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## **Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: May 8, 1987. 1987**

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MINUTES OF THE REGULAR MEETING  
of the  
BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM  
Milwaukee, Wisconsin  
May 8, 1987

S U B J E C T   I N D E X

	<u>Page</u>
Approval of minutes of the April 10, 1987, regular meeting and of the April 21, 1987, special meeting	1
 <b>REPORT OF THE PRESIDENT OF THE BOARD</b>	
Report of Ben R. and Ruth M. Lawton Scholarship Fundraising Committee	1-2
Report on the Council of Trustees UW Hospital and Clinics	2
Thanks to Regent Selection Committee for Chancellor, UW-Superior	2
Report on meetings	3
Honorary degree to President Shaw from Illinois State University	3
 <b>REPORT OF THE PRESIDENT OF THE SYSTEM</b>	
Approval of nonpersonnel actions/informational items	3
UW-Milwaukee presentation	3-7
1987 President's award for student government to UW-Eau Claire	7
Year-end report of President of United Council of UW Student Governments	7-8
 <b>REPORT OF THE EDUCATION COMMITTEE</b>	
Report of the Vice President	9-11
Special presentations, UW-Milwaukee	11
Five-year review on PhD in Management Science, UW-Milwaukee	11
Five-year review on BA/BS in Managerial Accounting, UW-Green Bay	12
Five-year review on BSW in Social Work, UW-Green Bay	12
Approval of new program proposal: BS in Geological Engineering, UW-Madison	12
Change in academic year calendar, UW-Superior	12-13
Acceptance of proffer by Trustees of the William F. Vilas Trust Estate for scholarships, fellowships, professorships	13-16
Acceptance of proffer by Trustees of the William F. Vilas Trust Estate relating to music	16-17
UW System admissions policies update	17-19
Named professorships, UW-Stout	19
Authorization to recruit Dean of University Outreach, UW-Madison	19-20
Resolution on racism	20-25
Named professorships, UW-Stout	25-26

<u>Subject Index</u>	<u>Pages</u>
<b>REPORT OF THE BUSINESS &amp; FINANCE COMMITTEE</b>	
Approval of gifts, grants and contracts	26
Acceptance of the Dr. James A. Grindell bequest	27
Response to the audit report on computer sales	27-28
Revision of regent policy requiring reports on remission of non-resident tuition	28-29
Report of the Vice President	29
Chargeback for municipal services	29-30
Dispensing of hearing aids to Center for Health Sciences patients	30
<b>REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE</b>	
Approval of major project concept and budget reports, UW-Madison	30-32
Increase in major project budget to add air conditioning UW-Superior	32
Completion of telecommunication system networks, UW-Stevens Point and UW-Whitewater	33-34
Approval of minor projects	34-35
Report of the Vice President	35
Authorization for property transfer, UW-Madison	35-36
<b>ADDITIONAL RESOLUTIONS</b>	
Resolution of appreciation to UW-Milwaukee	36
<b>CLOSED SESSION ACTIONS</b>	
Appointments to UW-Stevens Point Board of Visitors	37
Appointment of Dean, UW Center-Fond du Lac	38
Appeal of decision in Katherine King case	38

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

Milwaukee, Wisconsin

Held in Room E245, Wisconsin Room West  
UW-Milwaukee Student Union

Friday, May 8, 1987  
9:00 a.m.

- President Weinstein presiding -

PRESENT: Regents Clusen, Finlayson, Fish, Flores, Grover, Hanson, Hassett, Heckrodt, Knowles, Lyon, Nikolay, Schenian, Schilling, and Weinstein

ABSENT: Regents Gerrard, Lawton and Vattendahl

Upon motion by Regent Nikolay, seconded by Regent Schenian, minutes of the regular meeting of the Board of Regents of the University of Wisconsin System, held on April 10, 1987, were approved as mailed to the members of the board. Upon motion by Regent Nikolay and properly seconded, minutes of the special meeting of the Board of Regents of the University of Wisconsin System, held on April 21, 1987, were approved as mailed to members of the board.

REPORT OF THE PRESIDENT OF THE BOARD

✓ ~~Report of Ben R. and Ruth M. Lawton Scholarship Fundraising Committee~~

*update on fundraising pp 1-2*  
Regent Heckrodt, co-chairman of the Fundraising Committee, reported that an extensive list of prospective donors had been developed by UW Foundation staff, with the process continuing as further information was received. Solicitation of potential givers was to begin shortly and regents were requested to submit lists of prospective donors if they had not already done so. The solicitation mailing was to include an impressive brochure about Ben and Ruth Lawton and the scholarship fund. An article about the

scholarship fund was sent to *On Wisconsin* for publication and to the Alumni Association for the next issue of *Wisconsin Alumnus*. A solicitation letter, to be signed by co-chairmen Hanson and Heckrodt, had been prepared for direct mail to general donors and was to be sent in late May. Currently, there were about \$10,000 in the fund, donated primarily by regents and close friends. The next meeting of the working committee was to be on June 4.

*Hospital - Council of Trustees - Report on patient activity, budget, equipment + council approval of bylaw amendments p. 2*

Report on the Council of Trustees of the UW Hospital and Clinics

Summarizing the May 7 meeting of the Council of Trustees, Vice Chairman Heckrodt reported that, for the nine-month period ending March 31, admissions were approximately one percent higher and patient days four percent higher than the same period last year. Intensive care days and outpatient activities were substantially higher during the month of March, resulting in greater-than-budgeted patient revenues.

The council approved the hospital's preliminary 1987-88 budget proposal, contingent on final budget estimates which would be available by the June regents' meeting, when the budget was to be considered by the Business and Finance Committee and then by the entire board.

In reviewing the past year's accomplishments, Superintendent Derzon noted that the hospital experienced its first increase in inpatient activity since 1980-81. Both length of stay and intensity of care increased during the past year.

Programmatic highlights for 1986-87 included addition of a second magnetic resonance imaging unit, installation of a new linear accelerator to improve radiotherapy services, and initiation of new clinical programs such as the Epilepsy Clinic and intermediate care nursing units. Several new programs were added to further extend the hospital's resources to physicians and health care providers throughout the region. These included the initiation of a telephone consultation service for physicians and the creation of a new Department of Regional Medical Affairs.

Reporting that the council approved medical staff appointments and changes to the Council of Trustees bylaws, Regent Heckrodt requested that the bylaw amendments be placed on the June agenda for approval by the Board of Regents.

*Regent Committee*

Thanks to Regent Selection Committee for Chancellor, UW-Superior

*Appreciation to committee*  
Regent Weinstein expressed appreciation to the Regents' Special Committee for Chancellor of UW-Superior. The committee was chaired by Regent Hanson and consisted of Regents Flores, Knowles, Hassett and Lawton and Vice President Schilling.

*UW-Superior-Staff - Appreciation to Regent Special Committee for Selection of Chancellor, p. 2*

Report on Meetings

President Weinstein reported that in the past month he had continued a series of face-to-face meetings with legislators and executive branch officials for the purpose of promoting the UW System budget. In that regard, he had spoken to the UW-Milwaukee School of Business Advisory Group and explained the capital budget process. He felt his comments were well received and that the process was understood and respected by that audience.

He also had an opportunity to speak to the Wisconsin Chapter of the Association of Government Accountants on the emerging role of the financial manager in the public sector.

President Weinstein expressed appreciation to regents who were representing the board as speakers at spring commencement ceremonies.

✓  
Shaw, Kenneth - Report of

→ Honorary Degree to President Shaw from Illinois State University, p. 3

Regent Weinstein congratulated President Shaw, who was to receive an honorary Doctor of Humane Letters Degree from the Illinois State University. The award was to be made during Graduate School commencement exercises at the university from which he received his baccalaureate degree in 1961.

(Xref) President of the University - (same)

REPORT OF THE PRESIDENT OF THE SYSTEM

Report of Nonpersonnel Actions/Informational Items

Upon motion by Regent Fish, seconded by Regent Schenian, Resolution 3777 was unanimously adopted.

Resolution 3777: 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.

✓  
Regent Presentations - Presentation to board by UW-Milwaukee on archeological expeditions to Zaire, Africa, pp 31-7

UW-Milwaukee Presentation

To make the presentation, Chancellor Smith introduced Dr. John Harris, Associate Professor of Anthropology. In 1985 an expedition headed by Dr. Harris and two other prominent scientists found a number of stone tools and animal fossils in Zaire, a discovery which represented the earliest evidence of the activities of human ancestors.

✓  
UW-Milwaukee - (same)

Dr. Harris was born in New Zealand, where he began teaching in 1968. He came to the United States to study at the University of California at Berkeley, where he received his bachelor's, master's and doctoral degrees in anthropology. Part of his education was in the fields of East Africa, where he participated in a number of archeological expeditions with other leading scientists, and he served as a research archaeologist at the National Museum of Kenya from 1976 to 1980. After that, he went to the University of Pittsburgh to teach anthropology, and one year later, he came to UW-Milwaukee.

Dr. Harris stated that the purpose of his presentation was to show ways in which paleoanthropology research could contribute to understanding the life and behavior of the earliest representatives of humanity.

Explaining that paleoanthropology was an interdisciplinary and international research endeavor, he said the interdisciplinary nature of the research involved colleagues expert in such fields as geology, physics and chemistry. To understand the dynamics of evolutionary change and the circumstances that gave rise to uniquely human behavior, it was necessary to know about past climates, vegetation and the timing of environmental change, which may have precipitated responses in ancestral humans. This required participation by earth science experts in human origins research. In addition, the preservation of the record was less complete as researchers went further back in time, so all that remained were minute physical and chemical traces which could be identified only by the very sophisticated analytical techniques available in the hard sciences.

The field of paleoanthropology was international in scope, in that researchers were attempting to document the emergence of ancestral humans, first in the tropics of Africa and then their subsequent movements over a period of millions of years in successful colonization of all parts of the planet. Only through cooperation and collaboration among scientists from all nations could these goals be achieved. In this respect, over the last 16 years Dr. Harris had established working relationships with governments, departments of antiquities and national museums in Ethiopia, Kenya, Tanzania and Zaire.

Showing a series of slides to illustrate his research, Dr. Harris said that about 5.5 million years ago there had been a world-wide lowering of temperature, reflected on the African continent by replacement of the tropical rain forest by more open savannas and reflected in the geological record by drying up of the Mediterranean Sea.

Evidence showed eleven sites where ancestral humans lived in East Africa and the high plateau of South Africa 5-6 million to one million years ago. One of the sites containing evidence included fossilized humanoid footprints from 3.75 million years ago, which showed that when a group of primates moved into the more open areas of the landscape, one change in behavior was to walk on the hind limbs. Also discovered were primitive butchering tools, which allowed researchers to reconstruct such ancestral human activities as cooperation, food sharing and the consumption of meat.

About 2.5 million years ago, there was another dry period which caused hominoids to move over large areas of the landscape so that populations became isolated and speciation occurred. For the first time in the geological record, some hominoids showed an increase in cranial capacity or intelligence. This coincided in the geological record with the earliest evidence of stone tool making and use.

Only three sites in the world had been found from this time range. One in Ethiopia Dr. Harris discovered in 1976, and he recently had been invited to reopen work in that country.

In 1985, Dr. Harris helped coordinate a research expedition in densely vegetated Eastern Zaire. Many colleagues thought it would be demonstrated that early hominoids were not present, but the team found some early artifacts. Because of the significance of the discovery, it was the subject of a press conference organized by the National Geographic Society, and the proposal submitted by the research team was the highest-funded proposal granted in the anthropology division of the National Science Foundation for 1986. The interdisciplinary research group included UW-Milwaukee and Kenyan students, as well as European and Zaire scientists who were geophysicists, geologists, paleontologists, and archaeologists.

Upon returning to the site in 1986, the researchers were able to reconstruct the environment and determine that the site was located near a lake shore rather than a river, as it was presently. They also identified what were uniquely human behaviors--delayed consumption of food and division of labor, in which some collected food and brought it back to share with others. Survival was possible only through cooperation, because hominoids had to compete for food with lions, leopards and other large animals.

On the campsite in Zaire, the researchers found fragmentary fossilite bones of animals that probably were butchered for meat. Associated with those bones were sharp-edged fragments of rock made of quartz, which represented the earliest technology. In the drying climate, food resources were becoming more scarce and hominoids had to find alternatives to their usual supplies. To obtain a high protein source like meat, a sharp-edged implement was needed to penetrate the tough hides of animals. This circumstance resulted in tool making becoming part of the behavior of ancient humans. This conclusion was not based on the circumstantial, spatial relationship of broken bones to these very early stone tools, but was confirmed by cut marks in bones which could only have been made by stone tools. It was believed that other important alternative food sources for ancient humans were roots and tubers, recovery of which required a tool to cut a tree branch into a sharp-edged digging stick.

Because of the close genetic relationship between hominoids and apes, Dr. Harris felt it was fortuitous that there were gorillas and apes in the areas where his team was discovering remains of ancient human behavior. One of his students, Donna George, began a pilot study of chimpanzees in the area and had been invited to serve a summer apprenticeship with the world-famous primatologist, Jane Goodall.



Dr. Harris also was working closely with the Milwaukee County Zoo in a unique example of cooperation, whereby the zoo director had just made available funding to support a student in the study of Pigmy chimpanzees. In the future, it was hoped the Milwaukee County Zoo would help fund the wild chimpanzee study in Zaire.

Turning to the Eastern Rift, which was reached by going through Nairobi, Kenya, Dr. Harris noted that this section was drier and more well known than the sites in Zaire. Many of the hominoid sites from five to one million years ago were found in this area. In the 1970s, he worked on one site in the northern part of Kenya, and Richard Leakey recently had asked him to help coordinate this famous project.

In more recent years, Richard Leakey's researchers had found an important skeleton which showed anatomical changes to narrow hips and a small birth canal, which meant a shorter gestation period and more immature infants. The behavior implication was that greater parental investment in survivorship of the young was required. Other discoveries showed an increase in body size, and hominoids had to move over larger parts of the landscape to find food to sustain the larger body. Another important change was to smaller jaws and teeth, which probably meant more elaborate preparation of food, including use of tools and perhaps fire. Also, fire might have been an important means of protection for hominoids as they moved over the landscape.

Noting that one of his particular interests was the antiquity of humanly controlled fire, Dr. Harris said that these ancient landscapes yielded possible evidence of humanly controlled fire that pushed back knowledge by about a million years. The earliest evidence to date came from China and was about 500,000 years old, whereas sites he had been investigating in Kenya and Ethiopia could show evidence of use of fire back to 1.5 million years ago. On the African continent, conspicuous remains of fire were not found. However, because fire baked the underlying sediment, Dr. Harris had been working with a colleague in the Geophysics Department who could determine temperatures of ancient soils. One could then distinguish localized areas that had been baked--perhaps from campfires.

Dr. Harris also was working with chemistry and physics colleagues on other evidence to confirm his hypothesis for the antiquity of humanly controlled fire. Professor Leckman of the Department of Surface Studies found chemical changes which indicated fire on these ancient campsites, and funds had been secured from the National Science Foundation to support a student in the Special Opportunities for Undergraduate Research Program to work with Professor Leckman over the next year.

Clearly, Professor Harris noted, fire had been an important adaptation in moving to the cooler parts of the world, which occurred about a million years ago. In short, it was social organization and changes in the tool kit that allowed humans to move into new and more open landscapes and to colonize Europe and Asia.

Concluding his remarks, Dr. Harris reiterated that these research projects also offered instruction and research opportunities for students, including the group he had taken to Kenya last year. More recently, the College of Letters and Science, as well as the Graduate School, had provided space for him to develop an instructional laboratory, for which funding was being sought.

President of the System

1987 President's Award for Student Government to UW-Eau Claire, p. 7

xref UW-Eau Claire - (same)  
xref Students - (same)

Announcing this award which had been given annually since 1977, President Shaw commented that it symbolized the important role of students in the governance of UW System institutions, in helping to keep programs and policies vital and responsive to student needs. After careful review of a group of exceptional nominations, he had selected the UW-Eau Claire student government as recipient of the 1987 President's Award for Student Government. This student organization was enthusiastically nominated for its mature, professional leadership in maintaining effective student representation in institutional policy review, student services and activities, and in the legislative arena. Student body president, Paul Secraw, was to receive the traveling plaque.

