRAL VISUAL PATHWAYS FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 EYO1277-12 MSN HS-MED ANATOMY	(144-Z871)	124,227.00
9) SYNAPTIC STRUCTURE AND FUNCTION DURING SENESCENCE FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 AG01572-09 MSN HS-MED PHYSIOLOGY	(144-Z895)	74,011.00
10) HUMAN UTERINE GLYCOGEN SYNTHASE AND PROGESTERONE ACTION FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 HD19529-03 MSN HS-MED OBSTET & GYNECOL	(144-Z899)	69,792.00
11) MECHANISMS OF VIRUS INDUCED ASTHMA FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 AI15685-08 MSN HS-MED MEDICINE ALLRGY&IMM	(144-Z903)	161,891.00
12) POSTDOCTORAL FELLOWSHIP AWARD FOR THE PERIOD 09-15-87 THROUGH 09-14-88 AWARD # 5 F32 GM11546-02 MSN L&S CHEMISTRY	(144-Z910)	20,004.00
13) NEURAL INTERACTIONS INFLUENCING BRONCHOMOTOR TONE FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 2 RO1 HL29043-06 MSN HS-MED PREVENTIVE MED	(144-Z915)	121,300.00
14) GENETIC REGULATION AND TRANSPOSITION FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 GM19670-15 MSN AG&LSC BIOCHEMISTRY	(144-Z916)	256,772.00
15) FSH CONTROL OF OVARIAN PROTEOGLYCAN SYNTHESIS FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 HD13964-06 MSN AG&LSC DAIRY SCIENCE	(144-Z919)	82,375.00
16) HIGH AFFINITY IRON TRANSPORT IN USTILAGO MAYDIS FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 GM33716-02 MSN AG&LSC PLANT PATHOLOGY	(144-Z920)	95,427.00
17) ENVIRONMENTAL TOXICOLOGY (PREDOCTORAL AND POSTDOCTORAL) FOR THE PERIOD 09-01-87 THROUGH 06-30-88 AWARD # 2 T32 ES07015-11A1 MSN AG&LSC N RSRC-ENVIR TOX	(144-Z923)	289,951.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

18)	ALCOHOL USE AND AVIATION SAFETY FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 AA06093-04 MSN L&S PSYCHOLOGY	(144-Z925)	117,968.00
19)	THE VITAMIN K NUTRITIONAL STATUS IN INFANTS IN THE U.S. FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 1 RO1 HD24083-01 MSN HS-MED PEDIATRICS	(144-Z932)	49,534.00
20)	FUNCTIONS OF NIF ASSOCIATED PROTEINS FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 GM35163-03 MSN AG&LSC BACTERIOLOGY	(144-Z934)	121,116.00
21)	POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 1 F32 GM11831-01 MSN L&S CHEMISTRY	(144-Z936)	20,004.00
22)	NEUROPATHOLOGY DUE TO ONCOGENE FROM SV40 VIRUS FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 NS22475-03 MSN VET M PATHOBIOLOG SCI	(144-Z941)	63,640.00
23)	NIH SMALL INSTRUMENTATION GRANT FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 1 S15 HD23552-01 MSN HS-NUR	(144-Z942)	5,000.00
24)	STUDIES OF SERUM AMYLOID P COMPONENT FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 5 RO1 DK35482-03 MSN HS-MED MEDICINE HEMATOLOGY	(144-Z943)	80,037.00
25)	EFFICACY OF FECAL OCCULT BLOOD SCREENING FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 1 RO3 CA46559-01 MSN HS-MED PREVENTIVE MED	(144-Z950)	33,536.00
26)	POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 09-09-87 THROUGH 09-08-88 AWARD # 5 F32 HDO6808-03 MSN AG&LSC VETERINARY SCI	(144-Z952)	24,996.00
27)	LINGUISTIC COMMUNICATION AND MENTAL RETARDATION FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 1 RO1 HD24356-01 MSN GRAD WAISMAN CENTER	(144-Z953)	72,856.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

28)	MULTITRACER ARG STUDIES OF MYOCARDIAL ISCHEMIA FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AWARD # 7 RO1 HL33514-02 MSN HS-MED RADIOLOGY	NUCL MED	(144-Z958)	141,228.00
29)	CLINICAL INVESTIGATOR AWARD FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # 1 KO8 HLO1828-01A1 MSN HS-MED MEDICINE	PULMON MED	(144-Z966)	63,720.00
30)	SYNTHESIS OF VITAMIN D2 METABOLITES AND RELATED COMPOUNDS FOR THE PERIOD 08-01-87 THROUGH 07-31-88 AWARD # 5 RO1 AR32701-05 MSN AG&LSC BIOCHEMISTRY		(144-Z970)	61,748.00
31)	VALIDATION OF METHODS OF MEASURING PHYSICAL ACTIVITY FOR THE PERIOD 09-30-87 THROUGH 09-29-88 AWARD # 5 RO1 HL37561-02 MSN EDUC PHYS ED & DANCE	PHYS EDUC	(144-Z972)	86,308.00
20.	HEALTH RESEARCH, INC. BUFFALO, NY PRIME CONTRACTOR WITH DHHS PHS NIH MECHANISM OF SELENIUM CHEMOPREVENTION OF CARCINOGENESIS FOR THE PERIOD 09-01-87 THROUGH 08-31-88 AWARD # AGR DTD 08/18/87 MSN AG&LSC NUTRITIONAL SCI		(144-Z906)	142,800.00
21.	COLUMBIA UNIVERSITY NEW YORK, NY PRIME CONTRACTOR WITH DHHS PHS NIH PRESBYOPIA: THE AGING PROCESS OF ACCOMODATIVE MECHANISM FOR THE PERIOD 04-01-86 THROUGH 11-30-87 AT A TOTAL COST OF \$166,590.00 AWARD # MODIFICATION DTD 07/29/87, MOD. 2 MSN HS-MED OPHTHALMOLOGY		(144-Y597)	60,585.00
22.	DHHS, PHS, OFFICE OF POPULATION AFFAIRS WASHINGTON, DC ADOLESCENT PARENTING BEHAVIOR FOR THE PERIOD 09-30-87 THROUGH 09-29-88 AWARD # APR 000938-02-0 MSN FR&CS FAM RSRC&CNSM SC ADMIN		(144-Z974)	101,717.00
23.	DOD, AIR FORCE BOLLING AFB, DC RESEARCH ON OPTOGALVANIC EFFECTS FOR THE PERIOD 09-30-87 THROUGH 09-29-88 AWARD # AFOSR-84-0328, MOD. 3 MSN L&S PHYSICS		(144-Z962)	79,796.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

24. DOD, NAVY  
ARLINGTON, VA  
RARE EARTH-TRANSITION METAL HETEROSTRUCTURES:  
GEOMETRICAL STRUCTURE, MAGNETIC & ELECTRONIC  
PROPERTIES  
FOR THE PERIOD 08-01-87 THROUGH 09-30-88  
AWARD # N00014-87-K-0673  
MSN L&S PHYSICS (144-Z792) 60,417.00
25. DOD, NAVY  
WASHINGTON, DC  
THE PREPARATION AND CHARACTERIZATION OF THE  
ELECTRONIC PROPERTIES OF SN-BASED DIRECT GAP  
GROUP IV SEMICONDUCTORS  
FOR THE PERIOD 08-15-86 THROUGH 01-15-88  
AT A TOTAL COST OF \$228,500.00  
AWARD # N00014-86-K-2022  
MSN GRAD SYNCHR RAD CTR SYNCH-RAD (144-Y398) 39,000.00
26. ENERGY, DEPT OF  
ARGONNE, IL  
IN SUPPORT OF THE FOLLOWING:
- 1) THEORETICAL REVERSED FIELD PINCH STUDIES  
FOR THE PERIOD 09-15-87 THROUGH 08-31-88  
AWARD # DE-FG02-85ER53212  
MSN L&S PHYSICS (144-Z909) 40,000.00
- 2) INTERPHASE TRANSPORT AND MULTISTAGE SEPARATIONS  
FOR THE PERIOD 09-01-87 THROUGH 02-28-89  
AWARD # DE-FG02-84ER13291  
MSN ENGR CHEMICAL ENGR (144-Z926) 135,000.00
- 3) HIGH POWER MICROWAVE TRANSMISSION SYSTEMS FOR  
ELECTRON CYCLOTRON RESONANCE PLASMA HEATING  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # DE-FG02-85ER52122  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-Z938) 100,000.00
- 4) THERMODYNAMICS AND KINETICS OF PHASE FORMATION  
OF THIN-FILM METAL ON GALLIUM ARSENIDE  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # DE-FG02-86ER45274  
MSN ENGR MET & MIN ENGR (144-Z939) 108,570.00
- 5) UNIVERSITY REACTOR SHARING PROGRAM  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # DE-FG02-81ER10229  
MSN ENGR NUC ENGR&E PHYSC (144-Z940) 13,000.00
- 6) MEASUREMENT OF METABOLICALLY ACTIVE INORGANIC  
PHOSPHATE LEVELS IN PLANTS GROWING IN NATURAL  
AGRONOMIC SETTINGS & UNDER WATER STRESS  
FOR THE PERIOD 09-01-87 THROUGH 05-31-88  
AWARD # DE-FG02-87ER60568  
MSN L&S BOTANY (144-Z955) 38,334.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

- 7) GAS EXCHANGE CHARACTERISTICS OF INTACT LEAVES AS INDICATORS OF THE BIOCHEMICAL REACTIONS LIMITING PHOTOSYNTHESIS  
FOR THE PERIOD 09-01-87 THROUGH 05-31-88  
AWARD # DE-FGO2-87ER13785  
MSN L&S BOTANY (144-Z956) 38,334.00
27. ENERGY, DEPT OF  
LAS VEGAS, NV  
DEVELOPMENT OF THE SYMETRIC-ILLUMINATION,  
ICE MATERIALS TEST FACILITY, SIRIUS-M  
FOR THE PERIOD 09-25-86 THROUGH 01-31-88  
AT A TOTAL COST OF \$169,725.00  
AWARD # DE-ASO8-86DP10613, MOD. 1  
MSN ENGR ENGR EXPER STA FUSION TEC (144-Y633) 19,725.00
28. ENERGY, DEPT OF  
OAK RIDGE, TN  
IN SUPPORT OF THE FOLLOWING:
- 1) INSTRUMENTATION GRANT - FLUORESCENCE ACTIVATED  
CELL AND CHROMOSOME SORTER  
FOR THE PERIOD 09-15-87 THROUGH 09-14-88  
AWARD # DE-FGO5-87ER75384  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-Z888) 311,236.00
- 2) INSTRUMENTATION GRANT - SCANNING AUGER MICROPROBE/  
SECONDARY ION MASS SPECTROMETER  
FOR THE PERIOD 09-15-87 THROUGH 09-14-88  
AWARD # DE-FGO5-87ER75383  
MSN ENGR MET & MIN ENGR (144-Z977) 397,000.00
29. SANDIA NATIONAL LABORATORY  
ALBUQUERQUE, NM  
PRIME CONTRACTOR WITH DOE  
DEVELOPMENT AND VALIDATION OF A WEATHER  
DATA GENERATOR  
FOR THE PERIOD 09-08-87 THROUGH 03-01-88  
AWARD # CONTRACT NO. 06-2661  
MSN ENGR ENGR EXPER STA SOLAR ENRG (144-Z973) 26,000.00
30. ARGONNE NATIONAL LABORATORY  
ARGONNE, IL  
PRIME CONTRACTOR WITH DOE  
SUPPORT OF A NEW 6-GEV SYNCHROTRON X-RAY SOURCE  
BENEFITS  
(REDUCTION DUE TO DECREASE IN SCOPE OF WORK)  
FOR THE PERIOD 08-01-86 THROUGH 12-31-86  
AT A TOTAL COST OF \$5,303.13  
AWARD # PO #058895, MOD. 1  
MSN L&S PHYSICS (144-Y524) 6,363.87-
31. ENVIRONMENTAL PROTECTION AGENCY  
CORVALLIS, OR  
DEVELOPMENT AND EVALUATION OF MODEL TO PREDICT  
EFFECTS OF CHEMICALS AND ENVIRON. STRESSORS ON  
TERRESTRIAL ANIMALS  
FOR THE PERIOD 08-17-87 THROUGH 08-16-88  
AWARD # 7B1116NTEX  
MSN AG&LSC BACTERIOLOGY (144-Z907) 24,991.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

32. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC  
ANALYSIS OF THE EFFECTS OF INCREASED ACIDITY ON  
LAKE ECOSYSTEMS BY A WHOLE LAKE MANIPULATION  
EXPERIMENT: SITE GENERAL ACTIVITIES AND  
ZOOPLANKTON STUDIES  
FOR THE PERIOD 04-01-87 THROUGH 03-31-88  
AT A TOTAL COST OF \$133,749.00  
AWARD # CR812216-02-O, MOD. 1  
MSN L&S LIMNOLOGY CTR (144-Z231) 23,004.00
33. CITY OF MADISON PUBLIC HEALTH DEPARTMENT  
MADISON, WI  
PRIME CONTRACTOR WITH EPA  
EPA HOUSEHOLD HAZARDOUS WASTE MANAGEMENT  
FOR THE PERIOD 07-01-87 THROUGH 01-31-88  
AWARD # AGR DTD 08-25-87  
MSN AG&LSC ENVIR RSRCS CTR (144-Z946) 4,630.00
34. INTERIOR, DEPT OF  
DENVER, CO  
POLLEN ANALYSIS IN SEDIMENT SAMPLES  
FOR THE PERIOD 09-01-87 THROUGH 10-31-87  
AWARD # ORDER NO. 062820-87  
MSN ENV ST CTR FOR CLIM RES (144-Z957) 2,000.00
35. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
PRIME CONTRACTOR WITH INTER  
ACOUSTIC ASSESSMENT OF FORAGE FISH IN LAKE  
MICHIGAN  
FOR THE PERIOD 10-01-86 THROUGH 06-30-88  
AT A TOTAL COST OF \$309,739.00  
AWARD # NRG-90926, MOD. 2  
MSN L&S LIMNOLOGY CTR (144-Y634) 172,244.00
36. NATIONAL AERONAUTICS AND SPACE ADMIN  
HOUSTON, TX  
METEOROLOGICAL INTERACTIVE DISPLAY SYSTEM-II  
FOR THE PERIOD 05-15-86 THROUGH 10-31-87  
AT A TOTAL COST OF \$2,646,900.00  
AWARD # NAS9-17642, MOD. 7C  
MSN GRAD SPACE SCI&ENG CT (144-X916) 384,900.00
37. UNIVERSITIES SPACE RESEARCH ASSOCIATION  
COLUMBIA, MD  
PRIME CONTRACTOR WITH NASA  
TELESCIENCE TESTBED PILOT PROGRAM  
FOR THE PERIOD 07-01-87 THROUGH 04-28-88  
AWARD # 800-72  
MSN GRAD SPACE SCI&ENG CT (144-Z963) 50,000.00
38. NASA, AMES RESEARCH CENTER  
MOFFETT FIELD, CA  
IN SUPPORT OF THE FOLLOWING:

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

- 1) CO-INVESTIGATOR SUPPORT ON THE GALILEO NET  
FLUX RADIOMETER EXPERIMENT  
FOR THE PERIOD 01-01-85 THROUGH 09-30-87  
AT A TOTAL COST OF \$498,929.00  
AWARD # NAS2-12078, MOD. 6  
MSN GRAD SPACE SCI&ENG CT (144-W319) 96,000.00
  - 2) RULES FOR SIMULATION OF AUDITORY SPACE  
OVER HEADPHONES  
FOR THE PERIOD 05-01-86 THROUGH 04-30-88  
AT A TOTAL COST OF \$57,500.00  
AWARD # NCA2-115, MOD. 3  
MSN GRAD WAISMAN CENTER (144-X853) 25,000.00
39. NASA, GODDARD SPACE FLIGHT CENTER  
GREENBELT, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) A SPACE TELESCOPE SCIENTIFIC INVESTIGATION USING  
A HIGH SPEED PHOTOMETER  
FOR THE PERIOD 03-02-78 THROUGH 11-30-87  
AT A TOTAL COST OF \$9,337,725.00  
AWARD # NAS5-24487, MOD. 49  
MSN GRAD SPACE SCI&ENG CT (144-L324) 326,876.00
  - 2) SPACELAB DIFFUSE SOFT X-RAY BRAGG SPECTROMETER  
FOR THE PERIOD 03-10-80 THROUGH 03-31-87  
AT A TOTAL COST OF \$5,110,372.00  
AWARD # NAS5-26078, MOD. 20  
MSN GRAD SPACE SCI&ENG CT (144-P296) 447,052.00
40. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) FUNCTION AND EXPRESSION OF THE SPOT 42 GENE OF  
E. COLI  
FOR THE PERIOD 07-15-83 THROUGH 12-31-88  
AT A TOTAL COST OF \$410,000.00  
AWARD # PCM-8309618, MOD. 4  
MSN HS-MED PHYSIOLOG CHEM (144-T243) 93,000.00
  - 2) THE SHAPE-SIZE DISTRIBUTIONS OF CLOUD AND  
PRECIPITATION PARTICLES  
FOR THE PERIOD 04-01-84 THROUGH 03-31-88  
AT A TOTAL COST OF \$157,000.00  
AWARD # ATM-8317602, MOD. 3  
MSN L&S METEOROLOGY (144-U348) 15,000.00
  - 3) GLACIOGEOPHYSICAL STUDY OF THE INTERIOR ROSS  
EMBAYMENT ANTARCTICA  
FOR THE PERIOD 12-01-84 THROUGH 08-31-88  
AT A TOTAL COST OF \$1,149,440.00  
AWARD # DPP-8412404, MOD. 3  
MSN L&S GEOL & GEOPHYSICS GEO&POL R (144-U861) 20,980.00



GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- |  |            |            |
|--|------------|------------|
| 4) PRESIDENTIAL YOUNG INVESTIGATOR AWARD<br>FOR THE PERIOD 08-01-85 THROUGH 01-31-89<br>AT A TOTAL COST OF \$187,500.00<br>AWARD # DCR-8451387, MOD. 2<br>MSN L&S      COMPUTER SCI  | (144-W606) | 62,500.00  |
| 5) PRESIDENTIAL YOUNG INVESTIGATOR AWARD<br>FOR THE PERIOD 08-15-85 THROUGH 01-31-89<br>AT A TOTAL COST OF \$112,500.00<br>AWARD # DMR-8451933, MOD. 2<br>MSN ENGR      MET & MIN ENGR   | (144-W975) | 25,000.00  |
| 6) OPERATION OF THE SYNCHROTRON RADIATION CENTER<br>FOR THE PERIOD 03-01-86 THROUGH 03-31-88<br>AT A TOTAL COST OF \$4,263,969.00<br>AWARD # DMR-8601349, MOD. 3<br>MSN GRAD      SYNCHR RAD CTR      SYNCH-RAD                  | (144-X342) | 250,000.00 |
| 7) ROA: COMPARATIVE STUDIES OF A SUITE OF<br>LAKES IN WISCONSIN<br>FOR THE PERIOD 01-01-86 THROUGH 06-30-88<br>AT A TOTAL COST OF \$752,937.00<br>AWARD # BSR-8514330, MOD. 2<br>MSN L&S      LIMNOLOGY CTR                      | (144-X524) | 52,937.00  |
| 8) NSF EQUIPMENT GRANT<br>NEUROSCIENCES RESEARCH COMPUTING NETWORK<br>FOR THE PERIOD 09-15-87 THROUGH 02-28-90<br>AWARD # BBS-8714242<br>MSN GRAD      WAISMAN CENTER  | (144-Z251) | 363,000.00 |
| 9) ESTABLISHMENT OF A LABORATORY OF<br>ARCHAEOLOGICAL CHEMISTRY<br>FOR THE PERIOD 09-01-87 THROUGH 02-28-89<br>AWARD # BNS-8702731<br>MSN L&S      ANTHROPOLOGY  | (144-Z642) | 212,779.00 |
| 10) MOISTURE OVER AMAZONIA - A CONTRIBUTION TO THE<br>GLOBAL TROPOSPHERIC AND AMAZON BOUNDARY LAYER<br>EXPERIMENTS GTE/ABLE<br>FOR THE PERIOD 08-15-87 THROUGH 01-31-89<br>AWARD # ATM-8703966<br>MSN GRAD      SPACE SCI&ENG CT | (144-Z876) | 55,500.00  |
| 11) GENDER DIFFERENCES IN MATHEMATICS PERFORMANCE:<br>META-ANALYSIS AND COGNITIVE ANALYSIS<br>FOR THE PERIOD 09-01-87 THROUGH 02-28-90<br>AWARD # MDR-8709533<br>MSN L&S      PSYCHOLOGY   | (144-Z901) | 218,926.00 |
| 12) MATHEMATICAL SCIENCES: PROBLEMS IN<br>PHASE TRANSITIONS<br>FOR THE PERIOD 09-01-87 THROUGH 02-28-89<br>AWARD # DMS-8716841<br>MSN L&S      CTR MATH SCI  | (144-Z917) | 10,000.00  |

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- 13) ELECTRICAL IMPEDANCE TOMOGRAPHY FOR MEDICAL  
IMAGING  
FOR THE PERIOD 09-01-87 THROUGH 02-28-89  
AWARD # EET-8714618  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-Z918) 114,800.00
- 14) PERFORMANCE MEASUREMENT AND ANALYSIS TOOLS FOR  
PARALLEL AND DISTRIBUTED PROGRAMS  
FOR THE PERIOD 07-15-87 THROUGH 12-31-89  
AWARD # CCR-8703373  
MSN L&S COMPUTER SCI (144-Z951) 97,561.00
- 15) INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # AGR DTD 09-16-87  
MSN ENGR ENGR EXPER STA MFG SY ENG (144-Z982) 89,376.00
41. MICHIGAN STATE UNIVERSITY  
EAST LANSING, MI  
PRIME CONTRACTOR WITH NSF  
MAMMALIAN PHYLOGENY THROUGH BRAIN TRAITS AND DNA  
SIMILARITIES  
FOR THE PERIOD 07-15-85 THROUGH 10-31-88  
AT A TOTAL COST OF \$54,093.00  
AWARD # SUBCONTRACT NO 71-1634-UW, MOD. 3  
MSN L&S ZOOLOGY (144-X102) 20,001.00
42. MICHIGAN STATE UNIVERSITY  
EAST LANSING, MI  
PRIME CONTRACTOR WITH NSF  
MAMMALIAN PHYLOGENY THROUGH BRAIN TRAITS AND DNA  
SIMILARITIES  
FOR THE PERIOD 07-15-85 THROUGH 10-31-88  
AT A TOTAL COST OF \$84,428.00  
AWARD # SUBCONTRACT NO 71-1634-UW, MOD. 3  
MSN HS-MED NEUROPHYSIOLOGY (144-X119) 28,500.00
43. VETERANS ADMIN  
MADISON, WI  
SODIUM 23 MRI FUNCTIONAL BRAIN IMAGING  
FOR THE PERIOD 04-01-87 THROUGH 09-30-87  
AT A TOTAL COST OF \$9,307.25  
AWARD # 607D75355, MOD. 1  
MSN HS-MED RADIOLOGY DIAGNOSTIC (144-Z288) 4,976.07
44. VARIOUS GOVERNMENTAL AGENCIES  
MADRID, SPAIN  
THE SOCIALIZATION OF STUDENT TEACHERS IN THE  
U.S. AND SPAIN: A COMPARATIVE CASE STUDY  
FOR THE PERIOD 11-01-87 THROUGH 10-31-88  
AWARD # REGISTRY #III.A874033-2  
MSN EDUC WIS CTR EDUC RES (144-Z965) 5,000.00
45. WISCONSIN ALUMNI RESEARCH FOUNDATION  
MADISON, WI  
WARF SENIOR DISTINGUISHED RESEARCH PROFESSOR  
MSN GRAD AGR & LIFE SCI PLANT PATH (135-0065) 50,395.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

46.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI WARF SENIOR DISTINGUISHED RESEARCH PROFESSOR MSN GRAD AGR & LIFE SCI N R-FOREST (135-0066)	50,289.00
47.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI WARF SENIOR DISTINGUISHED RESEARCH PROFESSOR MSN GRAD AGR & LIFE SCI VET SCI (135-0067)	47,381.00
48.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI WARF SENIOR DISTINGUISHED RESEARCH PROFESSOR MSN GRAD L&S HUM-INST R (135-0071)	38,877.00
49.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI WARF SENIOR DISTINGUISHED RESEARCH PROFESSOR MSN GRAD L&S POL SCI (135-0073)	40,492.00
50.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI WARF SENIOR DISTINGUISHED RESEARCH PROFESSOR MSN GRAD L&S POL SCI (135-0074)	45,507.00
51.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI WARF SENIOR DISTINGUISHED RESEARCH PROFESSOR MSN GRAD L&S MUSIC (135-0075)	43,916.00
52.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI WARF SENIOR DISTINGUISHED RESEARCH PROFESSOR MSN GRAD L&S HISTORY (135-0076)	38,059.00
53.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI WARF SENIOR DISTINGUISHED RESEARCH PROFESSOR MSN GRAD MEDICAL SCHOOL ONCOLOGY (135-0077)	45,329.00
54.	CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY (133-A250)	
	158.32 MULTIPLE DONORS	
	7,200.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
	35.00 MULTIPLE DONORS	
		7,393.32
55.	MULTIPLE DONORS CANCER RESEARCH MSN HS-MED (133-A251)	190.00
56.	NAUTILUS RESEARCH CORPORATION MADISON, WI VICK'S RHINORHEOMETER STUDY MSN HS-MED MEDICINE PULMON MED (133-A371)	25,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	( 133-A525)	54,000.00
58.	ESTATE OF CLARENCE PICKARD JAMESTOWN, NY CANCER RESEARCH AND RELATED ACTIVITIES MSN HS-HSP ADMINISTRATION ADMIN	( 133-A934)	1,000.00
59.	MERRELL DOW PHARMACEUTICALS CINCINNATI, OHIO PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY	( 133-B193)	6,000.00
60.	AMERICAN ASSOCIATION FOR CLINICAL CHEMISTRY WASHINGTON, D.C. DISCRETIONARY FUND IN THE DEPARTMENT OF PATHOLOGY MSN HS-MED PATHOL & LAB MED ANAT PATH	( 133-B289)	793.00
61.	MULTIPLE DONORS HEART RESEARCH-CARDIOLOGY SECTION MSN HS-MED MEDICINE	( 133-B379)	10.00
62.	THE QUAKER OATS COMPANY CEDAR RAPIDS, IA OAT BREEDING IN LESSER DEVELOPED COUNTRIES MSN AG&LSC AGRONOMY	( 133-B387)	14,900.00
63.	MULTIPLE DONORS FIELD CROP DISEASES MSN AG&LSC PLANT PATHOLOGY	( 133-B522)	350.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF GENERAL SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	( 133-B573)	6,306.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF FOOD SCIENCE CHAIRMAN'S DISCRETIONARY FUND MSN AG&LSC FOOD SCIENCE	( 133-B656)	1,000.00
66.	SUNSPICED, INC. BLACKFOOT, IDAHO POTATO & OTHER VEGETABLE RESEARCH MSN AG&LSC HANCOCK RES STA	( 133-C235)	4,000.00
67.	AMERICAN FOUNDATION FOR PHARMACEUTICAL EDUCATION FAIR LAWN, NJ RESEARCH AND EDUCATION OF OUTSTANDING GRADUATE STUDENTS IN PHARMACY MSN HS-PHR PHARMACY	( 133-C504)	10,250.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

68.	TRI CLOVER KENOSHA, WI STUDY OF THE EFFECTS OF YOGURT ON BREAD MSN AG&LSC FOOD SCIENCE	(133-C733)	1,888.00
69.	U.S. SURGICAL CORPORATION NORWALK, CT GENITO-URINARY CANCER RESEARCH MSN HS-MED SURGERY	UROLOGY (133-C878)	2,800.00
70.	PLANT BREEDING AND GENETICS OF VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-D117)	
	400.00 MULTIPLE DONORS 4,000.00 PICKLE PACKERS INT'L. ST CHARLES, IL		4,400.00
71.	ABBOTT LABORATORIES NORTH CHICAGO, IL GROWTH REGULATORS - FRUIT CROPS MSN AG&LSC HORTICULTURE	(133-D127)	2,000.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KICKAPOO VALLEY FORESTRY FUND MSN AG&LSC NAT RSRCS- ADMIN	(133-D271)	43,500.00
73.	MAYER (HAZEL MAE) TRUST MILWAUKEE, WI RESEARCH IN PULMONARY PATHOPHYSIOLOGY MSN HS-MED PREVENTIVE MED	(133-D367)	10,000.00
74.	SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	
	500.00 RORER CENTRAL RESEARCH 2,500.00 FORT WASHINGTON, PA RORER PHARMACEUTICAL CORP. FORT WASHINGTON, PA		3,000.00
75.	MULTIPLE DONORS DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-D646)	360.00
76.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND FOR HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-D926)	10,000.00
77.	KRAFT, INC. GLENVIEW, IL DEVELOPING AND IMPLEMENTING METHODS OF VEHICLE SCHEDULING IN A KRAFT FOODSERVICE DISTRICT MSN AG&LSC FOOD SCIENCE	(133-E447)	2,534.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

78.	MULTIPLE DONORS SUPPORT STUDENT HOURLY HELP IN PROJECT RESEARCH INVOLVING THE COURTSHIP AND PARENTAL CARE INTERACTIONS IN FISHES MSN L&S      ZOOLOGY      (133-E707)	48.00
79.	JEROLD A. JACOVER SPECIAL ACCOUNT CHICAGO, IL ACUTE LEUKEMIA/BONE MARROW TRANSPLANTATION RESEARCH FUND MSN HS-MED MEDICINE      HEMATOLOGY      (133-E923)	600.00
80.	AMERICAN ASSOCIATION FOR PEDIATRIC OPHTHALMOLOGY AND STRABISMUS MADISON, WI PEDIATRIC OPHTHALMOLOGY RESEARCH MSN HS-MED OPHTHALMOLOGY      (133-F127)	828.26
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GASTROENTEROLOGY SUPPORT MSN HS-MED MEDICINE      GASTROENT      (133-F182)	1,000.00
82.	JAMES M. HULL SANTA CLARA, CA MICROPROCESSOR RESEARCH MSN ENGR      ELEC & COM ENGR      ELEC&COMP      (133-F245)	1,500.00
83.	FOUNDATION FOR INTERNATIONAL SCIENTIFIC MADISON, WI PROGRAM FOR THE DEVELOPMENT OF A PREVENTIVE HEALTH SERVICE PROGRAM FOR VIETNAM MSN HS-MED PREVENTIVE MED      (133-F298)	5,000.00
84.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN LUMINESCENT DEVICES BASED ON II-VI SEMICONDUCTORS MSN L&S      CHEMISTRY      (133-F356)	61,095.00
85.	EASTERN ARTIFICIAL INSEMINATION COOPERATIVE INC. ITHACA, NY MECHANISMS OF VIRAL PATHOGENESIS MSN VET M      PATHOBIOLOGCL SCI      (133-F663)	43,200.00
86.	GEOTECHNICAL ENGINEERING PROGRAM SUPPORT MSN ENGR      CIVIL & ENV ENGR      (133-F891)	
	1,420.00      PETER & MARCIA BOSSCHER MADISON, WI	
	950.00      TUNCER B. EDIL MADISON, WI	
	375.00      MULTIPLE DONORS	
		2,745.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RAY C. LYONS MEMORIAL FUND FOR GRADUATE STUDENT RESEARCH MSN HS-PHR PHARMACY	(133-F933)	10,000.00
88.	MULTIPLE DONORS DISCRETIONARY FUND FOR DIABETES RESEARCH MSN HS-MED MEDICINE	ENDOCRINOL (133-G024)	350.00
89.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENHANCE INTRAMURAL RESEARCH SUPPORT PROGRAMS MSN HS-MED	(133-G073)	106,315.33
90.	LUBRIZOL FOUNDATION/AGRIGENETICS CORPORATION WICKLIFFE, OH LUBRIZOL PREDOCTORAL FELLOW OF GENETICS MSN AG&LSC GENETICS	(133-G212)	17,500.00
91.	MULTIPLE DONORS PROGRAM FOR DEVELOPMENT OF PREVENTIVE HEALTH SERVICE PROGRAM FOR VIETNAM MSN HS-MED PREVENTIVE MED	(133-G285)	183.60
92.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	2,000.00
93.	ATLANTIC BREEDERS COOPERATIVE LANCASTER, PA BRIDGING THE DISCIPLINES OF REPRODUCTIVE PHYSIOLOGY AND GENETICS--AN INTEGRATED RESEARCH APPROACH MSN AG&LSC DAIRY SCIENCE	(133-G729)	3,650.00
94.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY CHAIRMAN'S FUND MSN HS-MED PSYCHIATRY	(133-G809)	30,000.00
95.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANXIETY DISORDERS CLINIC MSN HS-MED PSYCHIATRY	(133-G812)	1,357.04
96.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR AFFECTIVE DISORDERS MSN HS-MED PSYCHIATRY	(133-G813)	7,230.33
97.	MULTIPLE DONORS CENTER FOR AFFECTIVE DISORDERS MSN HS-MED PSYCHIATRY	(133-G986)	485.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

98.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHANCELLOR'S DEVELOPMENT AWARD IN THE CREATIVE ARTS 1987-88 MSN L&S ENGLISH	(133-H099)	5,000.00
99.	NAUTILUS RESEARCH CORPORATION MADISON, WI AN EVALUATION OF STOOL CHARACTERISTICS OF TWO DOSAGE REGIMENS OF A NEW BULK LAXATIVE VS. PLACEBO IN NORMAL HEALTHY HUMAN VOLUNTEERS MSN HS-MED MEDICINE GASTROENT	(133-H206)	21,890.08
100.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EQUIPMENT GRANT FOR MANUFACTURING SYSTEMS ENGINEERING PROGRAM MSN ENGR ENGR EXPER STA MFG SY ENG	(133-H364)	75,000.00
101.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PHARMACEUTICS FUND MSN HS-PHR PHARMACY	(133-H479)	1,000.00
102.	PHARMACEUTICAL RESEARCH MSN HS-PHR PHARMACY	(133-H751)	
	5,000.00 WARNER-LAMBERT FOUNDATION MORRIS PLAINS, NJ		
	3,060.00 NORWICH EATON PHARMACEUTICALS, INC NORWICH, N.Y.		
			8,060.00
103.	THE ANIMAL MEDICAL CENTER MADISON, WI OBESITY STUDY: PHASE II MSN VET M MEDICAL SCIENCES	(133-H778)	600.00
104.	MULTIPLE DONORS ALS RESEARCH MSN HS-MED NEUROLOGY	(133-H941)	30.00
105.	MULTIPLE DONORS PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-J303)	445.00
106.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI FACULTY SALARY AND FRINGE BENEFIT SUPPORT MSN HS-MED RADIOLOGY	(133-J330)	3,051.00
107.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF NURSING RESEARCH FUND MSN HS-NUR	(133-J357)	9,000.00



GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

108.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DATA FILE ANALYSIS MSN HS-MED PSYCHIATRY	(133-J426)	1,000.00
109.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHEMICAL CARCINOGENESIS RESEARCH ALLOCATION MSN HS-MED ONCOLOGY	(133-J576)	6,800.00
110.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FLORENCE BLAKE FUND MSN HS-NUR	(133-J805)	8,000.00
111.	MULTIPLE DONORS AUTOLOGOUS BONE MARROW TRANSPLANTATION MSN VET M MEDICAL SCIENCES	(133-J823)	200.00
112.	BOEHRINGER INGELHEIM PHARMACEUTICALS, INC. RIDGEFIELD, CT ADMINISTRATIVE ACCOUNT FOR STUDY OF LISINOPRIL COMPARED TO ATENOLOL IN HYPERTENSION MSN HS-PHR PHARMACY	(133-J882)	7,100.00
113.	FEDERAL EXPRESS CORPORATION MEMPHIS, TN DEVELOPMENT OF MC IDAS WEATHER SYSTEM AT A 1,016,467 LEVEL MSN GRAD SPACE SCI&ENG CT	(133-J895)	180,000.00
114.	MULTIPLE DONORS CRUCIFER GENETICS COOPERATIVE MSN AG&LSC PLANT PATHOLOGY	(133-J959)	525.00
115.	AMERICAN FROZEN FOOD INSTITUTE MCLEAN, VA STABILIZATION OF PROTEINS DURING FROZEN STORAGE MSN AG&LSC FOOD SCIENCE	(133-J974)	5,000.00
116.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DAVID E. GREEN MEMORIAL LECTURES MSN GRAD ENZYME INSTITUTE	(133-J977)	1,243.95
117.	MULTIPLE DONORS PANCREATIC TISSUE RESEARCH MSN HS-MED SURGERY GEN SURG	(133-K130)	124.85
118.	SYNTEX LABORATORIES, INC. PALO ALTO, CA COMPARISON OF GARDION ENPROSTIL CAPSULES AND PLACEBO IN TREATMENT OF GASTRITIS INDUCED BY NON-STEROIDAL ANTIINFLAMMATORY AGENTS MSN HS-MED MEDICINE GASTROENT	(133-K205)	450.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