United Council of UW Student Governments

Year-End Report of President of United Council of UW Student Governments pp7-8

President Shaw called upon Bryce Tolefree, who was completing his term as United Council President, to reflect on his year of representing students in the UW System.

Mr. Tolefree introduced the new president of United Council, Adrian Serrano, from UW-Parkside.

Stating that it had been an honor and a pleasure to serve as United Council president, Mr. Tolefree noted that, during the organization's 27-year existence, there had been dramatic changes in the way students related important issues to policy makers. There were periods when students had set the priorities and were willing to commit themselves to developing movement behind the issues, with student involvement in the political process being at a high in the 1960s. During the past several years, there had been declining student participation in such activities, which had caused frustration to student leaders and policy makers alike. During his tenure as president, he had tried to commit United Council to becoming proactive in proposing viable solutions to the many complicated issues facing students. Today's students, he said, were different from those of twenty years ago, in that current students were aggressive, competitive, independent, moderate, older, and sometimes a little selfish. These were changes which United Council must recognize in order to continue effectively representing students in Wisconsin.

Mr. Tolefree stated that he was pleased with achievements this year and happy that UW-Eau Claire had won the President's Award for Student Government, noting that one of the highlights of the year was for that institution to have joined United Council. Commenting that United Council's

goals had been realistic and responsible, he said it was important to remember that United Council was more than its president, staff, and individual units--it was a union of students working together to achieve common goals. This year's goals focused on maintaining an affordable, accessible university system for all Wisconsin citizens. In addition, language was developed to clarify student rights under sec. 36.09(5) of the state statutes, so that all would understand better the role students played in the governance process. The increased responsibility accepted by students was illustrated by the level of dialogue between United Council and the Board of Regents/System Administration concerning the future of the UW System, segregated fee policies, student rights, financial aid, tuition, and a number of other issues that directly affected student life, services and interests. United Council also had become more visible through continuous contacts with media and agencies that interfaced with the university system. As president, Mr. Tolefree had developed cooperative measures with the AFL/CIO, the Wisconsin Action Coalition, and The Association of University of Wisconsin Professionals. Finally, United Council had strengthened efforts to inform students of important roles that they could play in influencing policy makers.

Referring to a resolution on racism approved by the Education Committee, Mr. Tolefree expressed the view that it would be an important step in enhancing cultural pluralism within the University System.

Reporting that he and Regent Schenian had an opportunity to visit recently with Regent Lawton, Mr. Tolefree said they asked him what advice he would give young people like themselves, and his response emphasized the importance of standing behind their beliefs. Promoting human welfare might sometimes seem like swimming upstream, but if they persevered, they would often prevail. While it would not be possible to win every time, Regent Lawton had continued, it remained important for them to do what they considered morally and ethically right.

In closing, Mr. Tolefree said that, having dedicated four years of his life to the student movement, he believed student activism within Wisconsin to be alive and well; and he thanked students, regents, and administrators for a fulfilling year.

Thanking Mr. Tolefree for his leadership and the articulate way in which he advanced student interests, Presidents Weinstein and Shaw urged him, as well as others, to follow the sound advice given by Regent Lawton.

- - -

#### REPORT OF THE EDUCATION COMMITTEE

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

Report of the Vice President

UW-Eau Claire

William P. Dunlap

Appointment of Dean, College of Education, UW-Eau Claire p. 9

Chancellor Schnack announced the appointment of Dr. William P. Dunlap as Dean of the School of Education, UW-Eau Claire, effective August 1, 1987. Dr. Dunlap was currently Dean of the College of Education, University of Texas at El Paso.

Minutes - Report

Recent Programs in Minority Education at UW-Milwaukee

UW-River Falls, p. 9

A number of recent programs in minority education were highlighted by Vice President Trani. Dr. Doris Derby, director of the new UW System Minority Information Center at UW-Milwaukee, was introduced. The activities of the UW System Institute on Race and Ethnicity, also located at UW-Milwaukee, was described. Regent Finlayson reported on the meeting President Shaw convened in April for more than ninety Hispanic, black, and Native American UW System faculty members. Also in April, the Fourth Annual American Minority Student Leadership Conference was held at UW-River Falls, with over 250 minority students participating through presentation of papers and discussion of issues.

Accreditation

Results of Accreditation Reviews

at UW-La Crosse, UW-Eau Claire & UW-Madison and discussion of the accreditation process, pp 9-11

The results of three recent accreditation reviews were reported to the committee and discussed in detail. UW-La Crosse had been informed by the American Assembly of Collegiate Schools of Business that its MBA program had been accredited, and its undergraduate program in business had been reaccredited. UW-Eau Claire has been informed by the Accreditation Council on Education in Journalism and Mass Communication that its Journalism Department's bid for reaccreditation had been denied. The UW-Madison School of Journalism and Mass Communication had also been informed by the Accreditation Council on Education in Journalism and Mass Communication that it received "provisional accreditation," rather than the expected six-year reaccreditation, as a result of the recent review.

UW-La Crosse - Accreditation received for MBA program pp 9-11

In discussion at the board meeting, Regent Clusen recalled that the Education Committee had discussed a review of accreditation across the system, more than a year previously, because the committee was concerned about some of the unusual and possibly inappropriate demands of accrediting agencies. She thought the issue was to what extent the board should acquiesce to demands of accrediting bodies, especially for liberal arts programs where licensing was not involved.

UW-Eau Claire - Accreditation for Journalism program denied, pp 9-11

Regent Weinstein noted that the board recently adopted a statement of principles on accreditation.

Academic Programs - Provisional accreditation received for UW-Madison program in School of Journalism & Mass Communication

In the next few months, Regent Flores added, the Education Committee was to receive a major report on accredited programs throughout the system, which would be made available to all regents. Stating that there was much discussion by the Education Committee on these three programs, including the issues raised by Regent Clusen, he indicated that in the case of journalism programs, one of the requirements of the accrediting body was that majors in journalism could take only a maximum of 30 credits in that major.

UW-Madison, however, informed the committee that they had serious questions as to the requirements of the reviewing body in that area. The Education Committee intended to continue oversight of these matters in the future.

Regent Hanson observed that it would have been helpful to these programs if the principles of accreditation had been in effect at the time the accrediting teams came to campus. She thought the institutions regarded the principles as a tool that would be useful in the future.

Regent Weinstein asked what would be the status of the UW-Eau Claire program that lost accreditation. Chancellor Schnack replied that the university intended to reapply for accreditation in 1988-89.

Regent Flores explained that there were ten areas where the accrediting body felt there were weaknesses, and eight of the ten had been corrected. One of the two areas that remained was the question of five percent of the majors taking more credits in journalism than the accrediting society thought appropriate. The other one had to do with faculty pay, scholarship and public service. Steps were being taken to make changes in those two areas.

Vice President Trani added that the time might come when institutions would simply decide they did not want to do what an accrediting society demanded.

Regent Weinstein observed that accreditation was one means of identifying programs that might have quality problems. Institutions could respond to an unfavorable accreditation report by disagreeing with the results, attempting to improve performance, or discontinuing the program.

It was explained by Vice President Trani that the site visitation team recommended accreditation for the UW-Madison journalism program, but in an unusual move, the accrediting body decided not to accept the recommendation. UW-Madison disagreed and at some point might be unwilling to change the curriculum for the purpose of accreditation. Noting that information on accreditation reviews would be brought to the regents on an ongoing basis, Vice President Trani added that the September report would include a listing of all programs that were accredited or had not received accreditation. To identify programs with quality problems, as required by the Regent Future Study, draft guidelines were being circulated to the institutions to be used in determining which programs needed special attention.

Regent Weinstein suggested it would be helpful to have a recommendation as to whether programs which lost accreditation should be continued.

Regent Flores replied that the Education Committee had discussed at length with the UW-Eau Claire Chancellor the question of what would be done if, on resubmittal, the program did not receive accreditation. The UW-Madison journalism program, he explained, received provisional accreditation on two grounds: the number of credits a major could take in skill courses and the number of students in proportion to faculty, which was being addressed by the decision in the Regent Future Study to limit enrollment. He remarked that recent board actions should facilitate accreditation by dealing with substantive issues looked at by an accrediting body, such as numbers of students and faculty pay.

Regent Fish observed that a solution worse than non-accreditation would be accreditation for an unsatisfactory program. The goal should not be necessarily to make certain that all disciplines were accredited, he stated, but to have programs of such high quality that they would be accredited.

Regent Flores commented that loss of accreditation affected graduates and their future prospects of employment, but it did not necessarily mean the quality of the program had declined. For example, the program at UW-Madison was described as excellent, but the accrediting society thought there were some important problems. Because there could be differences of opinion on such matters, he thought it would be difficult to establish a standard policy. Instead, he considered it preferable to look at each program in consultation with institutional representatives and to help them decide what should be done.

Regent Hassett added that the committee was told the Dean of the School of Journalism at UW-Madison would call on the regents for support if it were concluded that the accrediting body's demands were unrealistic.

Awards to Five Faculty Members

*Awards*  
✓  
~~Continuing his report, Regent Flores said the Education Committee was advised of five faculty recently awarded Guggenheim Fellowships, a faculty member selected as an American Council on Education fellow for the following year, and a geographer honored by the Association of American Geographers. The committee extended congratulations to each of these faculty members.~~ p. 11

Special Presentations, UW-Milwaukee

*UW-Milwaukee*  
presentations to Education Committee by Physics Professors, p. 11  
The committee heard two interesting presentations--one by Professor Moises Levy, of the Department of Physics, who discussed current research in super-conductivity and the production of large magnetic fields; and the second, by Professor Kenneth Neusen, who spoke about water-jet cutting technology and its application in business and industry.

Five-Year Review: PhD in Management Science, UW-Milwaukee p. 11

Regent Flores reported that the program was described to the committee by Chancellor Smith, Dean Eric Schenker, and Associate Dean Kanti Prasad, who acknowledged the importance of external resources to the program's success.

There followed a troubling discussion concerning the dearth of black PhD candidates in business and engineering programs both nationally and in Wisconsin. The recommendation was that the program be continued.

UW-Green Bay

Five-Year Review BA/BS in Managerial Accounting, ~~UW-Green Bay~~

Appearing before the committee, Chancellor Outcalt, Vice Chancellor Jowett, Dean Lee Schwartz, and Professor Karl Zehms described the growth of the program, which was designed to provide students with a liberal arts background, broad exposure to several functional areas of business, and specialized training in the field of accounting. The program attracted many older, part-time, employed students, particularly from the immediate regional area of the school. The recommendation was that the program be continued.

~~UW-Green Bay~~

and

Five Year Review BSW in Social Work, ~~UW-Green Bay~~

p. 12

It was reported by Regent Flores that Vice Chancellor David Jowett, Dean Robert Bauer, and Dr. Betty Baer described the program which, during the review, developed its first accreditable curriculum and received a favorable response from the Council on Social Work Education.

The program included an interesting mix of professional, liberal arts and interdisciplinary courses, with all core courses containing appropriate minority content. The program was to be reexamined after 1988, to confirm that it met national standards for accreditation, and the board was to be informed of the results of that reexamination.

Academic Programs - Approval of

New Program Proposal (second reading): BS in Geological Engineering, UW-Madison, R 3778, p. 12

Resolution 3778, which was approved unanimously by the committee, was moved by Regent Flores, seconded by Regent Hanson and was adopted by the board, with Regent Nikolay voting "No."

Resolution 3778: That, upon the recommendation of the Acting Chancellor of the University of Wisconsin-Madison, and the President of the University of Wisconsin System, the Acting Chancellor of the University of Wisconsin-Madison be authorized to plan and implement the Bachelor Science in Geological Engineering.

Calendar

Change in Academic Year Calendar from Quarter System to Semester System, UW-Superior, R 3779, pp 12-13

Regent Flores moved adoption by the board of the following resolution, which was approved unanimously by the committee. The motion was seconded by Regent Finlayson and carried unanimously.

UW-Superior - (same)

**Resolution 3779:** That, upon the recommendation of the Chancellor of the University of Wisconsin-Superior, and the President of the University of Wisconsin System, the University of Wisconsin-Superior be authorized to change its academic calendar from a quarter system to a semester system, effective September, 1988.

*Vilas Trust Estate*  
 ✓

Acceptance of Proffer by the Trustees of the William F. Vilas Trust Estate for Support of Scholarships, Fellowships, and Professorships

R 3780,  
 P. 13

Resolution 3780, which was approved unanimously by the committee, was moved by Regent Flores, seconded by Regent Schenian, and adopted unanimously by the board.

**Resolution 3780:** That the Board of Regents of the University of Wisconsin System gratefully accepts the proffer by the Trustees of the William F. Vilas Trust Estate (copy dated April 22, 1987, on file), of the sum of \$753,925 for the year 1987-88 for the maintenance of the scholarships, fellowships, and professorships (with their respective auxiliary allowances) to be expended in the following order:

- 1) Continuation of 10 Vilas Undergraduate Scholarships at \$400.00 each \$ 4,000.00
- 2) Continuation of 10 Vilas Graduate Fellowships:
  - a. 5 at \$600.00 each \$ 3,000.00
  - b. 5 traveling fellowships at \$1,500.00 each \$ 7,500.00
  - \$10,500.00**
- 3) Continuation of 16 Vilas Research Professorships plus auxiliary allowances for the academic year as follows:

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

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

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

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



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

Salary \$10,000.00  
Auxiliary Allowance \$15,000.00

\$25,000.00

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

Salary \$10,000.00  
Auxiliary Allowance \$15,000.00

\$25,000.00

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

Salary \$10,000.00  
Auxiliary Allowance \$15,000.00

\$25,000.00

Ihab Hassan - Vilas Research Professor in  
English and Comparative Literature, College  
of Letters and Science, UW-Milwaukee

Salary \$10,000.00  
Auxiliary Allowance \$15,000.00

\$25,000.00

Jost Hermand - Vilas Research Professor in  
German, College of Letters and Science,  
UW-Madison

Salary \$10,000.00  
Auxiliary Allowance \$15,000.00

\$25,000.00

H. Jerome Keisler, Vilas Research Professor  
of Mathematics, College of Letters and Science,  
UW-Madison

Salary \$10,000.00  
Auxiliary Allowance \$15,000.00

\$25,000.00

Robert J. Lampman - Vilas Research Professor of  
Economics, College of Letters and Science,  
UW-Madison

Salary \$10,000.00  
Auxiliary Allowance \$15,000.00

\$25,000.00

Henry A. Lardy - Vilas Research Professor of  
Biological Sciences, College of Agricultural  
and Life Sciences and Graduate School, UW-Madison

Salary \$10,000.00  
Auxiliary Allowance \$15,000.00

\$25,000.00

Willard F. Mueller - Vilas Research Professor  
of Agricultural Economics, College of Agricultural  
and Life Sciences, UW-Madison

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

Walter Rudin - Vilas Research Professor of  
Mathematics, College of Letters and Science,  
UW-Madison

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

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

Salary	\$10,000.00	\$10,000.00
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Yi-Fu Tuan - Vilas Research Professor of  
Geography, College of Letters and Science,  
UW-Madison

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

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

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

To be appointed

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

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

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

\$ 50,000.00

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

\$ 32,000.00

As to the one hundred thirty (130) additional Vilas Scholarships and the fifty (50) additional Vilas Fellowships provided for in four (4) and five (5) above, the Regents will bear in mind the provisions of the Will requiring that the additional Fellowships shall be (a) awarded to graduates of the University of Wisconsin, and (b) the further provisions of the Will that for at least one-fifth of these scholarships and fellowships the Regents shall prefer in appointment worthy and qualified Black candidates, if such apply. Otherwise, they shall be appointed by the Regents in the same way as the others.