119.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND MSN HS-MED	(133-K242)	20,000.00
120.	TRACOR NORTHERN MIDDLETON, WI THIN FILM DEPOSITION AND APPLICATIONS PROGRAMS FOR THE PERIOD 01-01-86 THRU 12-31-88 MSN ENGR ENGR EXPER STA MATERLS SC	(133-K251)	6,000.00
121.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI C. A. ZIELINSKI AWARD FUND MSN HS-PHR PHARMACY	(133-K276)	100.00
122.	ROHM & HAAS COMPANY SPRING HOUSE, PA UNRESTRICTED GRANT IN SUPPORT OF RESEARCH ON DISEASE MANAGEMENT IN WISCONSIN FRUIT CROPS MSN AG&LSC PLANT PATHOLOGY	(133-K284)	6,750.00
123.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIABETIC RETINAL RESEARCH FUND MSN HS-MED OPHTHALMOLOGY	(133-K318)	2,500.00
124.	USG CORPORATION LIBERTYVILLE, IL EVALUATION OF MINERAL FIBER BINDERS MSN ENGR CHEMICAL ENGR	(133-K353)	4,423.42
125.	AMOCO CORPORATION NAPERVILLE, IL METHANE MONOOXYGENASE: KINETICS AND REACTION MECHANISM MSN GRAD ENZYME INSTITUTE	(133-K509)	83,249.00
126.	WISCONSIN RURAL DEVELOPMENT CENTER BLACK EARTH, WI RESEARCH ON SUSTAINABLE AGRICULTURE MSN AG&LSC RURAL SOCIOLOGY	(133-K625)	3,113.60
127.	WISCONSIN BEEF COUNCIL, INC. MADISON, WI CATTLE PROJECTS MSN AG&LSC MEAT& ANIMAL SCI	(133-K669)	500.00
128.	SCHERING-PLOUGH FOUNDATION, INC. KENILWORTH, NJ SCHERING-PLOUGH FOUNDATION FELLOWSHIP MSN HS-PHR PHARMACY	(133-K743)	5,000.00
129.	BAUSCH & LOMB ROCHESTER, NY PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-K793)	9,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

130.	ILLINOIS STATE GEOLOGICAL SURVEY URBANA, IL EFFECTS OF COAL MINE INDUCED SUBSIDENCE ON AGRICULTURAL SOILS AT A 24,000 LEVEL AWARD # 15E15 MSN AG&LSC SOIL SCIENCE	(133-L033)	12,000.00
131.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY	(133-L042)	5,000.00
132.	HOFFMANN-LAROCHE, INC. NUTLEY, NJ INTERRUPTION OF NATURALLY TRANSMITTED RHINOVIRUS COLDS BY USE OF ROCHE VITAMIN C MSN HS-MED PREVENTIVE MED	(133-L044)	8,000.00
133.	AMERICAN STATISTICAL ASSOCIATION WASHINGTON, DC QUANTITATIVE LITERACY EVALUATION: PART 3 - EXPERIMENTAL STUDY FOR THE PERIOD 08-01-86 THRU 07-31-87 MSN EDUC WIS CTR EDUC RES	(133-L050)	300.00
134.	GOLDEN FOREST, INC. MADISON, WI GENETICS OF MUSHROOMS MSN AG&LSC PLANT PATHOLOGY	(133-L099)	8,000.00
135.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JOHN L. SONDEREGGER CENTER FOR RESEARCH IN PHARMACY ADMINISTRATION MSN HS-PHR PHARMACY	(133-L142)	50,000.00
136.	BRISTOL-MYERS EVANSVILLE, IN EFFICACY OF TRANZODONE IN THE TREATMENT OF FIBROSITIS MSN HS-MED NEUROLOGY	(133-L224)	4,700.00
137.	GLAXO, INC. RESEARCH TRIANGLE PARK, NC COMPARISON OF SEVERAL INHALER COMBINATIONS IN ADULTS WITH CHRONIC ASTHMA AWARD # SAL-503 MSN HS-MED MEDICINE ALLRGY&IMM	(133-L243)	18,000.00
138.	STUART PHARMACEUTICALS WILMINGTON, DE EVALUATION OF ICI 128,436 IN DIABETIC PATIENTS WITH PERIPHERAL SYMMETRICAL POLYNEUROPATHY AWARD # ARI 6-760-1 MSN HS-MED NEUROLOGY	(133-L250)	63,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

139.	MULTIPLE DONORS SWINE RESEARCH REPORT MSN AG&LSC MEAT& ANIMAL SCI	(133-L281)	200.00
140.	DOSKOCIL FOODS GROUP JEFFERSON, WI FATE OF LISTERIAE IN SAUSAGE MSN AG&LSC FOOD MICRO&TOXIC	(133-L415)	3,000.00
141.	KRAFT, INC. GLENVIEW, IL MICROBIOLOGICAL STABILITY OF HIGH MOISTURE CHEESE SAUCE MSN AG&LSC FOOD MICRO&TOXIC	(133-L434)	1,000.00
142.	HARVARD UNIVERSITY CAMBRIDGE, MA RESILENCE IN AGING FOR THE PERIOD 01-01-87 THRU 05-31-88 AT A \$75,320.00 LEVEL AWARD # SCI-0015 MSN GRAD INST-AGING&ADULT	(133-L473)	35,800.00
143.	UNITED NATIONS HIGH COMMISSIONER FOR REFUGEES GENEVA, SWITZERLAND EMERGENCY MANAGEMENT TRAINING PROGRAM FOR THE PERIOD 01-01-87 THRU 12-31-87 AT A 249,860 LEVEL AWARD # 87/AP/VAR/LS/9/OV MSN ENGR ENGR PRFSNL DVLP	(133-L495)	149,860.00
144.	ADM TRONICS UNLIMITED, INC. NORTHVALE, NJ EVALUATION OF "SONOTRON" THERAPY IN THE TREATMENT OF EXPERIMENTALLY INDUCED ARTHRITIS IN THE HORSE MSN VET M SURGICAL SCI	(133-L660)	25,860.00
145.	WISC DEPT OF TRANSPORTATION MADISON, WI DEVELOPMENT OF A COMPUTERIZED DEFICIENCY ANALYSIS METHODOLOGY FOR THE WISDOT HIGHWAY DATALOG SYSTEM FOR THE PERIOD 08-28-87 THRU 12-31-88 AWARD # TRG 09726 MSN ENGR CIVIL & ENV ENGR	(133-L723)	44,110.00
146.	AMERICAN ACADEMY OF VETERINARY DERMATOLOGY RALEIGH, NC THE EFFECT OF SELECTED ANESTHETIC PROTOCOLS ON INTRADERMAL SKIN TEST REACTION IN DOGS MSN VET M MEDICAL SCIENCES	(133-L725)	1,000.00
147.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-10-87 THRU 12-08-87 AWARD # 87-1 MC CULLOUGH MSN ENV ST INSTRUCTNL PROG INSTR PROG	(133-L745)	840.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

148.	<p>WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-01-87 THRU 12-12-87 AWARD # 87-1 URAM MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-L746)</p>	1,120.00
149.	<p>CIBA-GEIGY CORPORATION SUMMIT, NJ HUMANITARIAN USE OF ANAFRANIL IN OBSESSIVE- COMPULSIVE DISORDER MSN HS-PSY PSYCHIATRIC INST (133-L757)</p>	5,339.00
150.	<p>SANDOZ RESEARCH INSTITUTE EAST HANOVER, NJ MULTICENTER EFFICACY STUDY OF CAFERGOT P (SANDOZ) VS. CAFERGOT (SANDOZ) VS. PENTOBARBITAL SODIUM VS. PLACEBO MSN HS-MED NEUROLOGY (133-L781)</p>	2,500.00
151.	<p>WISC DEPT OF NATURAL RESOURCES MADISON, WI ANALYSIS OF WATER SAMPLES FROM AREA LAKES FOR THE PERIOD 06-01-87 THRU 09-30-87 AT A 2,000 LEVEL AWARD # NRG 92434 MSN L&amp;S LIMNOLOGY CTR (133-L823)</p>	1,000.00
152.	<p>WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 06-01-87 THRU 05-31-88 AWARD # 87-1 MACKEDANZ MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-L835)</p>	9,000.00
153.	<p>WARNER-LAMBERT COMPANY ANN ARBOR, MI A TWO WEEK, MULTICENTER, DOUBLE-BLIND, DOSE- RANGING STUDY OF THE COMPARATIVE EFFICACY AND SAFETY OF LOW DOSE SUSTAINED-RELEASE BENADRYL, STANDARD-RELEASE BENADRYL, AND PLACEBO IN OUT- PATIENTS WITH ALLERGIC SEASONAL RHINITIS MSN HS-MED MEDICINE ALLRGY&amp;IMM (133-L957)</p>	11,823.00
154.	<p>WISC DEPT OF NATURAL RESOURCES MADISON, WI GROUNDWATER IMPACT FROM FILTER STRIPS FOR THE PERIOD 08-19-87 THRU 08-31-88 AWARD # NRH 95405 MSN AG&amp;LSC AG ENGINEERING (133-L982)</p>	20,000.00
155.	<p>PIONEER OVERSEAS CORPORATION JOHNSTON, IA DISEASE RESISTANCE IN SWEET CORN MSN AG&amp;LSC AGRONOMY (133-M031)</p>	4,148.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

156.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 07-27-87 THRU 10-18-87 AWARD # 86-1 ROOVERS MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-M033)	1,200.00
157.	GENERAL ELECTRIC COMPANY SCHENECTADY, NY VUV LASER SPECTROSCOPY ON THE HG+ RESONANCE LINE IN A HG - AR DISCHARGE MSN L&S PHYSICS (133-M044)	20,878.00
158.	FORD FOUNDATION NEW YORK, NY THE HISTORY AND IMPACT OF THE AMERICAN BAR FOUNDATION SURVEY OF CRIMINAL JUSTICE FOR THE PERIOD 09-01-87 THRU 02-28-89 AWARD # 875-0716 MSN LAW LAW SCHOOL (133-M045)	38,000.00
159.	WISCONSIN EDUCATION ASSOCIATION COUNCIL MADISON, WI WISCONSIN EDUCATION ASSOCIATION COUNCIL PROJECT ASSISTANTSHIP FOR THE PERIOD 08-24-87 THRU 05-22-88 MSN L&S IND REL RES INST (133-M046)	8,075.00
160.	WISCONSIN MILK MARKETING BOARD MADISON, WI EVALUATION OF ENRICHMENT PROCEDURES FOR RECOVERING LISTERIA MONOCYTOGENES FROM DAIRY PRODUCTS AWARD # WMMB#IV-52 MSN AG&LSC FOOD MICRO&TOXIC (133-M048)	25,658.00
161.	WISC DEPT OF NATURAL RESOURCES MADISON, WI ANNULAR SPACE SEALING MATERIAL FOR THE PERIOD 08-25-87 THRU 06-30-88 AWARD # NRH 95539 MSN ENGR CIVIL & ENV ENGR (133-M049)	15,000.00
162.	PROCTER & GAMBLE COMPANY CINCINNATI, OH INTERFACIAL BEHAVIORS OF PROTEINS MSN L&S CHEMISTRY (133-M051)	20,000.00
163.	ADRIA LABORATORIES COLUMBUS, OH 5-FU VS. ADRIAMYCIN IN PATIENTS WITH METASTATIC BREAST CANCER AWARD # 85003093 MSN HS-MED HUMAN ONCOLOGY EAST COOP (133-M052)	17,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

164.	AMOCO CHEMICAL COMPANY NAPERVILLE, IL PRESIDENTIAL YOUNG INVESTIGATOR AWARD MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-M055)	10,000.00
165.	UPJOHN COMPANY KALAMAZOO, MI SURGICAL ONCOLOGY RESEARCH MSN HS-MED SURGERY ONCOLOGY	(133-M057)	10,000.00
166.	DUPONT (E I) DENEMOURS AND COMPANY WILMINGTON, DC PRESIDENTIAL YOUNG INVESTIGATOR AWARD MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-M058)	15,000.00
167.	EASTMAN KODAK COMPANY ROCHESTER, NY PRESIDENTIAL YOUNG INVESTIGATOR AWARD MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-M059)	10,000.00
168.	HARVARD UNIVERSITY OFFICE FOR SPONSORED RESEARCH CAMBRIDGE, MA ADAPTIVE COMPETENCE IN SUCCESSFUL AGING FOR THE PERIOD 09-01-87 THRU 05-31-88 MSN GRAD INST-AGING&ADULT	(133-M061)	20,940.00
169.	RADIATION MEASUREMENTS INCORPORATED MIDDLETON, WI STANDARDIZATION OF RADIATION THERAPY BEAM CALIBRATION AND VERIFICATION FOR THE PERIOD 08-01-87 THRU 07-31-88 MSN HS-MED HUMAN ONCOLOGY RADIOPHYS	(133-M064)	12,058.00
170.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY CHARACTERIZATION OF EPIDERMAL GROWTH FACTOR AND GROWTH HORMONE RECEPTORS FOR THE PERIOD 09-01-87 THRU 08-31-88 AWARD # 5-605 MSN HS-MED PHYSIOLOG CHEM	(133-M066)	30,000.00
171.	SHISEIDO COMPANY, LTD. TOKYO, JAPAN STUDY OF HAIR GROWTH USING TOPICAL DIAZOXIDE ON THE BALD SCALP OF THE STUMPTAILED MACAQUE MSN L&S PRIMATE RES CTR	(133-M067)	36,013.00
172.	DUPONT (E I) DENEMOURS AND COMPANY WILMINGTON, DE MOLECULAR CLONING OF THE GENE ENCODING A PLANT PLASMA MEMBRANE RECEPTOR PROTEIN FOR THE PERIOD 08-18-87 THRU 08-17-88 MSN AG&LSC HORTICULTURE	(133-M077)	52,619.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

173.	WISCONSIN POWER AND LIGHT COMPANY MADISON, WI ESTIMATING THE FATE OF PCBs IN TERRESTRIAL SYSTEMS MSN ENGR CIVIL & ENV ENGR (133-M078)	16,500.00
174.	WISCONSIN POWER AND LIGHT COMPANY MADISON, WI COAL PILE RUN-OFF CHARACTERIZATION, POTENTIAL IMPACT ON GROUNDWATER QUALITY, AND METHODS OF CONTROL MSN ENGR CIVIL & ENV ENGR (133-M079)	14,200.00
175.	BURROUGHS WELLCOME COMPANY RESEARCH TRIANGLE PARK, NC PHASE 111 STUDY OF WELLFERON AS ADJUVANT TREATMENT FOR RESECTABLE RENAL CELL CARCINOMA (EST 2886) MSN HS-MED HUMAN ONCOLOGY EAST COOP (133-M080)	25,000.00
176.	MULTIPLE DONORS FERROMAGNETIC CONSTRUCTION MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-M082)	900.00
177.	FMC CORPORATION OMAHA, NB PLANT NUTRITION & SOIL PH STUDIES MSN AG&LSC HORTICULTURE (133-M083)	7,500.00
178.	NATIONAL CHEESE INSTITUTE ALEXANDRIA, VA CENTER FOR DAIRY RESEARCH FUND MSN AG&LSC DAIRY RESEARCH,C (133-M084)	2,404.00
179.	CIBA-GEIGY CORPORATION BASEL, SWITZERLAND PHASE 1 STUDY OF INTERFERON-GAMMA (CGP 34264) IN HEMATOLOGIC MALIGNANCIES AWARD # 7666 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-M088)	30,000.00
180.	GLOECKNER (FRED C.) FOUNDATION NEW YORK, NY ADVANCED FLOWERING OF MICROPROPAGATED CEOPHYTES MSN AG&LSC HORTICULTURE (133-M089)	5,000.00
181.	MERRELL DOW PHARMACEUTICALS CINCINNATI, OH A DOUBLE-BLIND COMPARISON STUDY OF EXONIMONE AND PLACEBO FOLLOWED BY ENOXIMONE OR PLACEBO PLUS CAPTOPRIL IN PATIENTS WITH MILD TO MODERATELY SEVERE HEART FAILURE MSN HS-MED MEDICINE CARDIOLOGY (133-M090)	31,119.25
182.	WISCONSIN INSTITUTE OF FAMILY MEDICINE MADISON, WI SCREENING PATIENTS FOR PROBLEM DRINKING AND OTHER HEALTH BEHAVIORS MSN HS-MED FAM MED & PRACT (133-M091)	1,666.66



GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

183.	FAMILY HEALTH FOUNDATION OF AMERICA KANSAS CITY, MO SCREENING PATIENTS FOR PROBLEM DRINKING AND OTHER HEALTH BEHAVIORS FOR THE PERIOD 09-01-87 THRU 06-30-88 MSN HS-MED FAM MED & PRACT	(133-M092)	3,333.34
184.	GOLD FIELDS MINING CORPORATION LAKEWOOD, CO CONODONT RESEARCH MSN L&S GEOL & GEOPHYSCS	(133-M094)	1,226.00
185.	AGRACETUS MIDDLETON, WI IDENTIFICATION OF TRANSCRIPTION START SITES OF ARABIDOPSIS UBIQUITIN GENES MSN AG&LSC HORTICULTURE	(133-M101)	9,600.00
186.	MADISON GENERAL HOSPITAL MEDICAL & SURGICAL FOUNDATION, INC. MADISON, WI DEFICIENCY STATES BILIRUBIN METABOLISM-BREAST-MILK JAUNDICE MSN HS-MED PEDIATRICS	(133-M107)	5,000.00
187.	SANKYO COMPANY, LTD. TOKYO, JAPAN PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-M108)	5,000.00
188.	MINNESOTA MINING AND MANUFACTURING COMPANY ST PAUL, MN INVESTIGATION OF SUPPORT BANDAGES ON THE LOWER LIMB OF THE HORSE MSN VET M SURGICAL SCI	(133-M112)	10,074.00
189.	GRAYSON FOUNDATION, INC. LEXINGTON, KY IS EQUINE LARYNGEAL HEMIPLEGIA A CONGENITAL AND INHERITED CONDITON? MSN VET M MEDICAL SCIENCES	(133-M113)	29,529.00
190.	AMERICAN DIABETES ASSOCIATION WISCONSIN AFFILIATE, INC. MILWAUKEE, WI POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 12-01-87 THRU 11-30-88 MSN HS-MED OPHTHALMOLOGY	(133-M115)	19,500.00
191.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY PERIPHERAL NEUROPATHY IN TRANSGENIC MICE CARRYING SV40 EARLY REGION GENES FOR THE PERIOD 09-01-87 THRU 08-31-88 AWARD # 5-581 MSN VET M PATHOBIOLGCL SCI	(133-M117)	30,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