6) Retirement benefits for the following retired Vilas Professors:

David Fellman	\$ 2,500.00	
J. Willard Hurst	\$ 2,500.00	
Antonio Sanchez-Barbudo	\$ 2,500.00	
William Sewell	\$ 2,500.00	
John Willard	\$ <u>2,500.00</u>	
		\$ 12,500.00

7) Twenty (20) Vilas Associates in Arts and Humanities - to be named \$200,000.00

8) One-time special funding for:

Professor Leonard Berkowitz	\$ 1,025.00	
Professor George E. P. Box	33,900.00	
Professor Ihab Hassan	15,000.00	
Professor Henry Lardy	<u>10,000.00</u>	
		\$ 59,925.00

TOTAL \$753,925.00

*Vilas Trust*

Acceptance of Proffer by the Trustees of the William F. Vilas Trust Estate for Encouragement of Merit and Talent, or to Promote Appreciation of and Taste for the Art of Music R3780, pp 16-17

Regent Flores moved adoption of the following resolution. The motion was seconded by Regent Schenian and carried unanimously.

Resolution 3780: That, the Board of Regents of the University of Wisconsin System gratefully accepts the gift by the Trustees of the William F. Vilas Trust Estate (copy dated April 22, 1987, on file), of \$28,044.11 for the academic year 1987-88, for the encouragement of merit and talent, or to promote appreciation of and taste for, the art of music, in connection with university instruction therein, to be used for the following purposes:

1. UW-Madison: Composition and performance of new music by late twentieth century composers \$16,300.00
2. UW-Milwaukee: Development of a conference series on "Music Therapy: The Twenty First Century." \$11,744.11  
\$28,044.11

Admissions

✓ UW System Admissions Policies Update, pp 17-19

The committee reviewed a matrix and summaries of institutional responses concerning their plans to implement the changes in admissions policy the regents mandated for 1989 and 1991.

There was a lengthy discussion in committee, during which concern was expressed that the admissions policies represented on the matrix could work at cross-purposes with the regent mandates to reduce enrollments in the system.

As a result, the committee asked Vice President Trani to prepare a major presentation for the June meeting, including an assessment of what was happening elsewhere in the nation concerning entry requirements.

There was sentiment in the committee that the regents should again review and consider the admissions policy, which had been addressed in the Regent Future Study.

✓ Regent Study Group - (same)  
In discussion at the board meeting, Regent Fish pointed out that the Regent Study Group had been able to reach conclusions on the matter only after extensive testimony and debate. He felt it would be premature to reopen the issue at this stage.

Noting that there were still UW System institutions which required only three years of English and barely complemented the minimum high school graduation requirements, Regent Grover stated that he did not consider it in the public interest to maintain the current situation which he viewed as an open admissions policy. It seemed to him that more testimony was needed as to what the trend was nationally and what other major institutions of higher education were doing.

✓ Regent Policy - update on UW System admissions policy, pp 17-19  
Noting that the current regent policy required a total of 16 credits from certain disciplines, Regent Flores explained that major issue identified in committee discussion was whether to require more specifically how courses were to be distributed among those disciplines.

Regent Fish urged that the regents not reopen this issue and others that had just been resolved in the future study with unanimous approval of the board. He felt there should be a period for implementing those changes and judging results before further changes were made. Rather than being a

move toward open admissions, he viewed the admissions policy designed in the future study as being intended to raise standards and slightly decrease enrollments. If proposals from the various institutions would not achieve those goals, he considered the problem to be a matter to be dealt with by management under the guidelines set forth in the future study.

Regent Grover commented that the proposed standards would institutionalize until 1991 minimum requirements, such as two years of science, two years of mathematics, and a total of 9 credits, whereas most high school students earned up to 23 credits. Stating that he would have assumed that the institutions at least would require four years of English in a communication/technological/information based society, he said he would refuse to acquiesce to standards which did not speak to what the university ought to say to young people in terms of how they should be prepared to function adequately in the university. He suggested looking at the experience of other states, since many had sent out a much clearer signal to young people than the status quo document reviewed by the Education Committee.

Regent Fish emphasized that the purpose of the future study had been to increase quality through a variety of different steps. While the study's conclusions were not immutable, he asked that they be given the opportunity to achieve their intended goals.

Stating that there was no criticism of the future study at the Education Committee meeting, Regent Schilling commented that while the future study stated a goal, this first report on implementing new admission standards did not seem sufficiently responsive to that goal on two accounts: the stringency of the institutional standards themselves and whether or not they contradicted the goal of enrollment management.

Regent Heckrodt regarded responsibility for ensuring implementation of the future study to be a management matter and not a responsibility of the Board of Regents.

President Shaw noted that, as a result of the committee meeting, system administration was asked to prepare a report showing national trends on this subject and how the standards set forth in the future study related to those national trends. Secondly, he pointed out that the institutional standards, as reported, did meet the future study requirements of 14 academic units distributed among English, mathematics, social science, natural science and foreign language, along with two additional credits in the above areas or in the arts, computer science or other academic areas. Within those 14 credits, it was possible for a student to take three years of English, and qualify for admission at the two remaining institutions which did not require four years of English. However, in order to meet the total credit requirement, the student then would need to take four years of either science, mathematics or history. The issue, therefore, was whether the overall standard was appropriate.

Regent Flores indicated that there were three areas of concern commented on during committee discussion. One was how admission standards related to enrollments in, for example, the four institutions which allowed the top 70 or 75 percent of high school graduates to apply. The committee expected a report the next month on how the institutions were going to deal

with the question of enrollment management. Second, there was the concern raised by Regent Grover that two institutions required only three units of English; and finally, there was concern about lack of a foreign language requirement. The committee intended to continue studying this matter, but it was not known at this time if there would be a recommendation for change in the regent policy.

*✓*  
UW-Stout - Explanation of new cd professorship program, p. 19

Named Professorships, UW-Stout

Continuing the report of the Education Committee, Regent Flores referred to the named professorship program, which was described by Chancellor Swanson. Established through the UW-Stout Foundation, the goal was for 50 professorships within five years.

*✓*  
Authorizations to Recruit -

Authorization to Recruit for a Dean of University Outreach, UW-Madison

*R 3782  
PP 19-20*

In considering this request, the Education Committee discussed the function of the Dean of Outreach, the status of the integration of UW-Extension faculty into the institutions of the system, particularly UW-Madison, and the extent to which there had or had not been a reduction of administrative costs as a result of integration.

*✓*  
UW-Extension - (same)

After considerable debate, the authorization was amended by the committee, with one negative vote, to provide that the position would terminate on June 1, 1988, unless continued by action of the Board of Regents. The resolution as amended then was approved.

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

Resolution 3782: That, upon the recommendation of the Acting Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Authorization to Recruit for a Dean and Professor of University Outreach, be approved; provided, however, that this position will terminate on June 1, 1988, unless continued by action of the Board of Regents.

Regent Hanson moved to amend the resolution by striking the words, "provided, however, that this position will terminate on June 1, 1988, unless continued by action of the Board of Regents." She considered it unreasonable to ask a new dean to serve for so short a period and then to have a section of the university operating without a dean. Regent Fish seconded the motion for the purpose of discussion.

Regent Schilling explained that the resolution's amendment in committee was prompted by concerns about the status of integration. While much had been accomplished, Chancellor Boyle and Acting Chancellor Cohen advised that the position was still needed. Since there was a study to be made on the status of integration generally, it seemed to him there should be a sunset

provision placed on the deanship, so that the new dean and new chancellor could assess the situation. When the position was created, Regent Schilling recalled, it was the thought that the position would be short term.

While she felt a status report in one year would be appropriate, Regent Hanson objected to the sunset provision in only one year. If the two chancellors considered the deanship necessary, she felt the regents should respect that judgment.

Regent Heckrodt supported the sunset provision on the basis that the new chancellor should have a voice in the matter and the provision would provide an automatic opportunity for follow up.

Speaking against the proposed amendment, Regent Flores noted that the position had been changed from full to half time and that it was to be filled by a current faculty member. If continuation of the position were not approved in a year, it would not mean that a dean who came from the outside would be left without a job.

Put to a voice vote, the amendment failed.

The question then was put on Resolution 3781, and it was adopted, with Regent Hanson voting "No."

*Minutes - Adoption of*

Resolution on Racism, R 3783, pp 20-25

Regent Flores reported that Bryce Tolefree, President of United Council, appeared before the committee for the purpose of presenting a resolution on racism. Speaking before the committee in support of the resolution in addition to Mr. Tolefree were Adrian Serrano, President of UW-Parkside student government and president-elect of United Council; George P. Hinton, candidate-president, Black Student Union, UW-Milwaukee, and treasurer, NAACP; Ronald W. Hendree, secretary, NAACP, UW-Milwaukee; Harold W. Annen, Jr., president-elect, UW-Milwaukee student government. The board also received a letter in support of the resolution from David Woldseth, legislative affairs chairperson, Wisconsin Student Association, UW-Madison. Appearing before the committee in general support of the resolution, but objecting to the regents recommending specific curricular requirements were: Teresa Peck, chair, UW-Parkside University Committee; and M. Crawford Young, chair, UW-Madison University Committee. Appearing before the committee in broad support of the resolution was Elizabeth Blumberg, chair, UW-Whitewater Faculty Senate, who also felt the curricular requirements would limit support for the resolution.

*(Xref) Regent Study Group on Future - (same)*

A substitute motion by Regent Schilling, seconded by Regent Hassett failed to pass by roll call vote of 3-4.

Regent Flores moved adoption by the board of the following resolution which the committee had approved on a roll call vote of 4-3. The motion was seconded by Regent Schenian.

*(Xref) Regent Policy - (same)*  
*(Xref) Racism - see "Minutes" + "Regent Policy"*

Whereas, SG 17 of the Regents Future Study Group report reaffirmed the University System's commitment to the special needs of minority students; and

Whereas, traditional US minority enrollments, particularly those of black students, have declined drastically during the last ten years; and

Whereas, a number of incidents have recently occurred on campuses throughout the system, which illustrate racism or cultural insensitivity; and

Whereas, racial ignorance is intolerable at the university level; and

Whereas, a university community should promote cultural and ethnic pluralism; and

Whereas, the obligation rests with the university to take corrective measures to alleviate these serious problems;

Therefore, be it resolved that:

1. The Board of Regents condemns all acts of racism or cultural insensitivity that are occurring throughout the UW System;
2. The Board of Regents will encourage inclusion of ethnic studies as part of mandatorily required courses in general education requirements at the individual UW institutions;
3. The Board of Regents will direct UW System lobbyists to make minority institutional and state aid programs, and other programs to enhance the recruitment of minority students and faculty a top priority in the state budget deliberations;
4. The Board of Regents directs the University System to hold accountable those institutional administrative officers responsible for the implementation of policies and supervision of programs to meet the goals set by the Board of Regents and the State of Wisconsin.

Regent Finlayson offered the following substitute resolution in an attempt to incorporate some of the students' suggestions, while at the same time addressing concerns about mandating of courses. The motion was seconded by Regent Schilling.



Whereas, SG 17 of the Regents Future Study Group report reaffirmed the University System's commitment to the special needs of minority students; and

Whereas, US minority enrollments, particularly those of black students, have declined drastically during the last ten years; and

Whereas, a number of racist incidents have recently occurred on campuses throughout the system, which tends to threaten campus tranquility and impacts negatively on recruitment and retention of minority students and faculty; and

Whereas, racism in any form is intolerable at the university level; and

Whereas, a university community should promote cultural and ethnic pluralism; and

Whereas, the obligation rests with the university to take corrective measures to alleviate these serious problems;

Therefore, be it resolved that:

1. The Board of Regents condemns all acts of racism and/or cultural insensitivity anywhere in the UW System.
2. The Board of Regents encourages the development and implementation of studies and programs, such as multicultural ethnic understanding and acceptance workshops at all of the UW campuses.
3. The Board of Regents applauds and endorses President Shaw's leadership and new initiatives toward the elimination of racism and discrimination in all its forms, and the improvement of the status of minority faculty and students in the UW System.
4. The Board of Regents directs the University System to hold accountable those university administrative officers responsible for the implementation of policies and supervision of programs to meet the goals set by the Board of Regents and the State of Wisconsin.

President Weinstein referred to a letter distributed that day from UW System faculty representatives who supported having a resolution on racism but who objected to language in the original resolution which encouraged the inclusion of ethnic studies as part of mandatorily required courses in general education. He noted that the substitute resolution dealt with that concern.

Regent Flores said he could support the substitute resolution if it could be amended to include paragraph 3 of the original resolution.

So that the substitute resolution could be considered for amendment, Regent Flores withdrew his motion to adopt the original resolution while reserving the right to reintroduce it. Regent Schenian withdrew his second.

Regent Schenian moved to amend the substitute resolution by including, as a final paragraph, clause 3 of the original resolution's resolved clauses, and striking from that clause the word "lobbyist" as had been suggested by Regent Fish. The motion was seconded by Regent Finlayson.

Regent Weinstein asked Mr. Tolefree if United Council could endorse the substitute resolution, and Mr. Tolefree responded in the affirmative.

Regent Heckrodt expressed concern about the board being requested to reaffirm a position they clearly had endorsed previously and had supported vigorously. Such a resolution might be construed to mean that regents had not acted before on the matter.

Speaking in opposition to the amendment, Regent Clusen observed that the intent of the paragraph proposed for addition was included in the existing language.

While her original language was intended to be broad enough to include budgetary priorities, Regent Finlayson said she could support the amendment since it was favored by the students.

The amendment passed on a roll call vote, with Regents Finlayson, Fish, Flores, Grover, Hassett, Knowles, Schenian and Weinstein voting "Aye" (8) and Regents Clusen, Hanson, Heckrodt, Lyon, Nikolay and Schilling voting "No" (6).

Regent Heckrodt suggested adding as a clarification the word "system" after the word "university" in the final whereas clause. There being no objection, this change was made.

At the suggestion of Regent Fish and there being no objection, the first whereas clause was amended to add the words "with specific proposals" after the word "students."

In response to a question by Regent Fish as to the numbers which justified use of the word "drastically" in the second whereas clause, Associate Vice President Lattin indicated black enrollment had declined about ten percent in the last six years. Regent Weinstein added that this figure was higher than in the nation as a whole but comparable to other midwestern states.

Two additional modifications were made at the suggestion of Regent Fish and without objection from other board members. In the third whereas clause, the word "in" was substituted for the word "throughout" before the words "the system."

In the fourth whereas clause, the words "at the university level" were stricken, on the basis that racism was not tolerable at any level.

Regent Nikolay stated that his vote against the resolution should not be taken as an indication that he was not opposed to racism. Although the board had consistently made every effort to encourage minority enrollment, there was still a problem and no one seemed able to identify what more should be done. He considered the resolution to be empty rhetoric which provided no solutions.

Regent Flores said he supported the resolution because people throughout the state, and students in particular, were looking to the regents for moral leadership on this issue, and he considered it appropriate and proper for the board to reaffirm its position against racism. The board's past efforts to increase minority enrollment and retention did not, in his view, mitigate the need for such action.

President Shaw noted that in the Education Committee the word "racist" was taken out of the original resolution because some committee members did not know if such incidents could be empirically demonstrated. The word was included in this resolution.

As one who suggested that the word be removed from the original resolution, Regent Flores said he since he had been persuaded that the word was appropriate.

Put to the vote, the amended resolution as follows was adopted, with Regent Nikolay voting "No."

Resolution 3783: Whereas, SG 17 of the Regents Future Study Group report reaffirmed the University System's commitment to the special needs of minority students, with specific proposals; and

Whereas, US minority enrollments, particularly those of black students, have declined drastically during the last ten years; and

Whereas, a number of racist incidents have recently occurred on campuses in the system, which tends to threaten campus tranquility and impacts negatively on recruitment and retention of minority students and faculty; and

Whereas, racism in any form is intolerable; and

Whereas, a university community should promote cultural and ethnic pluralism; and

Whereas, the obligation rests with the university system to take corrective measures to alleviate these serious problems;

Therefore, be it resolved that:

1. The Board of Regents condemns all acts of racism and/or cultural insensitivity anywhere in the UW System.

2. The Board of Regents encourages the development and implementation of studies and programs, such as multicultural ethnic understanding and acceptance workshops at all of the UW campuses.
3. The Board of Regents applauds and endorses President Shaw's leadership and new initiatives toward the elimination of racism and discrimination in all its forms, and the improvement of the status of minority faculty and students in the UW System.
4. The Board of Regents directs the University System to hold accountable those university administrative officers responsible for the implementation of policies and supervision of programs to meet the goals set by the Board of Regents and the State of Wisconsin.
5. The Board of Regents directs the UW System to make minority institutional and state aid programs, and other programs to enhance the recruitment of minority students and faculty, a top priority in state budget deliberations.