192.	JOHNSON (ROBERT WOOD) FOUNDATION PRINCETON, NJ ROBERT WOOD JOHNSON FOUNDATION FACULTY FELLOWSHIP IN HEALTH CARE FINANCE MSN ENGR ENGR EXPER STA HLTH SYS'S (133-M118)	15,000.00
193.	AUA TRUST FUND COLUMBIA, MO INTERNATIONAL SYMPOSIUM ON PLANT TRANSPOSABLE ELEMENTS FOR THE PERIOD 04-15-87 THRU 11-14-87 MSN AG&LSC GENETICS (133-M121)	10,000.00
194.	MENNEN COMPANY MORRISTOWN, NJ AXILLARY MALODOR: CHEMICAL BASIS AND MOLECULAR BIOLOGY OF ADHERENCE OF AXILLARY BACTERIA TO EPITHELIAL CELL SURFACES MSN HS-MED MED MICROBIOLOGY (133-M122)	49,990.00
195.	MEDICAL RESEARCH COUNCIL OF CANADA OTTAWA, ONTARIO, CANADA RESEARCH ALLOWANCE TO DEFRAY THE COST OF RESEARCH TRAINING MSN AG&LSC VETERINARY SCI (133-M123)	967.33
196.	UNIVERSAL FOODS MILWAUKEE, WI UW BIOPROCESS AND METABOLIC ENGINEERING CONSORTIUM MSN GRAD BIOTECHNOLGY CTR ENGR BIOTE (133-M124)	7,500.00
197.	TRITON BIOSCIENCES, INC. ALAMEDA, CA BETASERON INTERFERON IN CHRONIC MYELOGENOUS LEUKEMIA AWARD # TBO1-24185 MSN HS-MED MEDICINE HEMATOLOGY (133-M128)	1,350.00
198.	THE NATIONAL KRAUT PACKERS ASSOC., INC. ST. CHARLES, IL STUDY OF THE METHODS OF CONTROLLING CABBAGE DISEASES MSN AG&LSC PLANT PATHOLOGY (133-0209)	2,500.00
199.	MULTIPLE DONORS RETARDED CHILDRENS RESEARCH FUND MSN GRAD WAISMAN CENTER (133-4168)	105.10
200.	DOW CHEMICAL MADISON, WI WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY (133-5014)	4,000.00
201.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC (133-5328)	500,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

202.	WISCONSIN COUNCIL OF THE BLIND, INC. MADISON, WI RESEARCH IN DIABETIC RETINOPATHY MSN HS-MED OPHTHALMOLOGY	( 133-5612 )	1,000.00
203.	MULTIPLE DONORS HERD DEVELOPMENT AND DAIRY CATTLE BREEDING RESEARCH MSN AG&LSC DAIRY SCIENCE	( 133-9531 )	800.00
204.	NORTHRUP KING CO. GOLDEN VALLEY, MN WISCONSIN AGRONOMY CORN GENETICS RESEARCH FUND MSN AG&LSC AGRONOMY	( 133-9931 )	16,000.00

## STUDENT AID

1.	DAUGHTERS OF DEMETER, INC. MADISON, WI DAUGHTERS OF DEMETER LOAN FUND MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( LOANS )	400.00
2.	KOHLER FOUNDATION, INC KOHLER, WI KOHLER FAMILY SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	( TRUST )	5,750.00
3.	SANTA'S TREES LAKE FOREST, IL WALLACE, SUZANNE D. LYON, EARLE D.--SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( TRUST )	487.50
4.	UW MEDICAL ALUMNI ASSOCIATION MADISON, WI RUSSO, DR. VINCENT--SCHOLARSHIP MSN HS-MED	( TRUST )	435.00
5.	CONTINENTAL ILLINOIS CHICAGO, IL SCHULTE, HELEN D. TRUST SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	( TRUST )	8,184.52
6.	UNIVERSITY OF WISCONSIN-MADISON LEADERSHIP TRUST MSN G SERV FELLOWS & SCHOLS	( TRUST )	
70.64	EQUITABLE LIFE ASSURANCE SOCIETY SAN FRANCISCO, CA ROWE, HARRY		
62.37	PRUDENTIAL INSURANCE COMPANY SAN FRANCISCO, CA ROWE, HARRY J.		

133.01

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

7.	EARNINGS ON SHARES RECEIVED IN ESTATE KORESH, GEORGE--LOAN FUND MSN BUS SV BURSAR	( TRUST )	212.50
8.	UW MEDICAL ALUMNI ASSOCIATION MADISON, WI CLASS OF 1953--MEDICAL SCHOOL SCHOLARSHIP MSN HS-MED	( TRUST )	1,250.00
9.	MILLER, ROBERT C. & JUDITH M. FORT SMITH, AK DICKIE, DR. HELEN--LOAN FUND MSN HS-MED	( TRUST )	500.00
10.	INCOME FOR AN ANNUAL AWARD TO RECOGNIZE EXCELLENCE IN GRADUATE STUDENT RESEARCH IN THE DEPARTMENT OF COUNSELING PSYCHOLOGY AND COUNSELOR EDUCATION. ROTHNEY, JOHN W. M.--MEMORIAL RESEARCH AWARD MSN EDUC COUNS PSYCH & ED	( TRUST )	
11.	BAZAN, WILLIAM & HAZEL MADISON, WI LESCOHIER, DON D.--STUDENT AID MSN L&S ECONOMICS	( TRUST )	50.00
12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLITICAL SCIENCE GRADUATE FELLOWSHIP FUND MSN L&S POLITICAL SCI	( TRUST )	5,000.00
13.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INCOME IS TO BE USED TO PURCHASE BOOKS, JOURNALS OR NECESSARY FURNISHINGS FOR THE JOEL DEAN GRADUATE READING ROOM. DEAN, JOEL--GRADUATE READING ROOM FUND MSN L&S POLITICAL SCI	( TRUST )	2,500.00
14.	HOFFECKER, ELWOOD ESTATE CLOVIS, NM INCOME FOR UNDERGRADUATE SCHOLARSHIPS FOR COST OF TUITION. RECIPIENT SELECTED ON THE BASIS OF NEED OR ACHIEVEMENT, AS DETERMINED BY THE ADMINISTERING COMMITTEE. HOFFECKER, LAURA HAZEL MORLEY--SCHOLARSHIP MSN L&S ADM-STU ACAD AFF HONORS PRG	( TRUST )	10,000.00
15.	DEGA, MARGARET K. MADISON, WI PRINCIPAL AND INCOME TO BE USED FOR ONE-HALF TUITION SCHOLARSHIP TO A STUDENT INTERESTED IN LANDSCAPE ARCHITECTURE. DEGA, HUGH A.--MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( TRUST )	11,000.00
16.	DAHLE, BEULAH ESTATE MT. HOREB, WI INCOME BE AWARDED TO STUDENT MAJORING DIETETICS OR FOOD SCIENCE ADMINISTRATION. RECIPIENT SELECTED BY SCHOLARSHIP COMMITTEE. DAHLE, BEULAH--SCHOLARSHIP IN DEITETICS/FOOD SCIENCE MSN FR&CS FAM RSRC&CNSM SC ADMIN	( TRUST )	25,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

17.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-86 THROUGH 06-30-87 AT A TOTAL COST OF \$7,538,012.00 AWARD # PO08702947, MOD. 6 MSN G SERV FELLOWS & SCHOLS	(148-A087)	17,485.00
18.	EDUCATION, DEPT OF WASHINGTON, DC INDIAN EDUCATION PROGRAMS-FELLOWSHIPS 87-88 FOR THE PERIOD 07-01-87 THROUGH 09-30-88 AWARD # GO08710584 MSN GRAD	(144-Z978)	9,489.00
19.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD PRE-DOCTORAL FELLOWSHIP AWARD FOR THE PERIOD 08-18-87 THROUGH 08-17-88 AWARD # 1 F31 NRO6202-01 MSN GRAD SCH OF NURSING	(144-Z908)	10,552.00
20.	FERMI NATIONAL ACCELERATOR LABORATORY BATAVIA, IL PRIME CONTRACTOR WITH DOE PROFESSIONAL SERVICES OF GRADUATE STUDENT TO WORK ON PHASE-SPACE DIMENSION OF CHARGED PARTICLE BEAM IN A LINEAR ACCELERATOR TYPE SYSTEM FOR THE PERIOD 02-01-87 THROUGH 06-30-88 AT A TOTAL COST OF \$19,700.00 AWARD # P. O. # 927880, MOD. 1 MSN L&S PHYSICS	(144-Y931)	11,050.00
21.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	GRADUATE RESEARCH FELLOWSHIP SUPPORT GRANT STIPENDS, REGULAR FOR THE PERIOD 06-01-87 THROUGH 05-31-92 AWARD # RCD-8758127 MSN GRAD	(144-Z369)	488,680.00
2)	GRADUATE RESEARCH FELLOWSHIP SUPPORT GRANT COST OF EDUCATION, REGULAR FOR THE PERIOD 06-01-87 THROUGH 05-31-92 AWARD # RCD-8758127 MSN GRAD	(144-Z370)	240,000.00
22.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI MR. & MRS. HARRY A. BULLIS SCHOLARSHIP MSN L&S ECONOMICS	(135-0064)	10,000.00
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ESTHER F. BUTT SCHOLARSHIP IN THE DEPARTMENT OF HISTORY MSN L&S HISTORY	(133-A558)	955.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EGBERT ORCHARD MEMORIAL SCHOLARSHIPS IN AGRICULTURE MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-A583)	3,667.60
25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GEORGE KOEPEL MEMORIAL SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEAN'S OFF (133-A738)	8,650.00
26.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RONALD W. ZINNS MEMORIAL SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEAN'S OFF (133-A739)	8,300.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIP IN MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR (133-A754)	6,050.00
28.	DAUGHTERS OF DEMETER, INC. MADISON, WI DAUGHTERS OF DEMETER SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-A790)	1,075.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RICHARD D. POWELL MEMORIAL AWARD MSN AG&LSC ACAD STU AFF ADM (133-B295)	263.30
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI AUGUST HANKE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM (133-C492)	1,000.63
31.	DRUGGISTS MUTUAL INSURANCE COMPANY ALGONA, IA UNDERGRADUATE SCHOLARSHIPS MSN HS-PHR PHARMACY (133-D109)	500.00
32.	EMPLOYERS INSURANCE OF WAUSAU WAUSAU, WI W. H. BURHOP SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-D878)	5,000.00
33.	WAUKESHA COUNTY PHARMACEUTICAL ASSOCIATION PEWAUKEE, WI UNDERGRADUATE SCHOLARSHIPS MSN HS-PHR PHARMACY (133-D965)	800.00
34.	INSTITUTE OF NUCLEAR POWER OPERATIONS ATLANTA, GA INPO FELLOWSHIP IN NUCLEAR ENGINEERING MSN ENGR NUC ENGR&E PHYSC (133-E059)	19,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FARM AND INDUSTRY SHORT COURSE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM (133-E198)	840.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI O. R. ZEASMAN MEMORIAL SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-E258)	245.77
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NELLIE BUTT FARM AND INDUSTRY SHORT COURSE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM (133-E330)	8,285.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING SCHOLARSHIP FUND MSN ENGR OPERATIONS (133-F731)	750.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FAMILY RESOURCES ALUMNI SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-G466)	1,200.00
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NELLIE M. BUTT SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-G485)	500.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELGEE WILLIAMS MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-G548)	500.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WES HANSCHER MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-G550)	594.79
43.	BAIRD (ROBERT W) & CO., INC. MILWAUKEE, WI ROBERT W. BAIRD & CO. INVESTMENT RESEARCH SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-G584)	1,000.00
44.	WISCONSIN DAIRY HERD IMPROVEMENT COOP MADISON, WI FARM AND INDUSTRY SHORT COURSE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM (133-G614)	300.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HARRY D. TIEMANN MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-G715)	1,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARY ANN BRICHTA SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-G919)	1,900.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ETHEL J. ODEGARD SCHOLARSHIP IN ART MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-H240)	1,000.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARION O. COLE SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-H316)	850.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI A.C. NIELSEN, JR. SCHOLARSHIP MSN L&S COMMUN ARTS	(133-H462)	5,000.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTHUR H. UHL MEMORIAL SCHOLARSHIP FUND MSN HS-PHR PHARMACY	(133-J556)	2,162.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WILLIAM S. APPLE MEMORIAL SCHOLARSHIP FUND MSN HS-PHR PHARMACY	(133-J557)	1,000.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RONALD "BUD" GOGGIN SCHOLARSHIP FUND MSN HS-PHR PHARMACY	(133-J558)	800.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DR. O.N. ALLEN GRADUATE SCHOLARS AWARD MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-J561)	2,000.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI E.I. DU PONT MERIT SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-J562)	1,500.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DOW CHEMICAL COMPANY MERIT SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-J563)	1,500.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CAL'S DEAN'S MERIT SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-J564)	1,500.00



GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GLENN S. POUND SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-J566)	1,500.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DR. GORDON L. DIEWERT MEMORIAL SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEAN'S OFF (133-J783)	500.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WALTER MORTON SCHOLARSHIP FUND MSN L&S ECONOMICS (133-J797)	2,500.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LENORE A. NETZER AND GLEN G. EYE GRADUATE SCHOLARSHIP MSN EDUC GENERAL ADMIN DEAN'S OFF (133-J930)	1,000.00
61.	OSCAR MAYER FOODS CORPORATION MADISON, WI JOB LOCATION AND DEVELOPMENT PROGRAM (JLD)-MATCH MSN AC SVC STU FINAN AIDS STU F AIDS (133-K503)	2,900.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAURENT MAKWARD SCHOLARSHIP MSN L&S AFRIC LANG & LIT AFR L&A CT (133-K718)	600.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SPAEPH MERIT SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-K755)	1,500.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MAY REYNOLDS SCHOLARSHIP MSN FR&CS FAM RSRC&CNM SC ADMIN (133-K762)	400.00
65.	WISCONSIN HOSPITAL ASSOCIATION MADISON, WI WARREN R VON EHREN SCHOLARSHIP MSN HS-MED PREVENTIVE MED (133-K801)	1,000.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN OF STUDENTS EMERGENCY FUND MSN G E A DEAN OF STUDENTS ADMIN (133-L007)	2,500.00
67.	COMMITTEE ON INSTITUTIONAL COOPERATION CHAMPAIGN, IL 1987-88 CIC FELLOWSHIPS MSN GRAD (133-L973)	37,500.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FERDINAND C. PLAENERT SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-L998)	5,500.00
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHARLES L. REAM SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-L999)	1,200.00
70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARIE THORSEN AUSTIN SCHOLARHSIP MSN EDUC GENERAL ADMIN DEAN'S OFF (133-M006)	500.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MILDRED MURDOCK BECK SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-M050)	350.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF PHARMACY UNDERGRADUATE SCHOLARSHIP FUND MSN HS-PHR PHARMACY (133-1078)	250.00
73.	WEST SIDE GARDEN CLUB MADISON, WI LONGNECKER SCHOLARSHIP IN THE FIELD OF LANDSCAPE ARCHITECTURE MSN AG&LSC ACAD STU AFF ADM (133-2076)	200.00
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALTA T. AND DANIEL B. STRALEY SCHOLARSHIP FOR ASSISTING STUDENTS INTERESTED IN BECOMING TEACHERS MSN EDUC GENERAL ADMIN DEAN'S OFF (133-3563)	1,350.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HATTIE B. GOESSLING SCHOLARSHIP IN NUTRITIONAL SCIENCE MSN AG&LSC ACAD STU AFF ADM (133-3661)	5,000.00
76.	WISCONSIN LIVESTOCK & MEAT COUNCIL MADISON, WI UNDERGRADUATE SCHOLARSHIPS TO STUDENT PURSUING COURSES OF STUDY RELATED TO MEAT AND ANIMAL SCIENCE MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-6385)	6,850.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BRADFORD B. RICHMOND SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM (133-6644)	6,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

78.	STEENBOCK (HARRY) ESTATE MADISON, WI STEENBOCK SCHOLARSHIPS FOR STUDENTS FROM NEW HOLSTEIN AND CHILTON HIGH SCHOOLS MSN G SERV FELLOWS & SCHOLS	(133-7325)	13,100.00
79.	THE PRINCIPAL FINANCIAL GROUP DES MOINES, IA UNDERGRADUATE ACTUARIAL SCHOLARSHIP FUND-HIGH SCHOOL SCHOLARSHIP PROGRAM MSN BUS SCH OF BUSINESS	(133-8377)	1,600.00
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI A. GERTRUDE ANTHONY SCHOLARSHIP IN THE SCHOOL OF EDUCATION MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-8700)	3,100.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANNE L. MARCH SCHOLARSHIP IN THE SCHOOL OF EDUCATION MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-8701)	975.00
82.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GERTRUDE ANTHONY SCHOLARSHIP IN THE DEPARTMENT OF HOME MANAGEMENT AND FAMILY LIVING MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-8878)	5,580.00
83.	MULTIPLE DONORS HENRY M. CASTELLO, M.D. MEMORIAL AWARD MSN HS-MED ADMINISTRATION DEANS OFFC	(133-9147)	200.00
84.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARION BALDWIN SCHLEICHER MEMORIAL FUND SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-9949)	500.00

## UNRESTRICTED

1.	COMPUTERIZED STRUCTURAL DESIGN, INC. MILWAUKEE, WI UNRESTRICTED GRANT FOR ELASTIC - PLASTIC FRACTURE MECHANICS RESEARCH MSN ENGR ENGR MECHANICS	(133-M104)	4,418.00
----	---	------------	----------

TOTAL MADISON	15,902,807.72
---------------	---------------

=====

EXTENSION AND PUBLIC SERVICE	76,894.53
INSTRUCTION	353,551.06
LIBRARIES	127,320.47
MISCELLANEOUS	991,533.16
RESEARCH	13,297,087.88
STUDENT AID	1,052,002.62
UNRESTRICTED	4,418.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - MILWAUKEE

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) A DOMESTIC/INTERNATIONAL FIELD CENTER FOR  
INTERCULTURAL EDUCATION IN BUILT ENVIRONMENT  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # GOO8541026  
MIL GRAD URBAN RESRCH CTR (144-Z911) 79,723.00
  - 2) UPWARD BOUND  
FOR THE PERIOD 10-01-87 THROUGH 09-30-88  
AWARD # GOO8640533  
MIL AC AFF STU ACAD SUPPORT (144-Z913) 153,000.00
  - 3) SPECIAL SERVICES FOR DISADVANTAGED STUDENTS  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # GOO8740638  
MIL AC AFF DEPT OF ED OPPOR (144-Z933) 114,147.00
2. WISCONSIN ARTS BOARD  
MADISON, WI  
PRIME CONTRACTOR WITH NEA  
REALISMS - AN EXHIBITION  
FOR THE PERIOD 03-01-88 THROUGH 04-15-88  
AWARD # 189-4525  
MIL F ARTS UWM ART MUSEUM ART MUSEUM (144-Z960) 2,500.00
3. INDIANA UNIVERSITY  
(P/C MUCIA/MALAYSIA)  
BLOOMINGTON, IN  
PERSONNEL SERVICES AGREEMENT  
AWARD # P.O. 1606-2071-A2  
MIL L&S SOCIOLOGY (133-K614) 40,884.30
4. INDIANA UNIVERSITY  
(P/C MUCIA/MALAYSIA)  
BLOOMINGTON, IN  
PERSONNEL SERVICES AGREEMENT  
AWARD # P.O. 1606-2071, AMEND. #2  
MIL ENG&AS ELEC ENGR&COMP S (133-L997) 62,486.06
5. WISCONSIN STATE COUNCIL ON ECONOMIC EDUCATION  
MILWAUKEE, WI  
SUPPORT OF ECONOMIC EDUCATION PROGRAM DEVELOPMENT  
AND RELATED ACTIVITY  
MIL L&S ECONOMIC EDUC (133-4849) 1,000.00