Regent Schenian encouraged faculty to take the initiative, along with student governments, in developing new ways of dealing with racial problems.

#### Named Professorships, UW-Stout

Regent Flores presented the following resolutions, which were approved in closed session of the Education Committee.

Upon motion by Regent Flores, seconded by Regent Schenian, Resolution 3784 was unanimously adopted by the board.

*UW-Stout Staff; Dahlgren professors named;*  
 Resolution 3784: That, upon the recommendation of the Chancellor of the University of Wisconsin-Stout and the President of the University of Wisconsin System, the following University of Wisconsin-Stout faculty members be designated Dahlgren Professors for the period 1987-89:

→ ~~Pricilla Huffman, Professor, Department of Human Development, Family Living and Community Educational Services;~~

→ ~~Marvin Kufahl, Professor, Department of Materials and Processes, School of Industry and Technology;~~

→ ~~George Nelson, Professor, Department of Biology, School of Liberal Studies;~~

→ and Calvin Stoudt, Professor, Department of Counseling and Psychological Services, School of Education and Human Services. ) R 3784 p. 25

*uw-stout-staff - Hornel professors named*

Resolution 3785 was moved by Regent Flores, seconded by Regent Schenian and unanimously adopted by the board.

✓ Resolution 3785: That, upon the recommendation of the Chancellor of the University of Wisconsin-Stout and the President of the University of Wisconsin System, the following University of Wisconsin-Stout faculty members be designated Hornel Professors for the period 1987-89:

*Sand*  
~~Kenneth Heintz, Professor, Department of Apparel, Textiles and Design, School of Home Economics;~~

~~Lee Smalley, Professor, Department of Industrial and Marketing Education, School of Industry and Technology.~~

*R 3785, p. 26*

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Chairman Lyon presented the report of the committee.

Gifts, Grants and U.S. Government Contracts

Assistant Vice President for Business and Finance, Ray Marnocha, reported to the committee that total gifts, grants and contracts through the tenth month of this fiscal year was \$298.7 million, or \$21.6 million more than the same period last year (a 7.8 percent increase). The non-federal share increased 26 percent, or \$15.2 million over a year ago, while the federal share increased 2.9 percent, or \$6.3 million over the same period. Primary changes in federal receipts were an increase in research (\$15.2 million), and decreases in instruction (\$1.6 million) and student aid (\$6.8 million).

Resolution 3786, which was unanimously approved by the committee, was adopted unanimously by the board.

Resolution 3786: 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.

Gifts & Grants

Acceptance of the Dr. James A. Grindell Bequest

R 3787, p 27

Regent Lyon reported the committee's unanimous recommendation to accept the Dr. James A. Grindell bequest, which would provide approximately \$200,000 to the Medical School to establish a scholarship fund for needy medical students, with determination of need to be done by the financial officers at the university.

x ref Grindell, Dr. James A. - Request to Medical School for Resolution 3787 was moved by Regent Lyon, seconded by Regent Knowles and unanimously adopted by the board. scholarships, R 3787, p. 27

Resolution 3787: That the bequest of the late Dr. James A. Grindell, San Diego, California, be accepted by the Board of Regents of the University of Wisconsin System in accordance with the terms and conditions of the will, and that the Trust Officer or Assistant Trust Officers be authorized to sign receipts and do all things necessary to effect the transfer for the benefit of the Medical School, University of Wisconsin-Madison.

(The bequest under the will leaves the remainder of the estate as follows:

"I give, devise and bequeath to the Medical School of the University of Wisconsin to establish a scholarship fund for needy medical students."

(Dr. Grindell was a 1937 graduate of the Medical School. The University will receive approximately \$200,000.)

Computers

Response to the Audit Report on Computer Sales

R 3788, pp 27-28

Regent Lyon summarized for the committee events leading to the appointment of the Special Task Force on Personal Computer Sales and the report before the regents. The Regent Audit Committee had previously reviewed the university practice of selling computers and agreed to recommend discontinuing the practice. Upon the request of the Legislative Joint Committee on Audit, the special task force was appointed and the report before the board was prepared. During committee discussion, it was noted that computers were becoming as integral to instructional programs as textbooks and that university involvement in the sale of computers was in the interest of minimizing cost to students and the faculty. The committee unanimously approved Resolution 3788, which was intended to help provide for reduced costs while not competing with private dealerships.

Audit - (same)

The following resolution was moved by Regent Lyon and seconded by Regent Knowles:

**Resolution 3788:** That UW institutions be restricted from the direct sales of computers except when:

- 1) a manufacturer's dealer designated to sell computers at an educational discount either refuses to participate in a computer sales program or is not accessible to the UW institution, or
- 2) the manufacturer does not have a designated dealer program.

If the manufacturer does not have a designated dealer program, the university must contact local dealers to determine interest in a joint program.

For any direct sales, the selling price must include full recovery of the institution's direct and indirect costs. System Administration shall annually review computer sales programs to ascertain any changed circumstances.

Regent Weinstein pointed out that the word "accessible" was intended to mean geographically accessible.

Resolution 3788 was then adopted, with Regent Nikolay voting "No."

Recision of Regent Policy Document 72-12 Requiring Reports on Remission of Non-Resident Tuition under s. 36.27(3)(b), Wis. Stats. R 3789, pp 28-29

Assistant Vice President Marnocha discussed with the committee the merits of delegating to the chancellors responsibility for granting nonresident tuition remissions to students. Historically, the institutions had administered all five categories of remissions for their students within the applicable dollar ceiling, with regular monitoring by the Vice President for Business and Finance and System legal counsel. The committee unanimously approved Resolution 3789, which formally delegated this responsibility to the chancellors and authorized the vice president for business and finance to require institutions to submit reports on the administration of remissions programs. It would eliminate a requirement to provide to the regents a list of recipients of one category of remissions. A complete report on all five areas of remission categories would be included in the annual financial report.

Adoption by the board of Resolution 3789 was moved by Regent Lyon, seconded by Regent Schenian and carried unanimously.

Resolution 3789: That Resolution 251, July 14, 1972 (RPD 72-12), be rescinded; that the authority granted in section 36.27(3), Wisconsin Statutes, to remit nonresident tuition be delegated to the chancellor of each institution in the System; and that the Vice President for Business and Finance be responsible for monitoring the granting of such remissions and be authorized to require institutions in the System to submit such reports on the administration of section 36.27(3) as the Vice President may from time to time require.

Report of the Vice President for Business and Finance

Fiscal Year 1986-87 Projection Summary Report

In reviewing the Fiscal Year 1986-87 Projection Summary Report, Mr. Marnocha reported to the committee that the uncommitted balance for revenue shortfall and other contingencies as of April 30, 1987, was \$1,492,142.

*Municipal Services - Resolution of concern regarding state Chargeback for Municipal Services*

*R 3790, pp 29-30*

Regent Lyon summarized a report to the committee by President Shaw on charges for municipal services that would be directed by pending legislation. The Governor's proposal included a charge of \$3.5 million to program revenues and an additional \$1.2 million to non-program revenue sources. These charges translated into additional fees of approximately \$10 in segregated fees and \$9 in academic fees. Expressing concern about charging of municipal services to student academic fees, to federal indirect cost reimbursement, and to program revenues, the committee unanimously approved Resolution 3790.

*Fees - Concern about how chargeback for municipal services would affect student*

Adoption by the board of Resolution 3790 was moved by Regent Lyon and seconded by Regent Finlayson.

*fees, R 3790, pp 29-30*

Resolution 3790: Recognizing that the Joint Committee on Finance has acted to modify the Governor's proposal for chargeback of non-GPR costs for municipal services;

Resolved that the Board of Regents expresses its concern regarding, and objects to, the provisions which assess chargeback of municipal services to student academic fees and federal indirect cost reimbursement;

Further resolved that the Board of Regents expresses its concern that prior to final legislative approval of chargebacks to program revenue appropriations should they occur, provision be made by state government to identify municipal service costs based on a formula which reflects actual services provided to each institution;



And be it further resolved that the Board of Regents expresses its appreciation to the members of the Joint Committee on Finance for their understanding and support in deleting provisions for chargeback of a portion of municipal services to gifts and trusts.

At the board meeting, Regent Heckrodt pointed out that the UW Hospital and Clinics' portion of the chargeback amounted to \$700,000 for fire protection.

Regent Lyon explained that most other services, such as security and waste treatment, were provided by the hospital itself. The proposed chargebacks for the UW System totaled \$4.7 million.

Regent Weinstein added that in comparing system institutions with one another, there was no relationship between the number of students and the amount of the proposed chargeback, which was why the resolution requested that a formula be developed to reflect actual services provided to each institution.

Regent Lyon emphasized that these chargebacks would pass on \$19 more cost to each student on top of a 12 percent tuition increase and increases in segregated fees.

Put to the vote, Resolution 3790 was unanimously adopted.

*Hearing Aids - Report on*

Dispensing of Hearing Aids to Center for Health Sciences Patients, p. 30

Vice Chancellor Jay Noren and Gordon Derzon, Superintendent of UW Hospital, reported to the committee on dispensing of hearing aids by the Center for Health Sciences, which was limited to UW Hospital patients. Persons referred to the hospital typically had complicated problems requiring specialized evaluation. Additionally, the evaluations were made as part of the medical education and research programs of the university. The letter of explanation from Dr. Noren to Don Bezruki, of the Legislative Audit Bureau, was to be forwarded to the Legislative Joint Committee on Audit by the audit bureau.

*Hospital - (same)*

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

The report of the committee was presented by Chairman Nikolay.

Approval of Major Project Concept and Budget Reports, UW-Madison

Reporting unanimous committee approval of Resolution 3791 and 3792, Regent Nikolay said the first would approve the concept and budget report and authority to plan, bid and construct the Memorial Library addition project at UW-Madison. This \$14,990,000 project provided for construction of an eight story addition which would be a vertical expansion of the

three-story addition constructed in 1974. The project was largely stack space plus about 4,000 assignable square feet for study carrels to accommodate approximately 100 students.

Funding from 1985-87 and 1987-89 was to be utilized for construction and interior finishing of all eight floors. However, since the building would not be completed until January of 1990, funding for compact shelving for two of the eight floors (estimated at approximately \$2,000,000) was to be requested in the 1989-91 biennium.

This project was intended to solve a series of related library problems on the campus. In its full configuration, to be realized in the 1995-97 biennium upon the completion of compact shelving installation work, Memorial Library would have a capacity of approximately 4.7 million volumes. Thus, the addition would meet not only Memorial's needs, but also the shelving capacity needs of sixteen other major libraries on the UW-Madison campus through the year 2001.

The second resolution concerned approval of a series of components relating to the Dan McClimon Memorial Track improvements--phase II project at UW-Madison, the purpose of which was to construct a stadium-type facility to use with the outdoor running track that was reconstructed in 1984-85. The request presented for consideration was for approval of a master plan involving an expanded scope of development and an increase in the budget from the \$285,000 enumerated in the 1985-87 capital budget to a revised total project cost of \$1,342,375, with the entire project to be financed from gift funds. Authority was also requested to proceed with a \$350,000 portion of the project at this time, with the remainder of the project, subject to enumeration in the 1989-91 biennium.

*✓ Bldg + Land - Approval of concept + budget report for Memorial Library*

It was moved by Regent Nikolay and seconded by Regent Schenian that the following resolutions be adopted by the board; *addition of Dan McClimon Memorial Track Improvements, R 3791 + 3792*

Resolution 3791: That, upon the recommendation of the UW-Madison Acting Chancellor and the President of the University of Wisconsin System, the Concept and Budget Report be approved for the Memorial Library Addition and authority be granted to plan, bid and construct the project at a total project cost of \$14,990,000. Funding will be from the following sources:

*✓ Library - Approval  
Memorial Library  
addition, R 3791, pp 30-32*

1985-87 General Obligation Bonding	\$5,900,000
1987-89 General Obligation Bonding	7,090,000
1989-91 General Obligation Bonding	2,000,000
	<u>\$14,990,000</u>

*✓ McClimon, Dan - Approval of Dan McClimon Memorial Track Improvements, Phase II, R 3792, pp 30-32*

Resolution 3792: That, upon the recommendation of the UW-Madison Acting Chancellor and the President of the University of Wisconsin System, approval be granted for the following components of the Dan McClimon Memorial Track Improvements - Phase II project:

*x ref ✓ Athletics - (same as above)*

- (1) A Master Plan which involves an expanded scope of development to increase total spectator seating from 4,000 to 6,000, to include a communications center and operations area, and provide lockers/showers for home and visiting teams for male and female participants and an increase in the budget from \$285,000 to a revised total project cost of \$1,342,375, from Gift Funds and
- (2) Authority to proceed with a \$350,000 portion of the project at this time, with the remainder of the project subject to enumeration in the 1989-91 biennium.

In response to a question by Regent Fish, Vice President Brown said that \$13 million of the request for the Memorial Library addition had been approved by the Building Commission.

With regard to the second resolution, Regent Fish asked if sources of the gift funds had been identified.

Replying in the negative, Vice President Brown said there were only \$350,000 at the present time. The project would go forward only to the extent that additional gift funds were forthcoming.

Put to the vote, Resolutions 3791 and 3792 were then unanimously adopted.

*UW - Superior - Bldgs + Land - Approval of increased budget to add air conditioning to project*

Increase in Major Project Budget to Add Air Conditioning, UW-Superior

Regent Nikolay reported unanimous committee approval to increase the scope of work for the Erlanson Hall remodeling project at UW-Superior to provide for full air conditioning of the building. While it was originally planned that only selected areas of the building would be air conditioned, it later became apparent that a greater number of rooms would have uses requiring air conditioning and that cooling could probably be provided for the entire building at about the same construction cost. Bids received resulted in a postbid budget of \$835,000, which is \$139,000 below the authorized \$974,000 so that funds were available to pay for this \$87,500 of additional work.

Resolution 3793 was adopted unanimously, upon motion by Regent Nikolay, seconded by Regent Heckrodt.

Resolution 3793: ~~That, upon the recommendation of the UW-Superior Chancellor and the President of the University of Wisconsin System, approval be granted to increase the scope of work for the 1985-87 Erlanson Hall Remodeling project, to complete the facility's environmental control system at an estimated additional cost of \$87,500, for a revised total project cost of \$922,500, to be funded from UW System Academic Residual Bonding Authority.~~

*→ R 3793, p. 32*

Telecommunications

Completion of Telecommunication System Networks, UW-Stevens Point and UW-Whitewater, R 3794 & R 3795, pp 33-34

The committee unanimously approved resolutions to complete existing telecommunications system networks at UW-Stevens Point and UW-Whitewater. In both instances, funding limitations at the time each university bought out its existing telephone system did not allow linking all buildings and computers to the system. At UW-Stevens Point, the \$340,710 project would connect to the network 375 academic computers, 150 administrative computer users and a new computer for student record processing. Connections would also be made to allow staff to communicate with computer resources in Madison and the Treehaven Natural Resources Camp.

At UW-Whitewater, the existing fiber optics network would be extended to an additional eleven buildings and would supplement an existing WangNet network currently installed in eight buildings. Planning included provisions to easily expand the network into new building construction. The major components of this extension were the outside cable plant, the electronic components and the inside cable plant. The proposed network would provide services to that portion of the campus currently without services or, in some cases, to offices using very old, obsolete equipment that must be replaced. The project would allow the campus to complete phase II of the office automation project identified in UW-Whitewater's long-term planning. The requested \$88,000 would not be used to acquire any equipment such as workstations but solely for purchase and installation of the components needed to extend the telecommunications network. The telecommunications borrowing authority granted to the State Building Commission was to be used as the funding source for these two projects.