## MISCELLANEOUS

1. UWM FOUNDATION  
MILWAUKEE, WI  
1987/88 BUDGETED EXPENDITURES  
MIL U REL A CHANC-GOVT,COM (133-D742) 104,500.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## MISCELLANEOUS

2. UWM FOUNDATION  
MILWAUKEE, WI  
WORLD CITIES COMPETITION  
FOR THE PERIOD 06/01/87 THROUGH 06/30/89  
MIL ARC&UP ADMINISTRATION ADMIN (133-L783) 20,000.00

## RESEARCH

1. AGRIC, FOREST SERVICE  
RHINELANDER, WI  
ARCHAEOLOGICAL EVALUATION OF TEN PREHISTORIC  
SITES, OCONTO COUNTY, WISCONSIN  
FOR THE PERIOD 06-03-87 THROUGH 05-01-88  
AWARD # 53-56A6-7-00068, MOD. 1  
MIL L&S ANTHROPOLOGY (144-Z470) 3,057.00

2. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
STEREOSPECIFIC APPROACH TO MACROLINE-RELATED  
ALKALOIDS  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # 5R01 NS22287-02  
MIL L&S CHEMISTRY (144-Z892) 58,046.00

3. IIT RESEARCH INSTITUTE  
CHICAGO, IL  
PRIME CONTRACTOR WITH DOD NAVY  
EFFECT OF ELF FIELDS ON SELECTED WETLAND FUNCTIONS  
ELF COMMUNICATIONS PROGRAM-ENVIRONMENTAL  
MONITORING PROGRAM  
FOR THE PERIOD 11-01-85 THROUGH 10-31-87  
AWARD # E06549-84-C-008-MOD 8  
MIL L&S BIOLOGICAL SCI (144-X362) 16,487.00

4. UNIVERSITY CITY SCIENCE CENTER  
PHILADELPHIA, PA  
PRIME CONTRACTOR WITH DOE  
ESTABLISHMENT OF ENERGY ANALYSIS AND DIAGNOSTIC  
CENTER  
FOR THE PERIOD 10-15-86 THROUGH 09-30-87  
AWARD # DE-FC01-84CE40699 MOD 1  
MIL ENG&AS IND & SYSTS ENGR (144-Y743) 15,000.00

5. STATE HISTORICAL SOCIETY OF WISCONSIN  
MADISON, WI  
PRIME CONTRACTOR WITH INTER  
1987-88 REGIONAL ARCHAEOLOGY IN SOUTHEAST  
WISCONSIN  
FOR THE PERIOD 06-23-87 THROUGH 07-15-88  
AWARD # P.O. HSH 3261  
MIL L&S ANTHROPOLOGY (144-Z664) 800.00

6. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
MICROFINE CEMENT GROUT FOR THE REPAIR OF SEWER  
SYSTEMS (CREATIVITY AWARD IN GRADUATE ENGINEERING)  
FOR THE PERIOD 09-01-87 THROUGH 02-28-89  
AWARD # ENG-8710365  
MIL ENG&AS CIVIL ENGINEER'G (144-Z872) 30,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

7.	CONSULTATION AND SURFACE ANALYSIS FOR THE PERIOD 04/01/87 THROUGH 06/30/87 MIL L&S      PHYSICS      (133-E596)	
	975.00      MIDWEST RESEARCH MICROSCOPY MILWAUKEE, WI	
	400.00      MIDWEST THIN FILMS MILWAUKEE, WI	
		1,375.00
8.	WI DEPT OF NATURAL RESOURCES MADISON, WI EN MASSE PRODUCTION OF METHYTESTERONE STERILIZED CHINOOK SALMON TO ENHANCE THE TROPHY FISHING OPPORTUNITIES ON LAKE MICHIGAN FOR THE PERIOD 09/12/85 THROUGH 08/31/88 AWARD # P.O. NRH95649 MIL GRAD    GT LKS ST, CTR F      (133-H683)	15,770.00
9.	WISCONSIN ELECTRIC POWER CO. MILWAUKEE, WI A STUDY OF COMBUSTION AIR FLOW MEASUREMENT AND HEAT TRANSFER ASPECTS OF A UNIQUE BOILER DESIGN MIL ENG&AS MECHANICAL ENGR      (133-J640)	22,000.00
10.	FROEDTERT MEMORIAL LUTHERAN HOSPITAL MILWAUKEE, WI MILWAUKEE RESEARCH FACILITATION FOR THE PERIOD 08/24/87 THROUGH 05/22/88 MIL NURS    HLTH RESTORATION      (133-K707)	9,723.00
11.	FLOW SYSTEMS INC. KENT, WA STIPEND FOR DISCRETIONARY RESEARCH PURPOSES MIL ENG&AS ADMINISTRATION      (133-K994)	2,000.00
12.	AMOCO NAPERVILLE, IL PROVIDE CELLS OF METHYLOSINUS TRICHOSPORIUM AWARD # P.O. 99-6-84084-046 MIL GRAD    GT LKS ST, CTR F      (133-L580)	2,050.00
13.	WISCONSIN DEPT. OF NATURAL RESOURCES MADISON, WI DIGITAL SIMULATION OF SALUTE TRANSPORT TO GREEN BAY AND LAKE MICHIGAN BY GROUND WATER FROM DOOR COUNTY, WISCONSIN AWARD # P.O. NRH95146 MIL L&S      GEOL&GEOPH SCI'S      (133-M039)	20,200.00
14.	HUNTON & WILLIAMS (UTILITY WATER ACT GROUP) WASHINGTON, DC A COMPARISON OF CONTINUOUS AND INTERMITTENT EXPOSURES OF FOUR SPECIES OF AQUATIC ORGANISMS TO CHLORINE MIL GRAD    GT LKS ST, CTR F      (133-M075)	216,453.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

15.	CHILDREN'S HOSPITAL OF WISCONSIN MILWAUKEE, WI RESEARCH FACILITATION FOR THE PERIOD 08/24/87 THROUGH 05/22/88 MIL NURS ADMIN DEAN (133-M099)	11,480.00
16.	E. ALEXANDER HILL MILWAUKEE, WI UNRESTRICTED RESEARCH GRANT MIL L&S CHEMISTRY (133-8721)	646.91
17.	COMPUTERIZED STRUCTURAL DESIGN MILWAUKEE, WI CYCLIC DIAPHRAM TEST AWARD # CHECK #023834 MIL ENG&AS CIVIL ENGINEER'G (133-9372)	3,200.00

## STUDENT AID

1.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC NSF GRADUATE FELLOWSHIP FOR THE PERIOD 06-01-87 THROUGH 05-31-92 AWARD # RCD-8758128 MIL GRAD DEAN'S OFFICE (144-Z724)	18,300.00
2.	WAUSAU INSURANCE COMPANIES WAUSAU, WI OCCUPATIONAL HEALTH NURSING SCHOLARSHIP MIL NURS ADMIN DEAN (133-D725)	5,000.00
3.	HERBERT TURK MENDOTA, IL GIFTS TO UWM TRACK & CROSS COUNTRY MIL STU AF INTRCOL ATHL-MEN CROS CNTRY (133-D743)	150.00
4.	ST. MARY'S HOSPITAL MILWAUKEE, WI INTERNSHIP IN HEALTH SCIENCES LIBRARIANSHIP FOR THE PERIOD 09/01/87 THROUGH 05/31/88 MIL L&I SC SCH-LIB&INF SCI (133-K729)	4,000.00

TOTAL MILWAUKEE 1,033,978.27

=====

INSTRUCTION	453,740.36
MISCELLANEOUS	124,500.00
RESEARCH	428,287.91
STUDENT AID	27,450.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - EAU CLAIRE

INSTRUCTION

1. EDUCATION, DEPT OF WASHINGTON, DC SUMMER SCIENCE WORKSHOP FOR MIDDLE SCHOOL TEACHERS FOR THE PERIOD 06-01-87 THROUGH 06-30-87 AWARD # F002469 EAU ART&SC PHYS & ASTRONOMY	(144-8021)	2,790.00
---	------------	----------

RESEARCH

1. NATIONAL SCIENCE FOUNDATION WASHINGTON, DC INDIRECT CALCUALTION OF LAMB SHIFTS IN THREE ELECTRON ATOMS FOR THE PERIOD 08-01-87 THROUGH 01-31-89 AWARD # PHY-8704125 EAU ART&SC CHEMISTRY	(144-7035)	15,700.00
2. WI DEPT OF NATURAL RESOURCES MADISON, WI DISTRIBUTION AND POTENTIAL COURSES OF VOC & CHROMIUM CONTAMINATION/VIC MILL RUN FOR THE PERIOD 06-20-87 THRU 06-30-88 AWARD # NRH-95462 EAU ART&SC DEAN-ARTS & SCI	(133-8005)	10,622.00
3. WI DEPT OF NATURAL RESOURCES MADISON, WI SQUAW LAKE MAP PROJECT FOR THE PERIOD 02-03-87 THRU 12-31-87 AWARD # NRG 91523 EAU ART&SC GEOGRAPHY	(133-8022)	3,834.00

TOTAL EAU CLAIRE		32,946.00
		=====

INSTRUCTION	2,790.00
RESEARCH	30,156.00



GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - GREEN BAY

MISCELLANEOUS

1. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COFRIN MEMORIAL ARBORETUM GBY FCL PL ADMINISTRATION	(133-B653)	5,137.20
--	------------	----------

RESEARCH

1. MCINTOSH, DR. ELAINE GREEN BAY, WI RESEARCH/WRITING PROJECT IN THE AREA OF NUTRITION, DIET AND HEALTH GBY H BIOL HUMAN BIOLOGY	(133-M086)	300.00
---	------------	--------

TOTAL GREEN BAY		5,437.20
		=====

MISCELLANEOUS	5,137.20
RESEARCH	300.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - LACROSSE

## EXTENSION AND PUBLIC SERVICE

1. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
LECTURE BY ANTHROPOLOGIST NANCY LURIE  
FOR THE PERIOD 08-01-87 THROUGH 10-31-87  
AWARD # FY87-28(H)  
LAC EX DIV DEVELOPMENT OFF DEVEL OFF (144-0520) 400.00
2. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
GRANT FOR SYMPOSIUM ON CONSTITUTIONAL  
HISTORY AND ISSUES  
FOR THE PERIOD 06-15-87 THROUGH 04-30-88  
AWARD # FY87-14(L)  
LAC L&S HISTORY (144-4906) 6,165.00
3. WISCONSIN ASSOCIATION FOR HEALTH, PHYSICAL  
EDUCATION, RECREATION & DANCE  
MADISON, WI  
AGREEMENT TO LOCATE WAHPERD EXECUTIVE  
OFFICE TO LA CROSSE  
FOR THE PERIOD 07-01-87 THRU 06-30-88  
LAC H,PE&R PHYSICAL EDUC (133-2504) 18,000.00
4. GUNDERSEN CLINIC  
LA CROSSE, WI  
GRADUATE ASSISTANT REHABILITATION WORK  
WITH CARDIAC PATIENTS  
FOR THE PERIOD 06-01-87 THRU 05-31-88  
LAC H,PE&R LAC EXERCISE PRG (133-2708) 17,393.00
5. MULTIPLE DONORS  
LA CROSSE, WI  
PUBLIC RADIO FUND RAISING FOR FY 1988  
FOR THE PERIOD 07-01-87 THRU 06-30-88  
LAC L&S MASS COMMUNICATNS (133-6312) 33,852.00
6. CORPORATION FOR PUBLIC BROADCASTING  
WASHINGTON, DC  
1987-88 PUBLIC RADIO GRANT  
FOR THE PERIOD 10-01-87 THRU 09-30-88  
AWARD # R10150  
LAC L&S MASS COMMUNICATNS (133-6314) 82,264.00
7. WISCONSIN STATE COUNCIL - TROUT UNLIMITED  
MILWAUKEE, WI  
GRANT TO UNDERWRITE CONFERENCE  
ON SPORT FISHING  
FOR THE PERIOD 07-01-87 THRU 06-30-88  
LAC L&S PSYCHOLOGY (133-7807) 2,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - LACROSSE

INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) 1987-88 TEACHER PREPARATION GRANT FOR  
ADAPTED PHYSICAL EDUCATION  
FOR THE PERIOD 06-01-87 THROUGH 05-31-88  
AWARD # GO08535117  
LAC H, PE&R SP POPULATN PRGS SP POP PRG (144-2911) 64,228.00
  - 2) 1987-88 UPWARD BOUND PROJECT  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # GO08640526  
LAC AC DEV MINORITY AFFAIRS (144-3010) 178,482.00
2. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) NSF EQUIPMENT GRANT  
FOR THE PERIOD 06-15-87 THROUGH 09-30-89  
AWARD # CSI-8750784  
LAC L&S BIOL & MICROBIOL (144-1621) 47,310.00
  - 2) NSF EQUIPMENT GRANT FOR COMPUTER SCIENCE  
FOR THE PERIOD 05-01-87 THROUGH 10-31-89  
AWARD # CSI-8750820  
LAC L&S COMPUTER SCIENCE (144-2515) 50,000.00
3. NORTHERN STATES POWER CO &  
DAIRYLAND POWER COOPERATIVE  
LA CROSSE, WI  
GRANT TO CONDUCT IN-SERVICE CLASS FOR  
TEACHERS ON NUCLEAR POWER  
FOR THE PERIOD 07-01-87 THRU 06-30-88  
LAC EX DIV EXTENDED SVCS EXT SVCS (133-0631) 6,500.00
4. MIDWEST UNIVERSITY CONSORTIUM FOR INTERNATIONAL  
ACTIVITES  
BLOOMINGTON, IN  
MUCIA CONTRACT FOR TEACHING IN MALAYSIA  
FOR THE PERIOD 05-01-87 THRU 12-31-87  
AWARD # 1606-2072  
LAC L&S BIOL & MICROBIOL (133-1620) 36,309.00
5. LA CROSSE FOUNDATION  
LA CROSSE, WI  
1987 SUMMER HUMANITIES INSTITUTE FOR TEACHERS  
FOR THE PERIOD 07-01-87 THRU 12-31-87  
AWARD # 20-0566-00  
LAC L&S HISTORY (133-4926) 575.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - LACROSSE

## MISCELLANEOUS

1. AGRICULTURE, DEPT. OF  
WASHINGTON, DC  
USDA SUBSIDY FOR CHILD CARE CENTER MEALS  
FOR THE PERIOD 04-01-87 THROUGH 06-30-87  
LAC AC DEV CHILD CARE FAC (144-0501) 2,457.00
2. U W - LA CROSSE FOUNDATION  
LA CROSSE, WI  
SUPPORT FOR UNIVERSITY FUND RAISING  
FOR THE PERIOD 07-01-87 THRU 06-30-88  
LAC EX DIV DEVELOPMENT OFF DEVEL OFF (133-0502) 38,855.00

## PHYSICAL PLANT

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
INTEREST SUBSIDY GRANT ON ACADEMIC BUILDINGS  
FOR THE PERIOD 04-01-86 THROUGH 03-31-87  
AWARD # 00671-00613  
LAC UNIV-W DEBT SV AC BLDGS (144-6000) 54,313.00

## RESEARCH

1. STATE HISTORICAL SOCIETY  
MADISON, WI  
PRIME CONTRACTOR WITH INTER  
1987-88 REGIONAL ARCHAEOLOGY GRANT  
FOR THE PERIOD 07-15-87 THROUGH 07-14-88  
AWARD # HSG 1801  
LAC L&S SOCIOL & ANTHROP (144-8825) 11,319.00
2. NORPLEX/OAK  
LA CROSSE, WI  
MARKETING SURVEY CONTRACT  
FOR THE PERIOD 04-01-87 THRU 06-30-87  
AWARD # 48436  
LAC BUS AD DEANS OFFICE DEANS OFF (133-0105) 930.00
3. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
RESEARCH ON MERCURY CONTAMINATION  
IN RIVERS  
FOR THE PERIOD 04-22-87 THRU 06-30-87  
AWARD # NRG 92257  
LAC L&S BIOL & MICROBIOL (133-1627) 950.00
4. TROUT UNLIMITED STATE COUNCIL  
MILWAUKEE, WI  
RESEARCH ON TROUT FISHERMAN  
FOR THE PERIOD 07-01-87 THRU 06-30-88  
LAC L&S PSYCHOLOGY (133-7805) 1,050.00
5. MULTIPLE DONORS  
LA CROSSE, WI  
FUND RAISING FOR MISSISSIPPI VALLEY  
ARCHAEOLOGY CENTER  
FOR THE PERIOD 07-01-87 THRU 06-30-88  
LAC L&S SOCIOL & ANTHROP (133-8822) 40,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - LACROSSE

RESEARCH

- 6. UNIVERSAL TELEPHONE, INC  
MILWAUKEE, WI  
ARCHAEOLOGY SURVEY IN VILAS COUNTY  
FOR THE PERIOD 07-01-87 THRU 12-31-87  
LAC L&S SOCIOL & ANTHROP (133-8826) 7,900.00
  
- 7. DAIRYLAND POWER COOPERATIVE  
LA CROSSE, WI  
ARCHAEOLOGY SURVEY AT THE JIM BRAUN SITE  
FOR THE PERIOD 05-26-87 THRU 08-01-87  
AWARD # 014 8701619  
LAC L&S SOCIOL & ANTHROP (133-8850) 1,200.00
  
- 8. WISCONSIN RIVER POWER CO.  
WISCONSIN RAPIDS, WI  
ARCHAEOLOGY PHASE II EXCAVATION AT  
DELLWOOD, WI  
FOR THE PERIOD 06-01-87 THRU 07-31-87  
LAC L&S SOCIOL & ANTHROP (133-8851) 900.00
  
- 9. JACKSON COUNTY  
BLACK RIVER FALLS, WI  
ARCHAEOLOGY SURVEY ON LAKE ARBUTUS  
FOR THE PERIOD 07-01-87 THRU 12-31-87  
LAC L&S SOCIOL & ANTHROP (133-8853) 675.00
  
- 10. LA CROSSE COUNTY  
LA CROSSE, WI  
ARCHAEOLOGY EXCAVATION ALONG  
COUNTY HIGHWAY Z  
FOR THE PERIOD 04-01-87 THRU 12-31-87  
LAC L&S SOCIOL & ANTHROP (133-8854) 27,927.00
  