Regent Nikolay moved and Regent Heckrodt seconded adoption by the board of Resolutions 3794 and 3795.

UW-Stevens Point - Approval of construction of

Resolution 3794: ~~That, upon the recommendation of the UW-Stevens Point Chancellor and the President of the University of Wisconsin System, approval be granted to plan, bid and construct a 1987 Telecommunications Network Expansion project, at a total estimated cost of \$340,710 utilizing the 1985-87 Telecommunications Borrowing Authority granted to the State Building Commission.~~

→ R 3794  
pp 33-34

UW-Whitewater - Approval of construction for

Resolution 3795: ~~That, upon the recommendation of the UW-Whitewater Chancellor and the President of the University of Wisconsin System, approval be granted to plan, bid and construct a 1987 Telecommunications Network Expansion project, at a total estimated cost of \$88,000 utilizing the 1985-87 Telecommunications Borrowing Authority granted to the State Building Commission.~~

→ R 3795, pp 33-34

In response to a question by Regent Fish, Vice President Brown explained that the UW-Stevens Point project was not enumerated, even though it was over \$250,000, because it was to be funded from an all-agency appropriation.

Replying to a question by Regent Fish about the status of a systemwide telecommunications committee, President Shaw explained that there were two committees, the first of which was concerned with the larger question of computerization and how to pool resources and best plan for the future. Executive Vice President Lyall was chairing that committee, which had held two meetings. The second group was concerned solely with telecommunications and particularly with the instructional aspect.

Regent Fish recalled that when these studies were authorized, it was with a caution against purchasing telecommunications equipment, as well as computers, until those committees reported. He asked if these purchases ran the risk of not being compatible with what the committees might recommend.

President Shaw assured the board that requests were being very carefully analyzed to ensure that the result would not be obsolete equipment after the committee recommendations were made. There were occasions, he added, when projects should be approved because institutions already had a considerable amount invested in a certain kind of equipment. In that regard, it was necessary to be pragmatic, recognizing that past history must be taken into consideration in dealing with future requests.

Put to the vote, Resolutions 3794 and 3795 were adopted unanimously.

#### Approval of Minor Projects

Continuing the report of the Physical Planning and Development Committee, Regent Nikolay related unanimous committee approval of two minor projects, the first being Eagle Heights Drive reconstruction at UW-Madison for an estimated total project cost of \$235,000, to be funded from program revenues. This involved replacement of a badly deteriorated one-half mile long bituminous road which was constructed in 1960. Some paving to create additional parking and construction of a 1,250 foot bituminous walkway from Lake Mendota Drive to the main bus shelter also were included.

The second project was remodeling of a first floor support area in the Jim Dan Hill Library at UW-Superior, in order to house the library automation system equipment which the university was to receive. The estimated cost of \$35,000 was to be funded from the 1985-87 minor projects allocation.

Resolution 3796 was moved by Regent Nikolay, seconded by Regent Heckrodt and adopted unanimously by the board.

Resolution 3796: That, upon the recommendation of the UW-Madison and UW-Superior 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 and from the funding sources indicated:

*✓ Bldgs + Land - Approval of*

UW-Madison

~~Eagle Heights Drive Reconstruction, \$235,000, Program Revenues~~ R 3796, pp 34-35

*✓ Approval for*

UW-Superior - Bldgs + Land -

~~Jim Dan Hill Library Remodeling, \$35,000, 1985-87 Minor Projects Fund Allocation~~ R 3796, pp 34-35

Report of the Vice President

Information reports which required no action by the committee related to bid openings and actions of the State Building Commission on requests presented at the April meeting.

Fifteen projects had been bid since then, with prebid budgets totaling \$4,196,050. Two projects were bid at their approved budgets, two projects exceeded their approved budgets by \$26,800 and six projects were under the approved budgets by a total of \$944,460. Thus, the result of the biddings was a net of \$917,660 below the authorized budgets.

Authorization for Property Transfer, UW-Madison

Concluding the committee report, Regent Nikolay stated that the committee unanimously approved a request from UW-Madison relating to the site for the police and security facility. In order to provide an adequate parking area for the new building and to provide for the most efficient use of the site, the City of Madison had agreed to the relocation of a portion of an existing alley to allow access through the proposed parking area. Approval of this request would authorize the board officers to execute a quit claim deed transferring 1,093 square feet of property to the City of Madison. In exchange, the city would vacate 1,427 square feet of land, for a net gain to the university of 334 square feet.

*✓ Bldgs + Land - Transfer + exchange of property with City of Madison for*

The following resolution was unanimously adopted by the board, upon motion by Regent Nikolay, seconded by Regent Heckrodt:

*Police and Security Building, R 3797*

Resolution 3797: That, upon the recommendation of the UW-Madison Acting Chancellor and the President of the University of Wisconsin System, the President or Vice President and Secretary or Assistant Secretary of the Board be authorized to execute a quit claim deed conveying to the City of Madison, a municipal corporation, the following described parcel:

*pp 35-36*

A portion of Lot 6, Block 1, Moran's Addition to the City of Madison, a recorded plat located in the Northeast 1/4 of Section 22, Town 7 North, Range 9 East, City of Madison, Dane County, Wisconsin, more fully described as follows:

*✓ Police + Security Bldg - (same)*

Commencing at the most westerly corner of Lot 2, Block 2, of said plat; thence North 49°50'15" East (recorded as South 50°30' West), 142.02 feet, along the Southeast right-of-way line of Monroe Street to the point of beginning; thence South 38°55'20" East, 84.07 feet to the Northwest right-of-way line of the alley as dedicated in said plat; thence North 49°50'15" East, 13.00 feet, along the said Northwest right-of-way line; thence North 38°55'20" West, 84.07 feet to the Southeast right-of-way line of Monroe Street; thence South 49°50'15" West (recorded as South 50°30' West), 13.00 feet to the point of beginning.

The property is being conveyed for street purposes only, to replace alleys vacated by the City which are required as part of the site for the University's Police and Security Building.

*UW-Milwaukee - Resolution of appreciation to UW-Milwaukee for holding meetings, R 3798, p. 36*

**ADDITIONAL RESOLUTIONS**

Resolution 3798 was read and moved by Regent Schilling, seconded by Regent Finlayson and adopted unanimously by the board.

*X ref Regent Meetings - (same)*  
Resolution 3798: Whereas, the Board of Regents has had the pleasure of holding its May 1987 meetings at UW-Milwaukee; and  
Whereas, the interesting and informative presentations, tour and other special arrangements have greatly enhanced this visit; and

Whereas, it is appropriate at this time to note that Chancellor Smith is completing his first academic year of dynamic leadership at the helm of UW-Milwaukee, his appointment to the chancellorship having been announced one year ago on this date by the Board of Regents; and

Whereas, the gracious and warm hospitality extended by Chancellor and Mrs. Smith and the entire UW-Milwaukee community has been very much appreciated;

Therefore, be it resolved that the Board of Regents hereby expresses its gratitude to UW-Milwaukee for a most memorable and enjoyable visit.

At 11:40 a.m., the following resolution, moved by Regent Schenian, and seconded by Regent Nikolay, was unanimously adopted on a roll call vote, with Regents Clusen, Finlayson, Fish, Flores, Hanson, Hassett, Heckrodt, Knowles, Lyon, Nikolay, Schenian, Schilling and Weinstein voting "Aye" (13), and no regents voting "No."

Resolution 3799: 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 personal histories related to potential Board of Visitors' appointments at UW-Stevens Point, 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 ACTIONS

The board arose from closed session at 12:30 p.m. and made the following announcements:

Resolution 3800: That, upon the recommendation of the UW-Stevens Point Chancellor and the President of the University of Wisconsin System, the following fifteen persons be appointed as charter members of the UW-Stevens Point Board of Visitors:

*✓ UW-Stevens Point - Visitors - 15 appointments to Body of Visitors!*

For terms ending May 1988:

- ~~William A. Bablitch, of Madison, Wisconsin~~
- ~~James S. Crane, of Appleton, Wisconsin~~
- ~~Vern H. Holmes, of Stevens Point, Wisconsin~~
- ~~Martha M. Kronholm, of Vesper, Wisconsin~~
- ~~John E. Regnier, of Stevens Point, Wisconsin~~

For terms ending May 1989:

- ~~John M. Baumgartner, of Chicago, Illinois~~
- ~~Frank C. DeGuire, of Milwaukee, Wisconsin~~
- ~~Judy A. Goldsmith, of Arlington, Virginia~~
- ~~William J. Horvath, of Stevens Point, Wisconsin~~
- ~~John E. Roberts, of Stevens Point, Wisconsin~~

For terms ending May 1990:

- ~~C. D. "Buzz" Besadny, of Madison, Wisconsin~~
- ~~Marian G. Joanis, of Stevens Point, Wisconsin~~
- ~~Patrick D. McDonough, of Battle Creek, Michigan~~
- ~~George W. Mead, of Wisconsin Rapids, Wisconsin~~
- ~~Dorothy K. Vallier, of Nequon, Wisconsin~~

*R 3800, p. 37*



Board of Regents Meeting 5/8/87

*UW Center - Fond du Lac - Appointment of Dr. Brad Gottfried as Dean on 9/1/87, R 3801, p. 38*

Resolution 3801: That, upon the recommendation of the Chancellor of the University of Wisconsin Centers and the President of the University of Wisconsin System, Dr. Brad Gottfried be appointed Dean of the University of Wisconsin Center-Fond du Lac and Associate Professor, with tenure, of Biological Sciences, effective September 1, 1987, at an annual salary of \$45,000.

*p. 38*

*Attorney General - Concurrence of Board of Reg. Rec. recommendation to*

Resolution 3802: That the Board of Regents concurs in the Attorney General's recommendation to appeal the decision in the Katherine King case, R 3802, p. 38

*(X ref King, Katherine - same)*

The meeting was adjourned at 12:30 p.m.

*(X ref Appeals - same)*

*Judith A. Temby*  
\_\_\_\_\_  
Judith A. Temby  
Secretary

May 29, 1987

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## EXTENSION AND PUBLIC SERVICE

1. WISCONSIN 4-H FOUNDATION, INC.  
MADISON, WI  
MECHANICAL SCIENCES 4-H  
MSN AG&LSC AG ENGINEERING (133-L132) 200.00
2. NATIONAL AMERICAN WHOLESALE GROCERS ASSOCIATION  
FALLS CHURCH, VA  
SUPPORT PROGRAMS OF THE DEPARTMENT OF BUSINESS AND  
MANAGEMENT  
MSN BUS MANAGMENT INSTIT (133-4539) 1,800.00

## GIFT-IN-KIND

1. H. J. MCGINNIS  
WAUPACA, WI  
1-EMERSON 33 CRE NEGATIVE PRESSURE PUMP, 1-  
EMERSON PONCHO WRAP, 1- EMERSON SIZE MEDIUM  
GRID  
MSN HS-HSP ALTRNTV PT SVCS RESPIR R S
2. MRS. EVERETT KNUDTSON  
MT. HOREB, WI  
2 - ALUMINUM D CYLINDERS, 2 - OXYGEN REGULATORS,  
1 - OXYGEN CART, 1 - LEATHER CASE  
MSN HS-HSP ALTRNTV PT SVCS RESPIR R S
3. MR. & MRS. CORNELIUS COPPENS  
APPLETON, WI  
1 - PULMOAIDE SMALL VOLUME NEBULIZER, 1 - BUNN  
PERCUSSOR, 1 - STROM PERCUSSOR  
MSN HS-HSP ALTRNTV PT SVCS RESPIR R S
4. MR. & MRS. FRANCIS KITTELL  
WAUPUN, WI  
BUNN AIR COMPRESSOR, EMERSON PONCHO WRAP, GRID  
AND POWER UNIT  
MSN HS-HSP ALTRNTV PT SVCS RESPIR R S
5. GORDON M. DERZON  
MADISON, WI  
1 (ONE) OIL PAINTING TITLED " KENTUCKY SNOW "  
DATED 9/1981 BY H. TAGAMI, KANOEHE, HAWAII  
MSN HS-HSP
6. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
FRANCES MYERS, IKONS, 1985, MONOTYPE  
MSN L&S ELVJM MUSEUM ART
7. FAMILY PRACTICE PROFESSIONAL ASSOCIATES  
MADISON, WI  
OFFICE EQUIPMENT  
MSN HS-MED FAM MED & PRACT

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## GIFT-IN-KIND

8. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
CRUCIBLES AND CRUCIBLE SUPPLIES FOR FOUNDRY.  
MSN EDUC ART
9. MR & MRS. EDWARD SCHUMANN  
LARGO, FL  
ANTIQUE CHAIR (REPLICA OF 17TH CENTURY CHAIR  
WOOD, HANDCARVED)  
MSN L&S SPECIAL PROJECTS MAX KADE I
10. SUNSTRAND CORPORATION  
AMES, IA  
PUMP  
MSN ENGR MECHANICAL ENGR

## INSTRUCTION

1. INTERNATIONAL BUSINESS MACHINES CORPORATION  
MILFORD, CT  
JOINTLY DEFINED EFFORT TO DESIGN, IMPLEMENT  
AND EVALUATE AN ELECTRONIC SUPPORT NETWORK  
FOR SCHOOL COUNSELOR TRAINEES AND PRACTICING  
COUNSELORS  
MSN EDUC COUNS PSYCH & ED
2. INTERNATIONAL BUSINESS MACHINES CORPORATION  
MILFORD, CT  
JOINTLY DEFINED EFFORT TO INVESTIGATE THE  
IMPACT OF MICROCOMPUTER-BASED INSTRUCTION FOR  
ELEMENTARY SCHOOL STUDENTS IN GRADES  
3 THROUGH 5  
MSN EDUC EDUC PSYCHOLOGY
3. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
COMPUTER SCIENCE DEPARTMENT FACULTY DEVELOPMENT  
MSN L&S COMPUTER SCI ( TRUST ) 30,000.00
4. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
BARAD, RICHARD M.--MEMORIAL TRUST FUND  
MSN HS-MED FAM MED & PRACT ( TRUST ) 2,500.00
5. ALBERT EINSTEIN COLLEGE OF MEDICINE  
OF YESHIVA UNIVERSITY  
BRONX, NY  
PRIME CONTRACTOR WITH DHHS OHDS  
CONSORTIUM INITIATIVE TO MEET THE HEALTH NEEDS OF  
PERSONS WITH DEVELOPMENTAL DISABILITIES IN THE  
COMMUNITY  
FOR THE PERIOD 12-01-86 THROUGH 12-31-87  
AWARD # SUBGRANT NO. 613-4826  
MSN GRAD WAISMAN CENTER (144-Y823) 36,810.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## INSTRUCTION

6.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI YOUNG PROFESSORS' TEACHING AIDS FUND MSN ENGR CHEMICAL ENGR	(133-F984)	56.80
7.	MULTIPLE DONORS WATER RESOURCES MANAGEMENT PROGRAM DISCRETIONARY FUND MSN ENV ST INSTRUCTNL PROG INSTR PROG	(133-J486)	500.00
8.	MULTIPLE DONORS UNRESTRICTED ACCOUNT FOR EAST ASIAN AREA STUDIES MSN L&S INTRDPT CR PROGS E ASIA STU	(133-J991)	100.00
9.	U.W. FORENSICS PROGRAM - COMMUNICATION ARTS MSN L&S COMMUN ARTS	(133-K182)	
	400.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	12.00 MULTIPLE DONORS		
			412.00
10.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LUCILLE KIMBALL SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC	(133-K661)	500.00
11.	AMOCO NAPERVILLE, IL MOLECULAR BIOLOGY OF PHOTOSYNTHETIC PROCARYOTES SYMPOSIUM MSN AG&LSC BIOCHEMISTRY	(133-L516)	1,000.00
12.	MULTIPLE DONORS SUPPORT AGRICULTURAL ECONOMICS GRADUATE TRAINING PROGRAM MSN AG&LSC AG ECONOMICS	(133-3859)	50.00
LIBRARIES			
1.	TRACEY (THOMAS M) TRUST AGREEMENT JACKSONVILLE, FL LAW SCHOOL LIBRARY ACQUISITION FUND MSN LAW LAW SCHOOL	(133-F070)	2,929.54
2.	MULTIPLE DONORS PURCHASE OF LIBRARY MATERIALS AND SUPPLIES MSN LIBR GEN OPERATIONS SUPP & EQ	(133-F543)	2.00
3.	INSTITUTE OF TURKISH STUDIES, INC. WASHINGTON, DC TURKISH LIBRARY PROCUREMENT GRANT MSN G E A INTL STU & PROGS	(133-J619)	250.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## LIBRARIES