- 11. DASSOW & HERMAN  
WISCONSIN RAPIDS, WI  
SHADY LANE ARCHAEOLOGY SURVEY  
FOR THE PERIOD 04-15-87 THRU 06-30-87  
LAC L&S SOCIOL & ANTHROP (133-8858) 500.00

STUDENT AID

- 1. INCOME TO BE USED FOR SCHOLARSHIPS AT  
UNIVERSITY OF WISCONSIN-LA CROSSE  
WILDER, EMMA L. (LAC)  
LAC EX DIV CHANCELLORS OFF ( TRUST )

TOTAL LACROSSE 732,454.00  
=====

EXTENSION AND PUBLIC SERVICE	160,074.00
INSTRUCTION	383,404.00
MISCELLANEOUS	41,312.00
PHYSICAL PLANT	54,313.00
RESEARCH	93,351.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - PARKSIDE

GIFT-IN-KIND

1. QUICK-CABLE CORPORATION  
RACINE, WI  
COMPUTER, DISC DRIVE, MAGNETIC TAPE CARTRIDGE  
DRIVE, VIDEO DISPLAY TERMINAL AND MANUALS  
PKS MOD IN ENGINEERING SCI ADMIN

MISCELLANEOUS

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
SPECIAL SERVICES PROJECT FOR DISADVANTAGED  
STUDENTS  
FOR THE PERIOD 08-01-87 THROUGH 07-31-88  
AWARD # GOO8740429  
PKS G E A NEW ACAD PROG DV CHAMP PROG (144-Z905) 90,648.00
2. MULTIPLE DONORS  
REPAIR AND MAINTENANCE OF SCIENCE DIVISION  
EQUIPMENT  
PKS SC&SOC SCIENCE ADMIN (133-H334) 100.00
3. MULTIPLE DONORS  
THE BICENTENNIAL OF THE U.S. CONSTITUTION  
CONFERENCE  
PKS SC&SOC EDUCATION (133-M056) 150.00
4. UNIVERSITY OF WISCONSIN - PARKSIDE  
BENEVOLENT FOUNDATION  
KENOSHA, WI  
EDUCATION DIVISION GENERAL FUND  
PKS BUS SV FELLOWS & SCHOLS (133-M068) 485.00
5. UNIVERSITY OF WISCONSIN - PARKSIDE  
BENEVOLENT FOUNDATION  
KENOSHA, WI  
BEHAVIORAL SCIENCE DIVISION GENERAL FUND  
PKS BUS SV FELLOWS & SCHOLS (133-M069) 400.00
6. UNIVERSITY OF WISCONSIN - PARKSIDE  
BENEVOLENT FOUNDATION  
KENOSHA, WI  
SOCIAL SCIENCE DIVISION GENERAL FUND  
PKS BUS SV FELLOWS & SCHOLS (133-M070) 675.00
7. UNIVERSITY OF WISCONSIN - PARKSIDE  
BENEVOLENT FOUNDATION  
KENOSHA, WI  
FINE ARTS DIVISION GENERAL FUND  
PKS BUS SV FELLOWS & SCHOLS (133-M071) 580.00
8. UNIVERSITY OF WISCONSIN - PARKSIDE  
BENEVOLENT FOUNDATION  
KENOSHA, WI  
HUMANITIES DIVISION GENERAL FUND  
PKS BUS SV FELLOWS & SCHOLS (133-M072) 350.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - PARKSIDE

## MISCELLANEOUS

9. UNIVERSITY OF WISCONSIN - PARKSIDE  
BENEVOLENT FOUNDATION  
KENOSHA, WI  
BUSINESS AND ADMINISTRATIVE SCIENCE  
DIVISION GENERAL FUND  
PKS BUS SV FELLOWS & SCHOLS (133-M073) 2,197.00
10. UNIVERSITY OF WISCONSIN - PARKSIDE  
BENEVOLENT FOUNDATION, INC.  
KENOSHA, WI  
ENGINEERING SCIENCE DIVISION GENERAL FUND  
PKS BUS SV FELLOWS & SCHOLS (133-M074) 1,967.39
11. MULTIPLE DONORS  
CENTER FOR SURVEY AND MARKETING RESEARCH  
PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-M131) 500.00

## RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
MOLECULAR REGULATION OF CROWN GALL TUMOR GROWTH  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # 5 R01 GM32938-05  
PKS SC&SOC SCIENCE BIOLOG SCI (144-Z954) 53,476.00
2. DOD, NAVY  
WASHINGTON, DC  
INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # AGR DTD 08-20-87  
PKS SC&SOC SCIENCE PHYSICS (144-Z959) 32,178.42
3. IIT RESEARCH INSTITUTE  
WASHINGTON, DC  
PRIME CONTRACTOR WITH DOD NAVY  
A STUDY ON THE EFFECTS OF EXPOSING THE SLIME MOLD  
PHYSARUM POLYCEPHALEN TO ELECTROMAGNETIC FIELDS AT  
THE CLAM LAKE TEST FACILITY  
FOR THE PERIOD 04-09-84 THROUGH 10-31-87  
AT A TOTAL COST OF \$360,964.00  
AWARD # EO6549-84-C-009, MOD. 7  
PKS SC&SOC SCIENCE BIOLOG SCI (144-U361) 15,442.00
4. MAINE (STATE OF)  
STATE DEVELOPMENT OFFICE  
AUGUSTA, ME  
SYSTEM TO MEASURE ECONOMIC IMPACT OF TRAVEL &  
TOURISM ACTIVITY IN STATE OF MAINE USING TRAITS II  
ECONOMIC IMPACT MODEL FOR THE PERIOD 07-01-85 THRU  
06-30-88  
PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-J335) 35,058.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - PARKSIDE

## STUDENT AID

1.	UW-PARKSIDE BENEVOLENT FOUNDATION KENOSHA, WI MOLINARO, GEORGE AND MADELEINE--SCHOLARSHIP (PKS) PKS BUS SV FELLOWS & SCHOLS	( TRUST )	162.32
2.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-86 THROUGH 06-30-87 AT A TOTAL COST OF \$1,000,429.00 AWARD # PO08703238, MOD. 7 PKS BUS SV FELLOWS & SCHOLS	( 148-G087 )	1,994.00
3.	MULTIPLE DONORS MUSIC SCHOLARSHIPS PKS BUS SV FELLOWS & SCHOLS	( 133-C489 )	666.01
4.	MULTIPLE DONORS ACCOUNTING PROGRAM SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS	( 133-G954 )	140.00
5.	MULTIPLE DONORS ENGLISH SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS	( 133-J044 )	862.00
6.	MULTIPLE DONORS ATHLETIC SCHOLARSHIPS OR OTHER SCHOLARSHIPS AND TO DEFRAY COST OF TUITION, BOOKS, AND SUPPLIES AT THE DISCRETION OF THE ATHLETIC DIRECTOR PKS ATH& I ATHLETICS                    PROG DIR	( 133-7806 )	50.00
7.	MULTIPLE DONORS PARKSIDE SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS	( 133-9472 )	1,100.00
	TOTAL PARKSIDE		239,181.14 =====
	MISCELLANEOUS		98,052.39
	RESEARCH		136,154.42
	STUDENT AID		4,974.33



GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - RIVER FALLS

INSTRUCTION

1. WALKER ART CENTER MINNEAPOLIS, MN CONTRIBUTION FOR MUSIC ENEMBLE FOR THE PERIOD 07-01-87 THRU 06-30-88 RVF ART&SC MUSIC	(133-0710)	300.00
--	------------	--------

STUDENT AID

1. THE RIGGS NATIONAL BANK-LEW COIT TRUST WASHINGTON, DC SCHOLARSHIPS FOR QUALIFIED INDIVIDUALS FOR THE PERIOD 07-01-87 THRU 06-30-88 RVF ST AST MISC OTHER	(133-0649)	4,068.82
TOTAL RIVER FALLS		4,368.82 =====

INSTRUCTION	300.00
STUDENT AID	4,068.82

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - STOUT

## EXTENSION AND PUBLIC SERVICE

1. DOLE FOUNDATION  
WASHINGTON, DC  
PROJECTS WITH INDUSTRY: JOB PLACEMENT SERVICES  
FOR PERSONS WITH DISABILITIES IN FIVE NORTHWESTERN  
WISCONSIN COUNTIES  
FOR THE PERIOD 04-01-87 THRU 03-31-88  
AWARD # 4308-1-A-88  
STO ED&H S CLIENT SVCS INST PR INDUST (144-0365) 34,295.00
2. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
DEVELOPMENT OF INTERACTIVE VIDEO AND MEDIATED  
INSTRUCTION FOR METHODS OF VOCATIONAL EDUCATION  
COURSE IN THE SPIRAL CURRICULUM  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 30-102-150-408  
STO I&TECH IND & MARKETG ED (144-0550) 30,222.00

## GIFT-IN-KIND

1. EPA AUDIO VISUAL, INC.  
ROCKFORD, MN  
SONY BETA DECK MODEL SLD 325  
STO LIB RE INSTR TECH SVC
2. DOMAIN, INC.  
NEW RICHMOND, WI  
LIEBERT COMPUTER ROOM AIR CONDITIONING UNIT  
COMPLETE WITH COOLING, HEATING, DEHUMIDIFICATION  
AND HUMIDIFICATION CAPABILITIES, CONDENSATE PUMP  
AND PIPING, AND SECTION OF RAISED FLOORING W/ UNIT  
STO PP M&O
3. SCREEN PROCESS SPECIALISTS, LTD.  
PLYMOUTH, WI  
20 GALLONS OF SCREEN PRINTING INK.  
STO I&TECH GRAPHIC COMMUNIC
4. CONWAY QUALITY, INC.  
MASHAU, NH  
"BILL CONWAY AT DOW CHEMICAL" VIDEOTAPES AND  
TRAINING TAPES IN QUALITY MANAGEMENT AND SYSTEMS  
STO I&TECH INDUSTRIAL MGMNT
5. THE JAPAN FOUNDATION  
TOKYO, JAPAN  
135 BOOKS ON JAPANESE HISTORY, POLITICAL SCIENCE,  
LAW, ECONOMICS, AND BUSINESS.  
STO LIB RE LIBR LEARN CTR

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - STOUT

INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) UNDERGRADUATE INTERNATIONAL STUDIES AND  
FOREIGN LANGUAGE PROGRAM  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # GO08740503  
STO LIB ST SOCIAL SCIENCE (144-0473) 45,000.00
  - 2) LONG-TERM TEACHING GRANT AND TRAINEESHIP IN WORK  
EVALUATION AND WORK ADJUSTMENT  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # GO085600176  
STO ED&H S REHABILITATION (144-0509) 15,012.00
  - 3) TRAINING PROGRAM FOR A SPECIAL NEEDS CONCENTRATION  
IN THE MASTER OF SCIENCE FOR VOCATIONAL  
EDUCATION PROGRAM  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # GO08635075  
STO ED&H S EDUCATION (144-0512) 47,448.00
  - 4) HANDICAPPED PERSONNEL PREPARATION TO PROVIDE  
TRAINING FOR SECONDARY SPECIAL EDUCATORS BY USING  
A TRANSDISCIPLINARY MODEL AT UW - STOUT  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # GO08630464  
STO ED&H S EDUCATION (144-0540) 23,000.00
  - 5) TRAINING OF REHABILITATION TECHNOLOGY SPECIALISTS  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # GO58600185  
STO ED&H S INSTIT RES & DEV REHAB TECH (144-0622) 87,000.00

RESEARCH

1. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
FUNDS NEEDED TO COMPLETE DATA ANALYSIS AND FINAL  
REPORT FOR VTAE STAFF TRAINING NEEDS  
ASSESSMENT PROJECT  
FOR THE PERIOD 07-01-87 THROUGH 09-01-87  
AWARD # 30-701-150-308  
STO I&TECH CTR FOR VTAE CVTAE-RES (144-0549) 2,490.00
2. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
CVTAE ENTREPRENEURSHIP PROJECT: A SURVEY OF  
VTAE GRADUATES TO DETERMINE THEIR KNOWLEDGE,  
SKILLS, AND ATTITUDES RELATED TO ENTREPRENEURSHIP  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # 30-101-150-308  
STO I&TECH CTR FOR VTAE CVTAE-RES (144-0703) 25,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - STOUT

## RESEARCH

3. HOEGANAES CORPORATION  
RIVERTON, NJ  
ASSIST HOEGANAES WITH THE DEVELOPMENT OF  
CHEMICALLY DERIVED METAL OR METAL OXIDE  
COATINGS ON METALLIC POWDER THROUGH THE CENTER  
FOR INNOVATION AND DEVELOPMENT  
FOR THE PERIOD 09-01-87 THRU 08-31-88  
STO I&TECH CTR INVNTN&DEVEL (133-0384) 85,183.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:

1) GRADUATE STUDENT SUPPORT FOR THE LONG-TERM  
TEACHING AND TRAINEESHIP IN WORK EVALUATION  
AND WORK ADJUSTMENT PROJECT  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # G058600176  
STO ED&H S REHABILITATION (144-0510) 84,988.00

2) PROJECT ASPIRE: TO PROVIDE ACADEMIC  
SUPPORT SERVICES TO LOW INCOME, FIRST  
GENERATION, OR PHYSICALLY HANDICAPPED  
COLLEGE STUDENTS  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # G008740636  
STO G E A STU AFF & COUNSL A CH-ST SV (144-0518) 116,106.00

3) HANDICAPPED PERSONNEL PREPARATION TO PROVIDE  
TRAINING FOR SECONDARY SPECIAL EDUCATORS BY USING  
A TRANSDISCIPLINARY MODEL AT UW - STOUT  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # G008630464  
STO ED&H S EDUCATION (144-0546) 12,000.00

TOTAL STOUT 607,744.00  
=====

EXTENSION AND PUBLIC SERVICE 64,517.00  
INSTRUCTION 217,460.00  
RESEARCH 112,673.00  
STUDENT AID 213,094.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - SUPERIOR

## GIFT-IN-KIND

1. IOWA STATE UNIVERSITY ACHIEVEMENT FOUNDATION  
AMES, IA  
200 ACRES OF LAND LOCATED IN SECTION 30, TOWNSHIP  
50 NORTH, RANGE 8 WEST BAYFIELD COUNTY, WISCONSIN  
TO BE USED FOR RESEARCH PURPOSES.  
SUP G E A CHANCELLORS OFF

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
SPECIAL SERVICES FOR DISADVANTAGED STUDENTS  
FOR THE PERIOD 09-02-87 THROUGH 05-28-88  
AWARD # G008740633  
SUP ST A&C STUDENT SERVICES (144-0360) 96,715.00
2. DULUTH-SUPERIOR AREA COMMUNITY FOUNDATION  
DULUTH, MN  
NORMAN DELLO JOIO COMPOSER IN RESIDENCE  
FOR THE PERIOD 01-23-88 THRU 01-26-88  
SUP F&AA MUSIC (133-0357) 1,000.00
3. SHEA MEMORIAL FUND  
LAKE SUPERIOR ASSOCIATION OF COLLEGES  
AND UNIVERSITITES  
ASHLAND, WI  
NORMAN DELLO JOIO COMPOSER IN RESIDENCE  
FOR THE PERIOD 01-23-88 THRU 01-26-88  
SUP F&AA MUSIC (133-0358) 800.00
4. WISCONSIN ARTS BOARD  
MADISON, WI  
NORMAN DELLO JOIO COMPOSER IN RESIDENCE  
FOR THE PERIOD 01-23-88 THRU 01-26-88  
AWARD # FY88-176-2888  
SUP F&AA MUSIC (133-0359) 1,750.00

## LIBRARIES

1. NORTH WATERS LIBRARY SYSTEM  
ASHLAND, WI  
RETROSPECTIVE CONVERSION PROJECT  
FOR THE PERIOD 07-01-87 THRU 06-30-88  
SUP LIB RE UNIV LIBRARY (133-0366) 2,500.00

## RESEARCH

1. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
  - 1) FISH POPULATION CHANGES AND THE MECHANISM  
ASSOCIATED WITH CHANGE IN AN ACIDIFIED LAKE  
FOR THE PERIOD 05-01-87 THROUGH 03-31-88  
AWARD # CR-812215-02-0  
SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0361) 64,603.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - SUPERIOR

## RESEARCH

2) FIELD EVALUATION OF AQUATIC ECOSYSTEMS TO PESTICIDE STRESS FOR THE PERIOD 06-08-87 THROUGH 06-07-88 AWARD # CR-814147-01-0 SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0364)	103,900.00
3) ON-SITE CHEMICAL RESIDUE ANALYSIS AT THE ENVIRONMENTAL RESEARCH LABORATORY DULUTH, MINNESOTA, OPTION PERIOD II FOR THE PERIOD 04-20-87 THROUGH 04-19-88 AWARD # 68-03-6264 SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0365)	380,515.00
2. METROPOLITAN MOSQUITO CONTROL DISTRICT ST. PAUL, MN NON-TARGET ECOLOGICAL FIELD STUDIES WITH AQUATIC ORGANISMS FOR THE PERIOD 05-01-87 THRU 03-01-88 SUP U RES CTR-L SUP ENV ST REIMB EXT (133-0362)	24,648.00
TOTAL SUPERIOR	676,431.00 =====
INSTRUCTION	100,265.00
LIBRARIES	2,500.00
RESEARCH	573,666.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - WHITEWATER

GIFT-IN-KIND

1. LEEDS PRECISION INSTRUMENTS, INC.  
MINNEAPOLIS, MN  
5 PHASE MICROSCOPES  
WTW L&S BIOLOGY

INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PROJECT BETTER - TO DEVELOP AND CARRY OUT PROGRAMS  
OF BILINGUAL EDUCATION IN ELEMENTARY AND  
SECONDARY SCHOOLS  
FOR THE PERIOD 10-01-87 THROUGH 09-30-88  
AWARD # GO08635296  
WTW EDUC CURRIC & INSTR CURR&INSTR (144-0929) 74,306.00

TOTAL WHITEWATER 74,306.00

=====

INSTRUCTION 74,306.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
SPECIAL SERVICES FOR DISADVANTAGED STUDENTS:  
DEVELOPMENTAL EDUCATION PROGRAM OF THE UNIVERSITY  
OF WISCONSIN CENTERS  
FOR THE PERIOD 09-01-87 THROUGH 08-31-88  
AWARD # GO08740630  
CNS SYS SV STUDENT SERVICES M.-D. PRGS (144-Z971) 175,423.00
2. RICHLAND COUNTY CAMPUS FOUNDATION  
RICHLAND COUNTY, WI  
FACULTY & STAFF PROFESSIONAL DEVELOPMENT  
CNS RICH ADMINISTRATION PRF DEV (133-M129) 500.00