- |    |   |          |
|----|---|----------|
| 4. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>DEFRAY COST OF PURCHASE OF BOOKS FOR THE JOHN M.<br>GAUS COLLECTION IN THE GENERAL AREA OF ENGLISH-<br>AMERICAN LITERARY STUDIES AT THE UNIVERSITY OF<br>WISCONSIN UNDERGRADUATE LIBRARY<br>MSN LIBR ADMINISTRATION (133-8266) | 7,133.29 |
| 5. | SUPPORT LITHIUM LIBRARY IN THE DEPARTMENT OF<br>PSYCHIATRY<br>MSN HS-MED PSYCHIATRY LITHIUM IN (133-9651)   |          |
|    | 2,000.00 CIBA-GEIGY CORPORATION<br>SUMMIT, NJ   |          |
|    | 500.00 MULTIPLE DONORS  |          |
|    |   | 2,500.00 |

## MISCELLANEOUS

- |    |   |           |
|----|---|-----------|
| 1. | MULTIPLE DONORS<br>HAGEN, OSKAR--ART HISTORY DEPARTMENT<br>MSN L&S ART HISTORY ( TRUST )  | 36.00     |
| 2. | FIRST WISCONSIN MADISON<br>MADISON, WI<br>SCHORGER, A.W. TRUST<br>SCHORGER, A. W.--WILDLIFE ECOLOGY<br>MSN AG&LSC N R-WILDLIF ECOL ( TRUST )                        | 9,421.71  |
| 3. | MULTIPLE DONORS<br>WOOLSEY, C.N.--LECTURES<br>MSN HS-MED ( TRUST )  | 130.00    |
| 4. | BRISTOL-MYERS COMPANY<br>WALLINGFORD, CT<br>DEPARTMENT OF BACTERIOLOGY DISCRETIONARY FUND<br>MSN AG&LSC BACTERIOLOGY ( TRUST )                                      | 50.00     |
| 5. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>MEDICAL MICROBIOLOGY CHAIRMAN'S DISCRETIONARY FUND<br>MSN HS-MED MED MICROBIOLOGY ( TRUST )                    | 3,434.65  |
| 6. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>COMSTOCK SCHOLARSHIP FUND IN CONSERVATION<br>MSN HS-MED MED MICROBIOLOGY ( TRUST )                             | 3,324.65- |
| 7. | TERMS TO BE DESIGNATED BY THE CLASS AT THEIR<br>CLASS REUNION ON MAY OF 1989.<br>MEDICAL SCHOOL CLASS OF 1939-FIFTIETH ANNIVERSARY<br>TRUST<br>MSN HS-MED ( TRUST ) |           |

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

8.	ABLIN, GEORGE M.D. BAKERSFIELD, CA WOOLSEY, C. N.--LECTURES MSN HS-MED	( TRUST )	50.00
9.	MULTIPLE DONORS MURPHY, Q. R.--LECTURESHIP IN PHYSIOLOGY MSN HS-MED PHYSIOLOGY	( TRUST )	30.00
10.	MULTIPLE DONORS BARAD, RICHARD M.--MEMORIAL TRUST FUND MSN HS-MED FAM MED & PRACT	( TRUST )	150.00
11.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD CHEST IMAGING CONFERENCE - 87 (CCIC-87) FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 1 R13 CA43637-01 MSN HS-MED MEDICAL PHYSICS	( 144-Z205 )	5,000.00
12.	NATIONAL ENDOWMENT FOR THE ARTS WASHINGTON, DC NEA-CONSERVATION (VAN VLECK) FOR THE PERIOD 04-01-87 THROUGH 09-30-88 AWARD # 87-4431-0216 MSN L&S ELVJM MUSEUM ART	( 144-Z214 )	17,000.00
13.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
	1) BARGAINING AND THE BANKRUPTCY REORGANIZATION OF LARGE PUBLICLY HELD CORPORATIONS FOR THE PERIOD 05-01-87 THROUGH 10-31-89 AWARD # SES-8618353 MSN LAW LAW SCHOOL	( 144-Y978 )	72,693.00
	2) INTERNATIONAL SYMPOSIUM ON PLANT TRANSPOSABLE ELEMENTS, UNIVERSITY OF WISCONSIN-MADISON AUGUST 23-27, 1987 FOR THE PERIOD 04-15-87 THROUGH 03-31-88 AWARD # DCB-8618320 MSN AG&LSC GENETICS	( 144-Z164 )	5,000.00
14.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEFRAY OPERATING COSTS FOR MCKAY CENTER PUBLIC SERVICES MSN ARBOR ARBORETUM	( 133-A056 )	5,000.00
15.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ANATOMY CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED ANATOMY	( 133-A377 )	344.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

16.	MULTIPLE DONORS DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS (133-A751)	500.00
17.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPERIOR TEACHING ASSISTANTS AWARDS MSN GRAD (133-B520)	1,800.00
18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SALARY SUPPORT FOR FRIENDS OF THE ARBORETUM COORDINATOR MSN ARBOR ARBORETUM (133-B663)	5,200.00
19.	MULTIPLE DONORS DEINSTITUTIONALIZATION PROJECT FUND MSN GRAD WAISMAN CENTER (133-B695)	35.00
20.	UNIVERSITY RADIATION ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-C796)	15,000.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DREYFUS TEACHER-SCHOLAR GRANT MSN ENGR CHEMICAL ENGR (133-C799)	998.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL ENGINEERING PROGRAM MSN ENGR ENGR EXPER STA EL&COMPUT (133-C932)	30,000.00
23.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI SUPPORT A FULL-TIME NURSE ANESTHETIST IN THE DEPARTMENT OF ANESTHESIOLOGY MSN HS-MED ANESTHESIOLOGY (133-D507)	15,000.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CAD/CAM PROGRAM MSN ENGR ENGR EXPER STA CMPTR-AID (133-D807)	35,000.00
25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT MSN L&S COMPUTER SCI (133-D865)	20,000.00
26.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY (133-E647)	1,348.14

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GEOLOGY AND GEOPHYSICS CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S GEOL & GEOPHYSCS	(133-E941)	30,000.00
28.	AFFILIATED ORGANIZATION SUPPORT MSN AG&LSC AGRONOMY	(133-E980)	
	500.00 MULTIPLE DONORS		
	1,500.00 WISCONSIN CORN GROWERS ASSN. MADISON, WI		
	4,700.00 WISCONSIN FORAGE COUNCIL INC. MADISON, WI		6,700.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT FOR THE DEPARTMENT OF INDUSTRIAL ENGINEERING MSN ENGR INDUSTRIAL ENGR	(133-F084)	360.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EXXON FACULTY ASSISTANCE GRANT MSN ENGR CHEMICAL ENGR	(133-F086)	5,000.00
31.	ORGANIC SYNTHESSES, INC. DETROIT, MI PROVIDE FOR LECTURERS AND/OR SEMINAR SPEAKERS IN ORGANIC CHEMISTRY MSN L&S CHEMISTRY	(133-F109)	2,000.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRIENDS OF THE ARBORETUM MEMBERSHIP SERVICES MSN ARBOR ARBORETUM	(133-F485)	226.00
33.	ALCOA FOUNDATION PITTSBURGH, PA CAPITAL EQUIPMENT FUND FOR MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR	(133-G482)	2,000.00
34.	UNIVERSITY HEALTH CARE, INC. MADISON, WI QUALITY ASSURANCE, MONITORING AND COORDINATION OF MEDICAL CARE ACTIVITIES MSN HS-MED MEDICINE	(133-G652)	10,790.96
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISABLED PERSONS ON CAMPUS FUND MSN G E A DEAN OF STUDENTS PR DISABLD	(133-G743)	10,500.00



GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WCCC/DHO PUBLIC AWARENESS PROGRAM MSN HS-MED HUMAN ONCOLOGY	(133-G744)	5,000.00
37.	MULTIPLE DONORS CHAIRMAN'S DISCRETIONARY ACCOUNT MSN AG&LSC NR-LANDSCAP ARCH	(133-G984)	475.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COMPUTER SOFTWARE MSN L&S MATHEMATICS	(133-G999)	1,000.00
39.	MULTIPLE DONORS DEFRAY COST OF SLAVIC LANGUAGE FILM RENTAL AND EXPENSES MSN L&S SLAVIC LANGUAGES	(133-H040)	60.00
40.	INSTITUTE OF TURKISH STUDIES, INC. WASHINGTON, DC UNIVERSITY OUTREACH PROGRAMS SUPPORT MSN G E A INTL STU & PROGS	(133-H739)	2,500.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - PLACEMENT MSN BUS SCH OF BUSINESS	(133-J189)	14,000.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR ENGINEERING PLACEMENT OFFICE MSN ENGR OPERATIONS	(133-J393)	2,000.00
43.	INTERNATIONAL SOLAR ENERGY SOCIETY ROCKVILLE, MD EDITORIAL OPERATION OF JOURNAL OF SOLAR ENERGY MSN ENGR ENGR EXPER STA SOLAR ENRG	(133-J634)	16,000.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF LIBRARY AND INFORMATION STUDIES DISCRETIONARY FUND MSN L&S LIB&INF ST	(133-J687)	2,050.00
45.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU	(133-J775)	500.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KICKHAEFER GIFT FUND MSN L&S SCHOOL OF MUSIC	(133-J819)	1,600.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BISHOP GIFT FUND MSN L&S SCHOOL OF MUSIC	(133-J820)	2,000.00
48.	MICHIGAN STATE UNIVERSITY EAST LANSING, MI KELLOGG INTERNATIONAL PROGRAM IN HEALTH FELLOWSHIP FOR THE PERIOD 04-01-86 THRU 03-31-89 MSN HS-MED PREVENTIVE MED	(133-K084)	23,400.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRIENDS OF THE ARBORETUM GIFT SUPPORT FUND MSN ARBOR ARBORETUM	(133-K175)	2,491.00
50.	MULTIPLE DONORS LECTURE PROGRAM "THE WONDERS OF PHYSICS" MSN L&S PHYSICS	(133-K201)	90.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRENCH DEPARTMENT DISCRETIONARY FUND MSN L&S FRENCH & ITALIAN	(133-K219)	900.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED	(133-K243)	5,000.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR SPECIAL REQUESTS MSN HS-MED	(133-K244)	5,000.00
54.	MULTIPLE DONORS DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE	(133-K551)	165.00
55.	MULTIPLE DONORS CANCER RESEARCH IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-K642)	100.00
56.	MULTIPLE DONORS NEW GERMAN CRITIQUE MSN L&S GERMAN	(133-K734)	100.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BIODYNAMICS LABORATORY EQUIPMENT AND SUPPLY FUND MSN EDUC PHYS ED & DANCE BIODYN LAB	(133-K748)	4,000.00
58.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF INTERNAL MEDICINE MSN HS-MED MEDICINE GEN INT MD	(133-K814)	500.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARILLON FUND MSN L&S SCHOOL OF MUSIC	(133-K942)	1,466.11
60.	UNIVERSITY OF WISCONSIN FOUNDATION CONSORTIUM FOR WISCONSIN CENTER FOR SPACE AUTOMATION AND ROBOTICS (WCSAR) MSN ENGR ENGR EXPER STA SPAC COMM	(133-L101)	2,000.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S GEOGRAPHY	(133-L388)	1,033.47
62.	UNIVERSITY OPHTHALMOLOGY ASSOCIATES MADISON, WI OPHTHALMOLOGY CLINICAL PRACTICE EXPENSES MSN HS-MED OPHTHALMOLOGY	(133-L414)	20,499.40
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CELLULAR AND MOLECULAR BIOLOGY PROGRAM MSN GRAD MOLECULAR BIOL	(133-L478)	3,000.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR LIMNOLOGY DISCRETIONARY FUND MSN L&S LIMNOLOGY CTR	(133-L491)	1,000.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ABE SIGMAN LAW PRIZE MSN LAW LAW SCHOOL	(133-L499)	100.00
66.	MELSTER CANDIES, INC. CAMBRIDGE, WI ASSESSMENT OF THE STRUCTURAL INTEGRITY OF EXISTING WOOD BUILDINGS MSN ENGR ENGR EXPER STA CIVIL&ENV	(133-L502)	465.00
67.	PIONEER HI-BRED INTERNATIONAL, INC. JOHNSTON, IO PIONEER PLANT BREEDING AWARD FUND MSN AG&LSC AGRONOMY	(133-L504)	18,000.00
68.	TULSA (UNIVERSITY OF) TULSA, OK PUBLICATION SUPPORT FOR "CLASSICISM AND SOCIAL DISCOURSE" MSN GRAD U W PRESS	(133-L509)	1,000.00
69.	AMERICAN ALLIANCE FOR HEALTH, PHYSICAL EDUCATION RECREATION AND DANCE RESTON, VA NASPE PHYSICAL EDUCATION OUTCOMES PROJECT MSN EDUC PHYS ED & DANCE	(133-L534)	1,700.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

70.	PIONEER HI-BRED INTERNATIONAL, INC. JOHNSTON, IO PIONEER PLANT BREEDING SPEAKERS FUND MSN AG&LSC AGRONOMY	(133-L544)	2,000.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF MUSIC SPECIAL PROJECTS FUND MSN L&S SCHOOL OF MUSIC	(133-L549)	500.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BEETHOVEN PIANO RECITAL FUND MSN L&S SCHOOL OF MUSIC	(133-L555)	600.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTIST IN RESIDENCE PROGRAM MSN L&S SCHOOL OF MUSIC	(133-L556)	250.00
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAMBER MUSIC PROGRAM MSN L&S SCHOOL OF MUSIC	(133-L557)	500.00
75.	MULTIPLE DONORS SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS	(133-0179)	5,000.00
76.	WISCONSIN PUBLIC RADIO ASSOCIATION MADISON, WI SCHOOL OF MUSIC CHAIRMAN'S DISCRETIONARY FUND MSN L&S SCHOOL OF MUSIC	(133-0199)	1,500.00
77.	AMERICAN MEDICAL ASSOCIATION SUPPORT MEDICAL SCHOOL PROGRAMS MSN HS-MED	(133-2345)	7,895.79
78.	MULTIPLE DONORS SUPPORT SPEECH & HEARING CLINIC FOR HANDICAPPED CHILDREN MSN L&S COMMUN DISORDERS	(133-4598)	400.00
79.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS	(133-5984)	
	150.00 MULTIPLE DONORS		
	33,600.50 WASHINGTON UNIVERSITY ST. LOUIS, MO		
	225.00 MULTIPLE DONORS		
	350.00 MULTIPLE DONORS		
			34,325.50
80.	UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY	(133-6225)	
	25.00 MULTIPLE DONORS		
	1,000.00 DEBORAH LEVIN GOLLIN & JAMES H. GOLLIN BAYSIDE, WI		
	300.00 MULTIPLE DONORS		
	40.00 MULTIPLE DONORS		
			1,365.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