## MISCELLANEOUS

1. UWC-MARSHFIELD/WOOD COUNTY-LECTURE FINE ARTS  
CNS MARSH STUDENT AFFAIRS LECT & F A (133-LO40)  
  
500.00 WEYERHAEUSER COMPANY  
MARSHFIELD, WI  
875.00 MULTIPLE DONORS  
  
1,375.00
2. MULTIPLE DONORS  
CADAVER PURCHASE  
CNS WASH BIOLOGY (133-M110) 100.00

## RESEARCH

1. WISC DEPT OF NATURAL RESOURCES  
MADISON, WI  
AIR QUALITY MONITORING FOR THE PERIOD 10-01-87  
THRU 09-30-88  
AWARD # NRH 95694  
CNS MARATH CHEMISTRY (133-M093) 3,341.84

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-86 THROUGH 06-30-87  
AT A TOTAL COST OF \$2,336,672.00  
AWARD # PO08702949, MOD. 5  
CNS (148-R087) 2,747.00



GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

UNRESTRICTED

1. FESTIVAL OF ARTS  
WAUSAU, WI  
UNRESTRICTED GIFT ACCOUNT  
CNS MARATH ADMINISTRATION (133-M130) 1,000.00

TOTAL CENTER SYSTEM 184,486.84

=====

INSTRUCTION 175,923.00  
MISCELLANEOUS 1,475.00  
RESEARCH 3,341.84  
STUDENT AID 2,747.00  
UNRESTRICTED 1,000.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1.	MULTIPLE DONORS SHOOTS 'N ROOTS URBAN GARDEN PROGRAM EXT COOP E CO&AREA DFC-S E	(133-F085)	150.00
2.	WISCONSIN FARM PROGRESS DAYS, INC. MADISON, WI COVER BUSINESS EXPENSES RELATED TO FARM PROGRESS DAYS EXT COOP E AGRIC & AGRI-BUS AG& AG-BUS	(133-H356)	6,500.00
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN RURAL LEADERSHIP PROGRAM EXT COOP E DEAN'S OFFICE RUR LDRSHP	(133-H773)	15,000.00
4.	JOURNAL OF EXTENSION MADISON, WI ADMINISTRATIVE SUPPORT OF THE JOURNAL OF EXTENSION FOR THE PERIOD 01-01-86 THRU 12-31-86 EXT COOP E JRNL OF EXT	(133-J899)	3,505.59
5.	SUPPORT FOR THE WISCONSIN HUMANITIES COMMITTEE EXT GEA SV W HUMANITIES COM	(133-K631)	
	500.00 STEVE MARVIN VENICE, CA 90291		
	125.00 MULTIPLE DONORS		
			625.00
6.	THELDA CLARK SMITH FAMILY FOUNDATION NEENAH, WI UNRESTRICTED GRANT IN SUPPORT OF WHA-TV EXT TELCOM WHA TELEVISION	(133-K838)	3,000.00
7.	PROGRAM UNDERWRITNG FOR FY 88 EXT TELCOM WHA TELEVISION	(133-L435)	
	1,000.00 KEN KOPP'S FINE FOODS MADISON, WI		
	1,000.00 ORANGE TREE IMPORTS MADISON, WI		
	500.00 MULTIPLE DONORS		
	4,000.00 WISCONSIN POWER & LIGHT MADISON, WI		
	1,000.00 MULTIPLE DONORS		
	4,500.00 ANCHOR SAVINGS & LOAN MADISON, WI		
	3,000.00 SCOSHI MADISON, WI		
	1,500.00 T.S. VANDOROS RARE BOOKS MIDDLETON, WI		
			16,500.00

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

8.	CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC NATIONAL PROGRAM PRODUCTION AND ACQUISITION GRANT FOR THE PERIOD 10-01-87 THRU 09-30-89 EXT TELCOM WHA RADIO	(133-M076)	95,338.00
9.	MILWAUKEE COUNTY 4-H LEADERS ASSC., INC. WAUWATOSA, WI SUPPORT FOR THE MILWAUKEE COUNTY 4-H STAFF ASSISTANTS EXT COOP E CO&AREA OFC-S E	(133-M081)	4,000.00
10.	MARQUETTE (COUNTY OF) MONTELLO, WI COUNTY SUPPORT FOR EXTENSION FAMILY LIVING PROGRAM EXT COOP E CO&AREA OFC-CTRL	(133-M102)	1,763.00
11.	RUSK (COUNTY OF) LADYSMITH, WI COUNTY AGENT SUPPORT - RUSK COUNTY EXT COOP E C&AREA OFC-NORTH	(133-M103)	46,328.00
12.	SATELLITE CHAMBER MUSIC SERIES EXT TELCOM WHA RADIO	(133-M116)	
	3,000.00 SMITH (THEDA CLARK) FAMILY FOUNDATION NEENAH, WI		
	1,500.00 JOHN A. JOHNSON FOUNDATION MADISON, WI		
			4,500.00
13.	CENTRAL EDUCATIONAL NETWORK DES PLAINES, IL A NEW FREEDOM: MANAGING CANCER PAIN FOR THE PERIOD 09-01-87 THRU 05-15-88 EXT TELCOM WHA TELEVISION	(133-M120)	5,000.00
	TOTAL EXTENSION		202,209.59 =====
	EXTENSION AND PUBLIC SERVICE	202,209.59	

GIFTS, GRANTS AND CONTRACTS  
OCT 09, 1987

UNIVERSITY OF WISCONSIN - CENTRAL ADMINISTRATION

INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
TITLE II OF THE EDUCATION FOR ECONOMIC  
SECURITY ACT  
FOR THE PERIOD 07-01-87 THROUGH 09-30-88  
AWARD # MO08-87-7-0049  
SA S AC A ACADEMIC AFFAIRS (144-1013) 426,374.00

MISCELLANEOUS

1. EARNINGS ON SHARES REC'D IN ESTATE  
MARCUS TRUST FUND  
SA PRES ( TRUST ) 1,062.51

TOTAL CENTRAL ADMINISTRATION 427,436.51  
=====

INSTRUCTION 426,374.00  
MISCELLANEOUS 1,062.51

THE UNIVERSITY OF WISCONSIN SYSTEM  
Office of Academic Affairs

Academic Informational Series 1  
(ACIS-1) Revised, October, 1987

ACADEMIC PROGRAM & PLANNING  
GUIDELINES

OCTOBER, 1987

This revision replaces all previous versions of ACIS-1, dated December, 1974, August 15, 1975, March 5, 1976, July 16, 1976, December, 1978, and August, 1984

EXHIBIT A

Table of Contents

	<u>Page</u>
A. INTRODUCTION . . . . .	1
B. ACADEMIC PROGRAM ACTION SUMMARY . . . . .	2
C. ACADEMIC PROGRAM DEVELOPMENT SCHEDULE . . . . .	3
D. DEFINITIONS AND PROCESS INTERPRETATIONS . . . . .	4
E. CRITERIA FOR PROGRAM EVALUATION AND APPROVAL . . . . .	7
F. FORMATS . . . . .	9

## A. INTRODUCTION

This guideline has been prepared to provide a concise reference document specifying the flow of information about and the approvals necessary for academic program changes in the UW System. The nature and level of action necessary are outlined for changes involving matters such as: institutional mission; college, school and department structure; majors, degrees and submajors; certification; and calendars. In addition, definitions and interpretations are provided for the key terms and processes involved in decisions concerning academic programs. These are intended to assist institutions in the appropriate classification of the various types of decisions referenced in the Program Action Summary. They also provide supplementary information on certain decision processes.

These guidelines should promote the efficient processing of proposals from the institutions through System Administration for ultimate action by the Board of Regents. The several formats used to provide information about new programs and program or structural changes are provided, as is the time frame within which submission, approval, and implementation can take place.

ACIS-1 Revised is limited to a set of academic decision processes relating to the organization and management of the curriculum, and which involve recurrent information flow between the institutions and the System. It does not include a description of decision processes managed exclusively at the institutional level (such as course approvals, catalogues, examination schedules, grading practices, etc.), nor to a variety of academic-related decisions processes covered by other System guidelines or Regent policies (such as faculty and academic staff personnel rules, policies, and guidelines, transfer policy, admissions policy, etc.).

It is assumed that prior to submission to the UW System Office of Academic Affairs, institutional administrators will bring proposed new programs or revisions to the attention of the various institutional offices which may be affected by the proposal. Prior to final action, the System office will distribute a summary of program proposals to all institutions as part of the Regent Education Committee Proceedings.

B. ACADEMIC PROGRAM ACTION SUMMARY

	Timetable for System Administration Action	Timetable for Regent Action	System Administration Action	Board of Regents Action	Format for Request for Action**
Establish or alter the Institutional Mission	Anytime	Anytime	Y	Y	No Special Format
Establish, Rename or Eliminate a College/School/Division*	Anytime	Anytime	Y	Y	No Special Format
<b>Academic Program Development (New Major/Degree)</b>					
Stage 1 Preliminary Entitlement	See p. 3		Y		Format A
Stage 2 Authorization to Implement	See p. 3		Y	Y	Format B
Stage 3 Implementation	See p. 3				
Stage 4 Review and Evaluation	See p. 3		IO	IO	No Special Format
Degree Program Extended to a Second Institution	Anytime		Y	IO	No Special Format
Substantive Redirection of Major/Degree	Anytime	Anytime	Y	Y	No Special Format
Eliminate a Degree/Major/Submajor	Anytime		IO	IO	No Special Format
Renaming Major/Degree/Submajor	Anytime		Y	IO	No Special Format
Establishing Submajor or Certification Program	Anytime		Y	IO	Format C
Establish, Rename or Eliminate a Department	Anytime		Y	IO	No Special Format
Establish, Rename or Eliminate a Center or Institute ***	Anytime		Y	IO	No Special Format
Approval of Academic Calendars	January		Y	IO	Format D

Y = Formal Action Required  
IO = Information Only

\* Subject to action by Legislature (See page 5).

\*\*Formats are attached as part of Section F.

\*\*\*Only when state funds are involved initially or as a commitment for continuing the center or institute.

Note: All submissions should be directed to the UW System Office of Academic Affairs. Except for the first two information only (IO) items to the Regents, all IO items will be reported on an annual basis to the Regents, usually in June.



**C. ACADEMIC PROGRAM DEVELOPMENT SCHEDULE**

	<u>UW System Administration</u>	<u>Regents</u>	<u>Implementation Date</u>
Stage 1 Preliminary Entitlement To Plan (See ACIS 1.1)	September 1 (Format A)	--	
Stage 2 Authority to Implement			
Cycle A	October 1 (Format B) deadline	First Reading, February Second Reading, March (Action)	
Cycle B	May 1 (Format B) deadline	First Reading, September Second Reading, October (Action)	
Stage 3 Implementation	The Chancellor has final institutional authority for implementing the new academic program. Prior to implementation any deviations from the authorized plan (Format B) as approved by the UW System Administration and the Regents in Stage 2 must be approved by either the System Administration or the Regents, depending on the magnitude of change. Format B will become the base document for the five-year review. System Administration is to be notified of implementation date.		Institutional Initiative Following Completion of Stage 3
Stage 4 Review and Evaluation	All new academic programs are required to be reviewed and evaluated at the end of the initial 5-year period. This review will be conducted jointly by the System and the institution. Format B will be used as a basic document against which the program will be evaluated in addition to other qualitative and quantitative criteria. Approval to continue the program or modify it based on the review will remain at the institutional level with an informational report to the Regents through the System. However, should the review result in recommendations leading to substantial, substantive redirection, it will be necessary for the institution to request System concurrence and, if approved, for the System to ask for Board confirmation.		End of Initial 5 years

#### D. DEFINITIONS AND PROCESS INTERPRETATIONS

The levels of action outlined on the preceding page are based upon the assumptions that changes are constantly taking place and the authority to give final approval to a proposed change is vested at various levels of delegated authority. Levels of action required are dependent upon the relative impact that the proposed changes would have on the institutions and System and are specified consistent with the statewide planning and coordination responsibilities of System Administration and the Regents.

Key words are identified below so that a uniform set of definitions will apply.

##### Institutional Mission

For each institution there is a select or special mission which outlines the broad but fundamental purposes of the institution. The Regents have the responsibility for approving and promulgating the set of mission statements for the University of Wisconsin System. This is, perhaps, the most important Regent function performed in all of public higher education in Wisconsin for it gives basic form to the academic programs of the UW System. The statute creating the University of Wisconsin System requires that there be public hearings prior to the Regents' modification of the mission statement of any institution. Modifications of any mission statement require Regent approval.

##### Academic Program Development

Efficient and effective use of the human resources, in time and effort, and of financial and physical resources requires a clear understanding of future program dynamics and priorities. Four stages for development of new majors or degrees are important. Briefly, Stage 1 - Preliminary Entitlement to Plan requires each institution to bring forward listings of new majors/degrees which they identify as appropriate for development during the next four years. Minimal data are required at this stage. Following appropriate discussion the System approves preliminary entitlements for each institution. Stage 2 - Request for Authorization to Implement is a formal request to the System and the Board of Regents for authorization to proceed with detailed planning and implementation of a specific program identified in Stage 1. An expanded description of the program is required including the need for the institution to look critically at the fiscal, academic, facility, and academic support implications. Following System review and approval, the Request will be recommended to the Board of Regents for review and approval. Stage 3 - Implementation is the point at which the chancellor, following approval at the various intra-institutional levels, and providing that the proposal is consistent with what was previously approved by the Regents, is authorized to implement the program. Should there be deviations from the program approved by the Regents (Stage 2), the institution must seek approval for such changes, depending on the magnitude of the changes, from either the System Administration or the Regents. Stage 4 - Review and Evaluation is the mandatory five-year review of new academic programs jointly conducted by the System and the institution. Authority to continue the program or modify it based on the review will remain at the institutional level with an informational report on the outcome of the five-year review to the Board of Regents. However, should the review result in recommendations leading to

significant redirection, it will be necessary for the institution to request System concurrence. Should System Administration concur it will request approval from the Board of Regents. The five-year review has applied to all new programs approved since January 1, 1976.

### Schools, Colleges or Divisions

The UW System universities are organized into schools, colleges, or divisions which are coherent assemblages of faculty and programs headed by a dean or director.

Inasmuch as the array of schools, colleges, or divisions at any institution is derived from the select or special mission of that institution, it is necessary that the formation or merger of schools, colleges, or divisions be approved by System Administration and the Regents. (Note: Section 36.09(1)(gm) of the merger statutes requires legislative approval for the creation of a school or college which is to have graduate or professional, post-baccalaureate academic programs.)

### Degrees

An academic degree is the associate, baccalaureate, master's, specialist, or doctoral degree awarded to an individual who completes all degree requirements specified by the institution through the appropriate school, college, or university faculty. Since adding to the list of degrees authorized for an institution requires Regent action, the establishment of any new degree programs will require Regent approval. However, existing degree authorizations may be modified with the approval of System Administration.

### Majors

A program of study leading to a "major" is one which consists of a specified number of required and elective course credits and/or the successful completion of specified competency requirements and which culminates in an authorized degree. New majors must be approved by the Board of Regents. Faculty responsibility for majors is generally exercised through departments or their functional equivalent. System Administration maintains an overview of the majors offered in the UW System. Thus any redirection or renaming of authorized majors requires approval by System Administration. Decisions to eliminate a major must be filed with System Administration as an information item. The conversion of an existing major into an extended degree must follow the academic program development procedures set forth in this guideline.

### Submajors

A submajor program is a program of study usually consisting of fewer credits than a major. As used here the term "submajor" includes minors, concentrations, emphases, options, and other such terms that are noted on the student transcript. Because submajors frequently expand to become majors and thus affect missions and resource use, System Administration has approval authority for all new submajors or renaming of existing submajors. Decisions to eliminate an existing submajor must be filed with System Administration as an informational item.

### Certification Programs

A certification program is an identifiable sequence of courses designed for approval by either a state licensing agency such as the Department of Public Instruction or a professional association. Credit hour, course, and/or competency minima are set by each agency or association. System Administration has approval authority for new certification programs and re-approval authority for certification programs on the occasion of periodic review by the Department of Public Instruction or professional associations.

### Departments

A department is a group of faculty members who work with a common field of knowledge or who have a common or closely related disciplinary or interdisciplinary interest. Most departments have a wide range of academic administrative responsibilities involving personnel decisions, workload assignments, and fiscal management. A principal departmental function is to make first recommendations on matters of academic program development. In some instances academic program faculty groups with continuing responsibilities for particular divisions of the curriculum such as concentrations, collaterals, options, or program clusters, act as the functional equivalents of departments. Because the organization of departments directly affects the organization of the curriculum and the conduct of instruction and research, it is important that System Administration review and approve proposed changes in the array of departments within an institution.

### Centers or Institutes

Where new centers and institutes do not depend in part or in full on state funds, the institutions have maximum latitude in creating, renaming, or discontinuing such entities. However, when state funds are involved either initially or as a commitment for continuing the center or institute, System Administration must review and has approval authority over institutional actions. Similarly, when a center or institute initially or subsequently operates as the functional equivalent of a department, i.e., when it assumes primary responsibility for a curriculum or for personnel recommendations such as the probationary or tenure status of a faculty member, System Administration has approval authority, as for departments.

### Academic Calendars

Once each year each institution must secure approval from System Administration for the academic year calendar for the subsequent academic year and summer session. The calendar outlines such details as periods of instruction, times for registration, recesses, and final examination. The institutional calendars must comply with Board of Regents policy governing faculty contractual year and the provision of organized services for students. Calendar proposals deviating from existing Regent policy would require Regental approval.

## Academic Program Evaluations

The UW System Board of Regents has established System academic program evaluation guidelines within which institutional processes have been developed. Some institutions use a cyclic process ranging from three to ten years while others use screening criteria on an annual basis to determine which individual programs are to be reviewed. Still others review all programs as an integral part of their annual or biennial academic planning process. System Administration monitors these procedures, and periodically reports to the Regents on the impact of these evaluations on the System.

## Degree Program Extended to a Second Institution/Cooperative Programming

An institution authorized to grant a bachelor's, master's, or education specialist degree may, through cooperative programming with another institution(s), enable students registered at the second institution to complete the requirements for the degree and to have the degree conferred by the institution authorized to grant it. As part of the responsibility of System Administration to maintain overview of majors offered in the UW System, any agreement to extend a degree authorization to serve students at another institution requires review and approval by the Vice President for Academic Affairs. The institution having the program entitlement is responsible for seeking System approval. Interinstitutional agreements to extend degree programming to a second institution are subject to review and evaluation as may be requested by the Vice President for Academic Affairs.

### E. CRITERIA FOR PROGRAM EVALUATION AND APPROVAL

The six factors listed in this section must be judiciously applied when considering major changes in existing programs or proposals for new programs. The higher the level of the proposal, the more comprehensive are the demands for pertinent, supportive information in the various categories. Planning Principles, set forth in Academic Planning Statement No. 1 (ACPS-1), should be consulted for background on the broader considerations that apply to all program planning within the UW System.