81.	DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING UNRESTRICTED GRANT MSN ENGR ELEC & COM ENGR ELEC&COMP (133-6718)		
	25,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	2,500.00 INSTITUTE OF ELECTRICAL & ELECTRONICS ENGINEERS, INC. MADISON, WI		
			27,500.00
82.	MULTIPLE DONORS DEPARTMENT OF PLANT PATHOLOGY CHAIRMAN'S UNRESTRICTED ACCOUNT MSN AG&LSC PLANT PATHOLOGY (133-7243)		500.00
83.	MULTIPLE DONORS DEPARTMENT OF MATHEMATICS CHAIRMAN'S DISCRETIONARY FUND MSN L&S MATHEMATICS (133-7391)		70.00
84.	MULTIPLE DONORS LONGENECKER HORTICULTURAL AREAS DEVELOPMENT FUND MSN ARBOR ARBORETUM (133-7854)		55.00
85.	MULTIPLE DONORS SENSORY AND CHEMICAL PROPERTIES OF FOOD FLAVORS MSN AG&LSC FOOD SCIENCE (133-8343)		1,225.00
86.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NUTRITIONAL SCIENCES GENERAL PURPOSE FUND MSN AG&LSC NUTRITIONAL SCI (133-9610)		450.00

## PHYSICAL PLANT

1.	EDUCATION, DEPT. OF WASHINGTON, DC GEOLOGY AND GEOPHYSICS BUILDING - INTEREST SUBSIDY GRANT FOR THE PERIOD 09-04-74 THROUGH 04-01-87 AWARD # 5-5-00672-0 MSN UNIT-W DEBT SV AC BLDGS (144-H128)		13,859.00
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## RESEARCH

1.	AGRACETUS MIDDLETON, WI MATERIALS RELEASE AGREEMENT MSN AG&LSC BIOCHEMISTRY		
2.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI NMR-IMAGING FACILITY REDUCED TO REFLECT INTERNAL TRANSFER OF RECEIPTS RATHER THAN ADDITIONAL FUNDING MSN GRAD MEDICAL SCHOOL RADIOLOGY (135-0061)		9,564.86-

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

3.	EARNINGS ON SHARES REC'D IN ESTATE PHANEUF, DUANE MEMORIAL FUND MSN HS-MED	( TRUST )	44.87
4.	DOANE, RUSSELL C. MENOMONIE, WI DEPARTMENT OF PLANT PATHOLOGY RESEARCH ON RED KIDNEY BEAN DISEASE MSN AG&LSC PLANT PATHOLOGY	( TRUST )	2,000.00
5.	NORWEST BANK MINNEAPOLIS MINNEAPOLIS, MN LYNUM, EDITH H. TRUST LYNUM, EDITH H.--MEDICAL RESEARCH FUND MSN HS-MED	( TRUST )	3,393.52
6.	HCA FOUNDATION NASHVILLE, TN MEDICAL SCHOOL RENOVATION PROJECT FUND MSN HS-MED ADMINISTRATION DEANS OFFC	( TRUST )	500.00
7.	SCHOOL OF EDUCATION--WISCONSIN CENTER FOR EDUCATION RESEARCH MSN EDUC GENERAL ADMIN DEAN'S OFC	( TRUST )	
	243.59 ACADEMIC PRESS INC. NEW YORK, NY		
	1,366.29 ACADEMIC PRESS, INC NEW YORK, NY		
			1,609.88
8.	WISCONSIN CLINICAL CANCER CENTER--RESEARCH MSN HS-MED HUMAN ONCOLOGY	( TRUST )	
	130.00 MULTIPLE DONORS		
	500.00 NEW ENGLAND LIFE BOSTON, MA		
	85.00 LEM, CHARLES MATCHING GIFT		
	310.00 MULTIPLE DONORS		
			1,025.00
9.	ALLEN, LAFE & MARY ARLINGTON, VA	\$ 50.00	
	MULTIPLE DONORS	\$ 25.00	
	IMMUNOMODULATOR RESEARCH FUND MSN HS-MED HUMAN ONCOLOGY	( TRUST )	75.00
10.	AGRIC, FOREST SERVICE MADISON, WI COOPERATIVE AGREEMENT FOR USE OF FACILITIES- SACCHARIFICATION RATES VARY WITH CELLULOSIC SUBSTRATES, CAN THEY BE PREDICTED? FOR THE PERIOD 03-10-87 THROUGH 06-09-91 AWARD # FP-87-0904 MSN ENGR ENGR EXPER STA CHEM ENGR		

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

11. AGRIC, FOREST SERVICE  
MADISON, WI  
DEVELOPMENT OF METHODS TO RECOVER DEGRADATIVE  
ENZYMES FROM SPENT SHIITAKE CULTURES  
FOR THE PERIOD 01-09-87 THROUGH 01-08-88  
AWARD # FP-87-0924  
MSN GRAD BIOTECHNOLGY CTR
12. AGRIC, FOREST SERVICE  
MADISON, WI  
INITIAL INVESTIGATION ON THE STRUCTURAL  
PERFORMANCE OF SPACE BOARD  
FOR THE PERIOD 01-20-87 THROUGH 05-22-87  
AWARD # FP-87-0917  
MSN ENGR ENGR EXPER STA CIVIL&ENV (144-Z241) 2,645.00
13. MICHIGAN STATE UNIVERSITY  
EAST LANSING, MI  
PRIME CONTRACTOR WITH AID  
PLANT-MICROBIAL INTERACTONS IN BEANS:  
IMPROVEMENT OF NITROGEN FIXATION AND DISEASE  
RESISTANCE  
FOR THE PERIOD 05-07-86 THROUGH 06-30-87  
AT A TOTAL COST OF \$335,569.00  
AWARD # AGR DTD 08-12-86, MOD. 1  
MSN AG&LSC PLANT PATHOLOGY (144-X857) 136,262.00
14. NATIONAL COASTAL RESOURCES RESEARCH & DEVELOPMENT  
INSTITUTE  
NEWPORT, OR  
PRIME CONTRACTOR WITH COMM NOAA  
SERVICE PRODUCING INDUSTRY: A BASE FOR  
ECONOMIC GROWTH  
FOR THE PERIOD 02-24-87 THROUGH 12-31-87  
AWARD # AGR 2-5606-09  
MSN AG&LSC AG ECONOMICS (144-Z202) 26,254.00
15. EDUCATION, DEPT OF  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) PSYCHOLINGUISTIC BASES OF LOW LITERACY IN ADULTS  
FOR THE PERIOD 04-01-87 THROUGH 03-31-88  
AWARD # GO08710016  
MSN EDUC WIS CTR EDUC RES (144-Z238) 39,989.00
- 2) WATER SCIENCES AND ENGINEERING LABORATORY (WSEL)  
AUGMENTATION  
FOR THE PERIOD 03-05-87 THROUGH 03-04-89  
AWARD # 2-5-01016  
MSN ENV ST ADMINISTRATION (144-Z242) 30,000.00
- 3) WSEL AUGMENTATION - WATER CHEMISTRY  
FOR THE PERIOD 03-05-87 THROUGH 03-04-89  
AWARD # 2-5-01016  
MSN ENV ST ADMINISTRATION (144-Z243) 85,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

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|-----|--|-------------|------------|
| 4)  | WSEL AUGMENTATION - HYDRAULIC ENGINEERING<br>FOR THE PERIOD 03-05-87 THROUGH 03-04-89<br>AWARD # 2-5-01016<br>MSN ENV ST ADMINISTRATION  | ( 144-Z244) | 140,000.00 |
| 5)  | WSEL AUGMENTATION - SANITARY ENGINEERING<br>FOR THE PERIOD 03-05-87 THROUGH 03-04-89<br>AWARD # 2-5-01016<br>MSN ENV ST ADMINISTRATION   | ( 144-Z245) | 80,000.00  |
| 6)  | WSEL AUGMENTATION - AQUARIUM RESEARCH AREA<br>FOR THE PERIOD 03-05-87 THROUGH 03-04-89<br>AWARD # 2-5-01016<br>MSN ENV ST ADMINISTRATION   | ( 144-Z246) | 85,000.00  |
| 7)  | WSEL - MARINE LABS/SHOPS<br>FOR THE PERIOD 03-05-87 THROUGH 03-04-89<br>AWARD # 2-5-01016<br>MSN ENV ST ADMINISTRATION   | ( 144-Z247) | 30,000.00  |
| 8)  | WSEL - FIELD STAGE FACILITY<br>FOR THE PERIOD 03-05-87 THROUGH 03-04-89<br>AWARD # 2-5-01016<br>MSN ENV ST ADMINISTRATION  | ( 144-Z248) | 46,000.00  |
| 16. | DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM<br>ROCKVILLE, MD<br>PSYCHOLOGICAL STRESS AND IMMUNE RESPONSIVENESS<br>FOR THE PERIOD 05-01-87 THROUGH 04-30-88<br>AWARD # 5 R01 MH41659-03<br>MSN L&S      PSYCHOLOGY      PRIMATE LB                              | ( 144-Z222) | 141,606.00 |
| 17. | UNIVERSITY OF CALIFORNIA<br>SANTA BARBARA, CA<br>PRIME CONTRACTOR WITH DHHS PHS ADAM<br>SEXUALLY VIOLENT MEDIA AND SOCIAL BEHAVIOR<br>FOR THE PERIOD 03-01-87 THROUGH 06-30-87<br>AWARD # P.O. #VB41124-0<br>MSN L&S      PSYCHOLOGY                         | ( 144-Z165) | 20,563.00  |
| 18. | WI DEPT OF HEALTH & SOCIAL SERVICES<br>WISCONSIN DIVISION OF HEALTH<br>MADISON, WI<br>PRIME CONTRACTOR WITH DHHS PHS HRSA<br>PARENT-INFANT DEVELOPMENT PROGRAM<br>FOR THE PERIOD 01-01-87 THROUGH 12-31-87<br>AWARD # F1028-1<br>MSN HS-PSY PSYCHIATRIC INST | ( 144-Y883) | 77,000.00  |
| 19. | DHHS, PHS, NATIONAL INSTITUTES OF HEALTH<br>BETHESDA, MD<br>IN SUPPORT OF THE FOLLOWING:   |             |            |
| 1)  | CONTROLLED CLINICAL TRIAL TO EVALUATE THE EARLY<br>TREATMENT OF DIABETIC RETINOPATHY<br>FOR THE PERIOD 09-30-77 THROUGH 03-31-88<br>AT A TOTAL COST OF \$3,509,668.00<br>AWARD # NO1-EY-7-2148, MOD. 15<br>MSN HS-MED OPHTHALMOLOGY                          | ( 144-K791) | 514,555.00 |



GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

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|-----|--|-----------------------|
| 2)  | CONTROLLED CLINICAL TRIAL TO EVALUATE THE EARLY TREATMENT OF DIABETIC RETINOPATHY FOR THE PERIOD 09-30-77 THROUGH 03-31-88 AT A TOTAL COST OF \$1,599,272.00 AWARD # NO1-EY-7-2139, MOD. 17 MSN HS-MED OPHTHALMOLOGY                       | (144-K794) 190,181.00 |
| 3)  | STRUCTURE AND REPLICATION OF DNA (REDUCTION TO RESCIND PREVIOUS EXTENSION DUE TO EARLY FUNDING OF RENEWAL) FOR THE PERIOD 01-01-86 THROUGH 04-30-87 AT A TOTAL COST OF \$206,086.00 AWARD # 3 RO1 GM14711-20S1, MOD. 2 MSN GRAD BIOPHYSICS | (144-X482) 39,867.00- |
| 4)  | POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD (REDUCTION DUE TO EARLY TERMINATION OF FELLOW) FOR THE PERIOD 02-11-86 THROUGH 01-09-87 AT A TOTAL COST OF \$30,333.00 AWARD # 5 F32 NSO7698-02, MOD. 1 MSN HS-MED ANATOMY         | (144-X637) 2,667.00-  |
| 5)  | SPECTROSCOPIC STUDIES OF ENZYME-SUBSTRATE COMPLEXES FOR THE PERIOD 01-01-87 THROUGH 12-31-87 AT A TOTAL COST OF \$162,672.00 AWARD # 5 RO1 GM35752-02, MOD. 1 MSN GRAD ENZYME INSTITUTE  | (144-Y786) 11,640.00  |
| 6)  | STUDIES OF FIBRONECTIN AND RELATED GLYCOPROTEINS FOR THE PERIOD 12-01-86 THROUGH 11-30-87 AT A TOTAL COST OF \$192,791.00 AWARD # 5 RO1 HL21644-10, MOD. 1 MSN HS-MED PHYSIOLOG CHEM   | (144-Y787) 21.00      |
| 7)  | CONTROL PROCESSES IN MAMMALIAN CELLS FOR THE PERIOD 01-01-87 THROUGH 12-31-87 AT A TOTAL COST OF \$365,684.00 AWARD # 5 RO1 DK10334-22, MOD. 1 MSN GRAD ENZYME INSTITUTE   | (144-Y790) 11,926.00  |
| 8)  | SYNTHESIS AND FUNCTION OF MEMBRANE PHOSPHOLIPIDS FOR THE PERIOD 01-01-87 THROUGH 12-31-87 AT A TOTAL COST OF \$194,527.00 AWARD # 5 RO1 DK19551-11, MOD. 1 MSN AG&LSC BIOCHEMISTRY   | (144-Y846) 6,444.00   |
| 9)  | IMMUNOBIOLOGY OF AFRICAN TRYPANOSOMIASIS FOR THE PERIOD 01-01-87 THROUGH 12-31-87 AT A TOTAL COST OF \$174,226.00 AWARD # 5 RO1 AI22441-03, MOD. 1 MSN AG&LSC VETERINARY SCI   | (144-Y862) 18,713.00  |
| 10) | KIDNEY TRANSPLANTATION AND DONOR-SPECIFIC TRANSFUSIONS FOR THE PERIOD 01-01-87 THROUGH 12-31-87 AWARD # 5 RO1 DK31774-05 MSN HS-MED SURGERY GEN SURG   | (144-Y866) 176,688.00 |