The System Administration makes use of these criteria in analyzing a program proposal:

1. Relation of the program to the System, Cluster and Institutional Missions.
  - Is the program within the stated cluster, core or select mission of the institution?
  - Will the program add to the ability of the institution to fulfill its mission?
2. Relation of the program to System and institutional priorities and to other institutional programs.
  - To what extent is the program central to the institutional mission?
  - Is the program proposal of high priority in the institutional plan?

- To what extent does the program complement or supplement other institutional programs?
3. Quality of the program.
- What is the existing or projected quality of the program in relation to comparable programs in the UW System or elsewhere?
  - What effect would its creation, continuance or termination have on comparable or related programs in the institution? In the System? In the state?
4. Societal need and student demand for the program.
- What is the present and projected student demand?
  - Will the program contribute to specific state and societal needs?
  - Are there alternative opportunities in the System which would satisfy present and projected demand on a cost and quality effective basis?
- [In the case of extended degrees, does the proposal meet the criteria established in UW Extended Degree Programs Developmental Guidelines #1 (November, 1976)?]
5. Outputs and benefits of the program.
- For existing programs, what is the output of graduates as recorded for the past 3-5 years and the projected output for the next 5-10 year period?
  - For new programs, what is the projected output for the next 5-10 year period?
  - List benefits of this program to the institution, region and state.
6. Cost and financing of the program.
- What are current unit costs for the existing program?
  - What are projected costs for the proposed new program?
  - How do these costs compare with costs for existing or proposed programs with comparable objectives and similar curricula?
  - If the program is continued or new, what incremental demands for educational resources will it generate? (Space, library, computing, supplies and expenses, faculty/staff.)
  - What institutional priority does this use of funds hold in relation to alternative uses?

All factors are not given equal weight in program evaluation. However, when possible, supportive documentation on each point should be provided when forwarding proposals for System Administration consideration.

F. FORMATS

This section includes formats for describing amendments to the institutional entitlements to plan and other program proposals requiring approval by System Administration or the Regents.

**Format A** Preliminary Entitlement to Plan a Proposal for a New Academic Program.

**Format B** Proposal for Authorization to Implement a New Academic Program.

**Format C** Proposal to Establish or Substantially Modify a Sub-major or a Certification Program.

**Format D** Proposal for Academic Calendar.

**NOTE:**

Each institution may have its own protocols for use in review of academic programs. Proposers should also use institutional guides as necessary in developing proposals for change. These will in some instances differ from, or are needed to supplement System formats.

ACADEMIC PROGRAM DEVELOPMENT  
STAGE 1

ACIS-1  
FORMAT A

PRELIMINARY ENTITLEMENT TO  
PLAN A PROPOSAL FOR A NEW ACADEMIC PROGRAM

I. PROGRAM IDENTIFICATION

- 1.1 Exact Designation of Proposed Program:
- 1.2 Department or Functional Equivalent:
- 1.3 College, School, or Functional Equivalent:
- 1.4 Institution:
- 1.5 Timetable for Initiation:

II. PROGRAM DESCRIPTION (Include Objectives)

- III. RATIONALE: State clearly and briefly why your institution needs or wants this program and why the proposed program cannot be offered within existing program authorizations or through cooperative programming.

IV. CONTEXT

- 4.1 History of Program: Provide a brief chronological record of any predecessor program(s) from which the proposed program is developed, e.g., submajor currently available under existing degree.
- 4.2 Instructional Setting of Program: Department, College, etc., intra- and interinstitutional. Describe the relationship of the proposed program to present programs. If appropriate, describe interdepartmental or intercollegiate structures.
- 4.3 Relation to Mission Statement and Academic Plan: Describe how the proposed program relates to the mission and academic plan of the institution.
- 4.4 Comparable Programs Elsewhere in Wisconsin: List programs elsewhere in the state which have a similar title or offer similar instruction and the institutions (public or private) which offer them. Comment on the major distinctions between the proposed program and others.
- 4.5 Comparable Programs Outside Wisconsin (as applicable): To what extent are similar programs outside Wisconsin available to Wisconsin residents?

V. SPECIAL COMMENTS

---



The following form should be completed and accompany a request for Preliminary Entitlement to Plan.

Approvals: Dean \_\_\_\_\_ Date \_\_\_\_\_

Dean, Graduate School \_\_\_\_\_ Date \_\_\_\_\_  
(For Graduate Majors/Degrees)

Chairman of Academic Planning Council or Equivalent  
\_\_\_\_\_ Date \_\_\_\_\_

Chancellor \_\_\_\_\_ Date \_\_\_\_\_

Academic Program Development  
Stage 2

ACIS-1

PROPOSAL FOR AUTHORIZATION TO  
IMPLEMENT A NEW ACADEMIC PROGRAM

A letter of transmittal must accompany each Format B academic program submission with the following form completed as an integral part of that letter.

I. Information

- A. Exact Program Designation:
- B. Department:
- C. College:
- D. Institution:
- E. Degree Title:
- F. Program Classification: I \_\_\_\_\_ II. \_\_\_\_\_\*
- G. Funding Source: New GPR \_\_\_\_\_ Extramural \_\_\_\_\_ Base Reallocation \_\_\_\_\_  
Redeployment \_\_\_\_\_

II. Unit Approvals

Approval\*\*

Date

- |  |       |       |
|--|-------|-------|
| A. Department Head/Functional Equivalent             | _____ | _____ |
| B. Dean of College                                   | _____ | _____ |
| C. Dean of Graduate School***                        | _____ | _____ |
| D. Chair, Academic Planning Council<br>or Equivalent | _____ | _____ |
| E. Chair, Faculty Senate                             | _____ | _____ |
| F. Vice Chancellor                                   | _____ | _____ |
| G. Chancellor  | _____ | _____ |

III. System Administration Approvals/Disapprovals

Approval\*\*

Disapproval

Date

- |   |       |       |       |
|---|-------|-------|-------|
| A. Vice President<br>for Academic Affairs | _____ | _____ | _____ |
| B. President, UW System                   | _____ | _____ | _____ |

IV. Board of Regents Approvals/Disapprovals

Approval\*\*

Disapproval

Date

- |                                   |       |       |       |
|-----------------------------------|-------|-------|-------|
| A. Chair, Education<br>Committee  | _____ | _____ | _____ |
| B. President, Board of<br>Regents | _____ | _____ | _____ |

\*Category I: A program with significant implications for System resource requirements, or for interinstitutional planning.

Category II: A program with minimal implications for System resource requirements, or for interinstitutional planning.

\*\*Signature

\*\*\*Only for Graduate Programs

STAGE 2

ACIS-1  
FORMAT B

PROPOSAL FOR AUTHORIZATION TO  
IMPLEMENT A NEW ACADEMIC PROGRAM

I. PROGRAM IDENTIFICATION AND DESCRIPTION

- 1.1 Exact Designation of Proposed Program:
- 1.2 Department or Functional Equivalent:
- 1.3 College, School, or Functional Equivalent:
- 1.4 Institution:
- 1.5 Program Objectives:
- 1.6 Timetable for Initiation:

II. CONTEXT

- 2.1 History of Program: Provide a brief chronological record of any predecessor program(s) from which the proposed program is developed, (e.g., submajor currently available under existing degree).
- 2.2 Instructional Setting of Program: Department, College, etc., intra- and interinstitutional. Describe the relationship of the proposed program to present programs. If appropriate, describe interdepartmental or intercollegiate structures. State why the proposed program cannot be offered within existing program authorizations.
- 2.3 Relation to Mission Statement and Academic Plan: Describe how the proposed program relates to the mission and academic plan of the institution.

III. NEED

- 3.1 Comparable Programs Elsewhere in Wisconsin: List programs elsewhere in the state which have a similar title or offer similar instruction and the institutions (public or private) which offer them. Comment on the major distinctions between the proposed program and others.
- 3.2 Comparable Programs Outside Wisconsin (as applicable). To what extent are similar programs outside Wisconsin available to Wisconsin residents? Compare these programs to the proposed program.

- 3.3 Student Demand--Future Enrollment: Indicate anticipated enrollment and number of degrees likely to be granted for each of the first four years and give the basis for your estimate. Is the proposed program likely to attract entirely new students or students who would otherwise enroll in existing programs? If the latter, from which existing programs are students most likely to be attracted? Indicate the extent to which potential students have been consulted concerning their interest in the program.
- 3.4 Institutional Service Area, Statewide and National Need: Provide documentation that there is a need for this program by citing data from organizations such as the Bureau of Labor Statistics, professional associations, and so forth.
- 3.5 Cooperative or Alternative Program Exploration: To what extent has been explored the possibility of offering the proposed or an approximately equivalent program cooperatively with another institution, or as a submajor in conjunction with some existing program?
- 3.6 Special Interests in the Proposed Program: Describe any special interest in the program by local groups, state agencies, industry, research centers, other educational institutions, etc. Indicate the nature and results of contacts with these groups. Attach copies of appropriate letters.
- 3.7 Other Needs: Describe other needs or factors which support development of the proposed program.

#### IV. CURRICULUM

- 4.1 Course Sequence: Provide a sample sequence of courses or a course-matrix for the program, marking with an asterisk new courses proposed. Include nondepartmental prerequisite and required courses. Indicate course level by designating proposed courses as Level I (Freshman-Sophomore), Level II (Junior-Senior), or Level III (Graduate).
- 4.2 Interrelationship with Other Curricula: Give a brief statement about how the new program will provide support for and draw support from other campus programs.
- 4.3 Strengths or Unique Features: Describe any special strengths or unique features which will be offered by the proposed program.
- 4.4 Career Preparation: Describe the career advisory services directly related and available to students in the program.
- 4.5 Student Involvement: Describe the degree and nature that students have participated in development of the proposed program.
- 4.6 Outside Consultant Involvement: Indicate degree to which outside consultants had input into the development of the proposed program.

- 4.7 Outreach (if applicable): Outline credit and noncredit outreach functions, including public service to be met by this academic program. Include UW-Extension review, if appropriate.

## V. PERSONNEL

- 5.1 Faculty Participating Directly in the Program: List present faculty members who will directly participate in the proposed program and append a curriculum vitae for each of these faculty members.
- 5.2 Advisory or Related Faculty: List faculty members (other than those listed for 5.1) who will be involved in the program in a related or advisory capacity. Particularly for faculty members in other departments or colleges, outline the history and extent of their involvement.
- 5.3 Initial New Faculty Requirements: Indicate the number (with rank, estimated salary range, and particular areas of specialization) of new faculty members (FTE) required to initiate the program and the projected long-range new faculty needs (with tentative timetable). Will new faculty positions be required or can they be accommodated through redeployment of existing positions assigned to institution?
- 5.4 Academic Staff: List current academic staff members who would be assigned to support the proposed program. List anticipated additions to the academic staff by position title. How will these needs be accommodated?
- 5.5 Classified Staff: Provide information requested in 5.4, for classified staff.

## VI. ACADEMIC SUPPORT SERVICES

- 6.1 Library Resources: How adequate are current library resources for the proposed program, particularly in comparison to other institutions now offering similar programs? Cite institutions used in making comparison. Indicate additional library resources which would be needed, the estimated cost, and how costs are to be accommodated. Provide evidence of consultation with library council or committee.
- 6.2 Special Resources: Identify special resources, such as computers, unique laboratories, equipment, etc., which are currently available that would contribute to the quality of the proposed program. Indicate special resources needed, if any, the estimated costs to support the proposed program, and how these costs are to be accommodated.

## VII. FACILITIES - EQUIPMENT

- 7.1 Facilities and Capital Equipment: List and comment on facilities and capital equipment currently available (other than those listed in 6.2) which would be utilized for the proposed program.
- 7.2 Additional Facilities Required: List and comment on facilities (special classrooms, laboratories, additional space, minor construction, etc.) needed to institute or sustain the proposed program. Provide an estimate of costs.
- 7.3 Clinical Facilities: For health science programs or those proposing to utilize "clinical" placements describe the laboratories and agencies that will be used for clinical instruction. (Append supporting statements indicating that these facilities will be available for clinical placements).

## VIII. CONSULTATION AND ACCREDITATION

- 8.1 Consultation Requirement: Identify external consultant(s) and include a copy of any documents related to the development, review, or evaluation of the proposed program. Describe specific responses made to external consultant(s) recommendations which were not incorporated. Provide rationale for the latter.
- 8.2 Accreditation Requirement: Describe any accreditation needed and outline plans for achieving it. If none, so state.

## IX. FINANCE

- 9.1 Budgetary Requirements: Provide a description of funding requirements and, using the attached chart, show the total budgetary allocation required to initiate this program and to fund it for the first two biennia. This should include a narrative statement and not just the budget sheet.
- 9.2 Resource Reallocation: If the funding requirements outlined above are to be met, in part or in total, by reallocation of resources, indicate the source and the amount. Append documented evidence of consultation with appropriate Deans and/or Departmental Chairperson.
- 9.3 Student Financial Aids: List any special student aids (scholarships, etc.) which are believed to be available to students in the proposed program. Include sources of the aids, estimated amounts, and justification for believing the aids are available.
- 9.4 Research Support: Indicate sources and amounts of extramural funding support expected to be available for research related to the proposed program. Provide documentation supporting the basis of this expectation.

SUMMARY OF ESTIMATED TOTAL COSTS\* FOR PROPOSED PROGRAM

(FORM 1)

Date \_\_\_\_\_

Unit \_\_\_\_\_

Program \_\_\_\_\_

Degree \_\_\_\_\_

FIRST YEAR		SECOND YEAR		TOTAL FIRST BIENNIUM		TOTAL SECOND BIENNIUM	
------------	--	-------------	--	-------------------------	--	--------------------------	--

Amount	#FTE	Amount	# FTE	Amount	# FTE	Amount	# FTE
FACULTY -----							
GRADUATE ASSISTANTS -----							
SUPPORT PERSONNEL -----							
Subtotal -----							

Amount	Amount	Amount	Amount
SUPPLIES AND EXPENSES -----			
CAPITAL EQUIPMENT -----			
LIBRARY RESOURCES -----			
SPECIAL INFORMATIONAL RESOURCES -----			
COMPUTING RESOURCES -----			
OTHER EDUCATIONAL SUPPORT -----			
Subtotal -----			

Grand Total-----

--	--	--	--

Amount and Percentage of Total  
Anticipated From:

STATE APPROPRIATIONS -----  
GIFTS & GRANTS -----  
REALLOCATION -----  
Total -----

Amount	%	FTE	Amount	%	FTE	Amount	%	FTE	Amount	%	FTE
STATE APPROPRIATIONS -----											
GIFTS & GRANTS -----											
REALLOCATION -----											
Total -----											

17

\*Either new GPR, Gifts and Grants, or internal reallocation of institutional base.

SUMMARY OF ESTIMATED ADDITIONAL COSTS\* FOR PROPOSED PROGRAM

(FORM 2)

Date \_\_\_\_\_

Unit \_\_\_\_\_

Program \_\_\_\_\_

Degree \_\_\_\_\_

FIRST YEAR		SECOND YEAR		TOTAL FIRST BIENNIUM		TOTAL SECOND BIENNIUM	
------------	--	-------------	--	-------------------------	--	--------------------------	--

Amount	# FTE	Amount	# FTE	Amount	# FTE	Amount	# FTE

FACULTY -----  
 GRADUATE ASSISTANTS -----  
 SUPPORT PERSONNEL -----  
 Subtotal -----

Amount	Amount	Amount	Amount

SUPPLIES AND EXPENSES -----  
 CAPITAL EQUIPMENT -----  
 LIBRARY RESOURCES -----  
 SPECIAL INFORMATIONAL RESOURCES ---  
 COMPUTING RESOURCES -----  
 OTHER EDUCATIONAL SUPPORT -----  
 Subtotal -----

Grand Total -----

--	--	--	--

Amount and Percentage of Total  
 Anticipated From:  
 NEW STATE APPROPRIATIONS -----  
 GIFTS & GRANTS -----  
 REALLOCATION -----  
 Total -----

Amount	%	FTE	Amount	%	FTE	Amount	%	FTE	Amount	%	FTE
	100			100						100	



ACIS-1  
FORMAT C

PROPOSAL TO ESTABLISH OR SUBSTANTIALLY MODIFY  
A SUBMAJOR OR A CERTIFICATION PROGRAM

- I. Exact Description of Request: If certification, specify DPI or VTAE involvement.
- II. Title of Program:
- III. Relationship to Mission of Institution: Brief description of how this program relates to the institutional mission.
- IV. List of Courses: Identify required and elective courses. Indicate new courses by an asterisk.
- V. Cost Implications: Describe in appropriate detail the cost of faculty and staff, capital equipment, and supplies and expenses associated with the program.
- VI. Rationale for establishing a new submajor or certification program or for modifying an existing one.

ACIS-1  
FORMAT D

PROPOSAL FOR ACADEMIC CALENDAR

To be submitted by January 15 for the second subsequent academic year and Summer Session.

Proposed calendar for the 19\_\_-19\_\_ Academic Year.

Regent policy (ACPS #4) must be complied with by each institution's calendar:

The contractual academic year shall consist of a full nine months (39) weeks and shall include not fewer than 34 weeks of organized services for students including classroom instruction, registration advising and examining.

The 34 weeks of organized services for students are construed to consist of "Monday-through-Friday" weeks. Stated another way, the requirement is not fewer than 170 days of organized services including classroom instruction, registration, advising and examining. Saturdays, Sundays, vacation periods and recesses between sessions may not be counted. The only exception is that Saturdays and Sundays used for exams (not study days), or to substitute for holidays may be counted. Effective 1989-90, an exemption for study days may be granted on a case-by-case basis.

The 39 consecutive week period includes weekends, holidays and recesses and totals 273 days. Half days must be reported and so counted.

SB24 directs the Board of Regents to ensure that each institution commences fall semester classes after September 1, UW System interprets the law to allow organized services except classroom instruction to occur before September 1.

Calendars are reported to the Board of Regents in the Spring for information only

Faculty Contract Year (39 weeks) Begins	SEMESTER I ( )								
	Registration Advising Dates	Date Classes Begin	Examinations and Study	Date of Commencement	Date Semester Ends	Monday/Friday # of DAYS	Saturday/Sunday # of DAYS	TOTAL*	
						(total)	(total & exact dates)		
	INTERTERM							(Must total 170 days minimum)	
Faculty Contract Year Ends	SEMESTER II ( )								
						(total)	(total)		
						170 minimum		34 wks.	
	INTERTERM							(Must total 170 days minimum)	
	SUMMER SESSION ( )								

HOLIDAYS AND RECESSES

Specify exact dates for your campus	Sat./Sun./Holidays/Make-up Days)
Labor Day _____	
Thanksgiving _____	
Other Fall Break _____	
Christmas Break _____	
Winter Break _____	
Easter _____	
Martin Luther King Holiday _____	
Spring Break _____	

\* ½ days must be reported and so counted