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

- 11) INDIVIDUAL AGING, INSTITUTIONALIZATION OF THE  
LIFE COURSE AND SOCIAL CHANGE  
FOR THE PERIOD 02-01-87 THROUGH 01-31-88  
AT A TOTAL COST OF \$528,775.00  
AWARD # 5 PO1 AGO4877-03, MOD. 1  
MSN GRAD INST-AGING&ADULT (144-Y875) 40,835.00
- 12) PHYSIOLOGICAL STUDIES ON A PARASITIC NEMATODE  
FOR THE PERIOD 01-01-87 THROUGH 12-31-87  
AT A TOTAL COST OF \$145,395.00  
AWARD # 5 RO1 AI15429-09, MOD. 1  
MSN L&S ZOOLOGY (144-Y879) 16,009.00
- 13) THE HEALTH AND WELL BEING OF FAMILIES  
IN TRANSITION  
FOR THE PERIOD 01-01-87 THROUGH 12-31-87  
AWARD # 5 RO1 HD21009-02  
MSN L&S SOCIOLOGY (144-Y881) 3,096,651.00
- 14) EFFECT OF DIET AND HORMONES ON ENZYMES AND  
METABOLISM  
FOR THE PERIOD 01-01-87 THROUGH 06-30-88  
AWARD # 5 RO1 DK10748-21  
MSN AG&LSC BIOCHEMISTRY (144-Y897) 104,713.00
- 15) MEASURING DIETARY FIBER  
FOR THE PERIOD 02-01-87 THROUGH 01-31-88  
AT A TOTAL COST OF \$152,085.00  
AWARD # 2 RO1 DK21712-08, MOD. 1  
MSN AG&LSC NUTRITIONAL SCI (144-Y903) 5,237.00
- 16) THE MECHANISM OF ACTION OF THYROTROPIN  
RELEASING HORMONE  
FOR THE PERIOD 02-01-87 THROUGH 01-31-88  
AWARD # 5 RO1 DK25861-08  
MSN L&S ZOOLOGY (144-Y906) 154,280.00
- 17) MOLECULAR BIOLOGY OF VISUAL RECEPTOR  
OUTER SEGMENTS  
FOR THE PERIOD 02-01-87 THROUGH 01-31-88  
AT A TOTAL COST OF \$241,921.00  
AWARD # 5 RO1 EY00463-19, MOD. 1  
MSN GRAD MOLECULAR BIOL (144-Y915) 21,936.00
- 18) REGULATORY SITES IN PRO- AND EUKARYOTIC GENOMES  
FOR THE PERIOD 02-01-87 THROUGH 01-31-88  
AT A TOTAL COST OF \$346,518.00  
AWARD # 5 RO1 GM21812-13, MOD. 1  
MSN AG&LSC GENETICS (144-Y916) 33,280.00
- 19) CONTROL MECHANISMS IN INTERMEDIARY METABOLISM  
FOR THE PERIOD 02-01-87 THROUGH 01-31-88  
AT A TOTAL COST OF \$118,569.00  
AWARD # 5 RO1 GM14033-20, MOD. 1  
MSN HS-MED MEDICINE ENDOCRINOL (144-Y926) 11,593.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- 20) RESEARCH PROGRAM ON THE NEURAL BASIS OF HEARING  
FOR THE PERIOD 03-01-87 THROUGH 02-29-88  
AT A TOTAL COST OF \$810,706.00  
AWARD # 5 PO1 NS12732-12, MOD. 1  
MSN HS-MED NEUROPHYSIOLOGY (144-Y933) 65,205.00
- 21) TRANSFORMATION IN VITRO OF HUMAN  
UROEPITHELIAL CELLS  
FOR THE PERIOD 02-01-87 THROUGH 01-31-88  
AT A TOTAL COST OF \$179,416.00  
AWARD # 2 RO1 CA29525-07, MOD. 1  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-Y938) 23,775.00
- 22) BIOCHEMICAL PHARMACOLOGY OF ANTIVIRAL DRUG  
THERAPY  
FOR THE PERIOD 02-01-87 THROUGH 01-31-88  
AT A TOTAL COST OF \$69,093.00  
AWARD # 5 RO1 AI19043-06, MOD. 1  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-Y953) 8,049.00
- 23) MOLECULAR ANALYSIS OF CARCINOGEN-INDUCED  
MUTATIONS  
FOR THE PERIOD 03-01-87 THROUGH 02-29-88  
AT A TOTAL COST OF \$109,547.00  
AWARD # 5 RO1 CA37166-04, MOD. 1  
MSN HS-MED ONCOLOGY (144-Y955) 4,244.00
- 24) THE ROLE OF THE LOCUS CERULEUS IN SENSORIMOTOR  
CORTEX INJURY  
FOR THE PERIOD 02-01-87 THROUGH 01-31-88  
AT A TOTAL COST OF \$50,425.00  
AWARD # 5 R23 NS23003-02, MOD. 1  
MSN HS-MED REHABIL MEDICINE (144-Y956) 4,034.00
- 25) PH SENSITIVE LIPOSOMES FOR DRUG DELIVERY  
FOR THE PERIOD 02-01-87 THROUGH 01-31-88  
AT A TOTAL COST OF \$81,069.00  
AWARD # 5 RO1 GM31459-03, MOD. 1  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-Y962) 8,580.00
- 26) REGULATION OF ANTICANCER DRUG ACTIVATION  
FOR THE PERIOD 03-01-87 THROUGH 02-29-88  
AT A TOTAL COST OF \$69,135.00  
AWARD # 5 RO1 CA36823-03, MOD. 1  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-Y965) 3,502.00
- 27) BIOMEDICAL RESEARCH SUPPORT GRANT  
FOR THE PERIOD 04-01-87 THROUGH 03-31-88  
AWARD # 2 SO7 RRO5435-26  
MSN HS-MED ADMINISTRATION DEANS OFFC (144-Y968) 294,114.00
- 28) CYTOARCHITECTONIC ATLASES: MACAQUE THALAMUS  
AND BRAINSTEM  
FOR THE PERIOD 03-01-87 THROUGH 02-29-88  
AWARD # 5 RO1 NS19791-04  
MSN HS-MED NEUROPHYSIOLOGY (144-Y969) 27,560.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

29)	STRUCTURE/FUNCTION CORRELATION IN RETINAL GANGLION CELLS FOR THE PERIOD 03-01-87 THROUGH 02-29-88 AWARD # 5 RO1 EYO4977-05 MSN GRAD WAISMAN CENTER	(144-Y973)	81,085.00
30)	X-RAY STUDIES ON NUCLEIC ACID CONSTITUENTS FOR THE PERIOD 03-01-87 THROUGH 02-29-88 AT A TOTAL COST OF \$121,149.00 AWARD # 5 RO1 GM17378-18, MOD. 1 MSN AG&LSC BIOCHEMISTRY	(144-Y982)	11,838.00
31)	MEMBRANE COMPOSITION AND HYPERTHERMIC CELL DEATH FOR THE PERIOD 03-01-87 THROUGH 02-29-88 AT A TOTAL COST OF \$218,943.00 AWARD # 5 RO1 CA24872-08, MOD. 1 MSN HS-MED HUMAN ONCOLOGY RAD BIOL	(144-Y986)	11,064.00
32)	ACOUSTIC ANALYSIS OF THE VOICE SOURCE IN HUMAN SPEECH FOR THE PERIOD 03-01-87 THROUGH 02-29-88 AT A TOTAL COST OF \$77,209.00 AWARD # 5 RO1 NS21516-03, MOD. 1 MSN ENGR ENGR EXPER STA EL&COMPUT	(144-Y990)	6,249.00
33)	SYNTHESIS AND FUNCTION OF COAGULATION PROTEINS FOR THE PERIOD 03-01-87 THROUGH 02-29-88 AWARD # 5 PO1 HL29586-05 MSN HS-MED PHYSIOLOG CHEM	(144-Y995)	204,992.00
34)	SYNTHESIS AND FUNCTION OF COAGULATION PROTEINS FOR THE PERIOD 03-01-87 THROUGH 02-29-88 AWARD # 5 PO1 HL29586-05 MSN HS-MED MEDICINE	CARDIOLOGY (144-Y996)	122,602.00
35)	SYNTHESIS AND FUNCTION OF COAGULATION PROTEINS FOR THE PERIOD 03-01-87 THROUGH 02-29-88 AWARD # 5 PO1 HL29586-05 MSN AG&LSC BIOCHEMISTRY	(144-Y997)	101,699.00
36)	SYNTHESIS AND FUNCTION OF COAGULATION PROTEINS FOR THE PERIOD 03-01-87 THROUGH 02-29-88 AWARD # 5 PO1 HL29586-05 MSN AG&LSC VETERINARY SCI	(144-Y998)	101,521.00
37)	BIOMEDICAL RESEARCH SUPPORT GRANT FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 2 SO7 RR07098-22 MSN GRAD ADMINISTRATION ADMIN	(144-Z001)	289,939.00
38)	STUDY OF DIABETIC RETINOPATHY FOR THE PERIOD 03-01-87 THROUGH 02-29-88 AWARD # 5 RO1 EYO0300-22 MSN HS-MED OPHTHALMOLOGY	(144-Z081)	436,974.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

39)	NEUROGENIC SPEECH DISORDERS FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AT A TOTAL COST OF \$986,398.00 AWARD # 5 PO1 NS13274-11, MOD. 1 MSN GRAD WAISMAN CENTER	(144-Z093)	79,440.00
40)	SYNTHESIS AND ACTIVITY OF CYCLOSPORIN ANALOGUES FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AT A TOTAL COST OF \$134,857.00 AWARD # 5 RO1 AR32007-05, MOD. 1 MSN HS-PHR PHARMACY	(144-Z097)	17,399.00
41)	RADIATION SENSITIZERS: INTERACTIONS WITH OTHER MODALITIES FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 CA42325-03 MSN HS-MED HUMAN ONCOLOGY RAD BIOL	(144-Z103)	107,942.00
42)	INHIBITION OF ORNITHINE DECARBOXYLASE INDUCTION BY RETINOIC ACID FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 CA42585-02 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(144-Z116)	89,326.00
43)	INTESTINAL CARCINOGENICITY OF QUERCETIN AND FLAVONOLS FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 CA31127-05 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(144-Z121)	136,785.00
44)	A COMPLETE DISSECTION OF THE ESCHERICHIA COLI GENOME FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 GM35682-06 MSN AG&LSC GENETICS	(144-Z137)	122,975.00
45)	SKIN AND MUCOSAL POLYAMINE ENZYMES IN COLORECTAL CANCER FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 1 RO1 CA45024-01 MSN HS-MED HUMAN ONCOLOGY	(144-Z153)	89,150.00
46)	DEVELOPMENTAL STUDIES ON THE MOTOR SYSTEM FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 NS14428-10 MSN HS-MED ANATOMY	(144-Z157)	206,018.00
47)	REGULATION OF DEVELOPMENT OF PEPTIDE NEURONS IN GUT FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 DK32978-08 MSN HS-MED ANATOMY	(144-Z158)	125,073.00
48)	PARALLEL PATHWAYS IN VISUAL PROCESSING AND DEVELOPMENT FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 EYO2545-09 MSN L&S PSYCHOLOGY	(144-Z161)	166,836.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

49)	STUDIES ON THE AUDITORY CORTEX FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 1 RO1 NS24559-01 MSN HS-MED NEUROPHYSIOLOGY	(144-Z166)	138,686.00
50)	ESTROGEN REGULATION OF GROWTH AND FUNCTION FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 R37 HDO8192-15 MSN AG&LSC BIOCHEMISTRY	(144-Z168)	183,961.00
51)	IONIC CHANNELS IN MAMMALIAN MYELINATED NERVES FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 NS23375-02 MSN HS-MED NEUROPHYSIOLOGY	(144-Z169)	76,334.00
52)	PHOSPHATIDYL INOSITOL, PROSTAGLANDINS AND EXCITATION FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 HL16318-29 MSN HS-MED PHARMACOLOGY	(144-Z173)	195,109.00
53)	MECHANISM AND THERAPY OF CEREBROVASCULAR SPASM FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 NS20637-03 MSN HS-MED SURGERY                      NEUROSURG	(144-Z174)	94,609.00
54)	METABOLISM OF POLYCYCLIC HYDROCARBONS AND CARCINOGENESIS FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 CA16265-13 MSN HS-MED PHARMACOLOGY	(144-Z175)	159,235.00
55)	ION CHANNELS IN YEAST FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 1 RO1 GM37925-01 MSN GRAD      MOLECULAR BIOL	(144-Z176)	166,975.00
56)	ANALYSES OF CELL DEVELOPMENT IN BLASTOCLADIELLA FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 1 RO1 GM36474-01A1 MSN L&S      ZOOLOGY	(144-Z178)	70,701.00
57)	ACADEMIC/TEACHER DEVELOPMENT AWARD FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 KO7 NS00956-03 MSN VET M      PATHOBIOLOGCL SCI	(144-Z179)	56,852.00
58)	ENTERIC NEURON ABLATION; ALTERED MOTILITY AND SECRETION FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 DK32594-04 MSN HS-PHR PHARMACY	(144-Z180)	104,410.00
59)	EFFECTS OF ALTERED DIET AND PLASMA AMINO ACID PATTERN FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 2 RO1 DK10747-21 MSN AG&LSC BIOCHEMISTRY	(144-Z182)	184,725.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

60)	BILIRUBIN TOXICITY IN THE AUDITORY SYSTEM FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 1 RO1 NS23895-01A1 MSN GRAD WAISMAN CENTER	(144-Z183)	91,745.00
61)	LABORATORY STUDIES OF PAIN CONTROL METHODS FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 NS22677-02 MSN HS-MED NEUROLOGY	(144-Z184)	152,870.00
62)	CHARACTERIZATION OF TRANSCRIPTIONALLY REGULATED GENES FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 GM27870-08 MSN HS-MED PHYSIOLOG CHEM	(144-Z185)	148,262.00
63)	CA-AND K-CHANNELS IN WILD TYPE AND MUTANTS OF PARAMECIUM FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 GM36386-02 MSN GRAD MOLECULAR BIOL	(144-Z186)	195,483.00
64)	STRUCTURE, ORGANIZATION AND EXPRESSION OF SN RNA GENES FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 GM30220-06 MSN HS-MED PHYSIOLOG CHEM	(144-Z187)	227,820.00
65)	ELECTRORETINOGRAPHIC STUDIES IN DIABETIC RETINOPATHY FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 EYO3084-09 MSN HS-MED OPHTHALMOLOGY	(144-Z188)	90,466.00
66)	CRH SYSTEMS IN PRIMATES FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 DK35641-02 MSN HS-PSY PSYCHIATRIC INST	(144-Z189)	119,744.00
67)	HYPOTHALAMIC CONTROL OF GONADOTROPIN SECRETION FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 5 RO1 HD15433-06 MSN L&S PRIMATE RES CTR	(144-Z190)	70,723.00
68)	ACTIVE LIPIDS DERIVED FROM POLYUNSATURATED FATTY ACID FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 2 RO1 DKO9688-21A2 MSN HS-PHR PHARMACY	(144-Z198)	166,231.00
69)	THE VANISHING TWIN AND RELATED DYNAMICS OF THE CONCEPTUS FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 1 RO1 HD19771-01A1 MSN AG&LSC VETERINARY SCI	(144-Z199)	116,898.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

70)	MECHANISMS OF AXON CONDUCTION FAILURE FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 2 RO1 NS13600-10 MSN HS-MED PHYSIOLOGY	(144-Z201)	95,017.00
71)	EPIDERMAL GROWTH FACTOR AND HUMAN BLADDER CANCER FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 1 RO1 CA44801-01 MSN HS-MED SURGERY                      UROLOGY	(144-Z206)	72,212.00
72)	CA2+-DEPENDENT PROCESSES INVOLVED IN PHORBOL ESTER TUMOR PROMOTION FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 2 RO1 CA35368-04A1 MSN HS-MED HUMAN ONCOLOGY      CLIN ONCOL	(144-Z207)	97,461.00
73)	TRANSCRIPTIONAL REGULATION OF GROWTH-RELATED GENES FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 1 R29 CA45240-01 MSN HS-MED ONCOLOGY	(144-Z208)	47,401.00
74)	BIOMEDICAL RESEARCH SUPPORT GRANT FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 2 SO7 RR05866-05 MSN HS-NUR	(144-Z211)	9,906.00
75)	BIOMEDICAL RESEARCH SUPPORT GRANT FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 2 SO7 RR05456-25 MSN HS-PHR PHARMACY	(144-Z215)	54,414.00
76)	BIOMEDICAL RESEARCH SUPPORT GRANT FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 2 SO7 RR05912-04 MSN VET M    ADM-RES& GRAD TR    ADM-RES&GR	(144-Z217)	49,059.00
77)	GLYCOSAMINOGLYCANS AND CAPACITATION OF SPERM FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 2 RO1 HD18345-04 MSN AG&LSC MEAT& ANIMAL SCI	(144-Z219)	112,991.00
78)	STRUCTURE AND REPLICATION OF DNA FOR THE PERIOD 05-01-87 THROUGH 04-30-88 AWARD # 2 RO1 GM14711-21 MSN GRAD      BIOPHYSICS	(144-Z220)	203,959.00
79)	POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FOR THE PERIOD 05-14-87 THROUGH 05-13-88 AWARD # 1 F32 NS08064-01 MSN HS-MED NEUROPHYSIOLOGY	(144-Z224)	27,000.00
80)	STUDIES IN ORGAN PRESERVATION FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 2 RO1 DK18624-12 MSN HS-MED SURGERY                      GEN SURG	(144-Z226)	293,515.00



GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

81)	CHARACTERIZATION OF NUTRIENT TRANSPORT INTO BRAIN FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 1 RO1 DK34415-01A1 MSN AG&LSC NUTRITIONAL SCI	(144-Z229)	75,032.00
82)	HYDROCARBON CARCINOGENESIS IN MOUSE AND HUMAN CELLS FOR THE PERIOD 05-01-87 THROUGH 04-30-88 AWARD # 5 RO1 CA42066-03 MSN HS-MED ONCOLOGY	(144-Z230)	130,054.00
83)	GLUTAMATE OXIDATION IN HEPATOMAS VERSUS LIVER FOR THE PERIOD 04-15-87 THROUGH 03-31-88 AWARD # 1 RO1 CA40445-01A2 MSN HS-MED PHARMACOLOGY	(144-Z235)	87,372.00
84)	SYSTEMIC HYPERTHERMIA AND MISONIDAZOLE CHEMOPOTENTIATION FOR THE PERIOD 05-01-87 THROUGH 04-30-88 AWARD # 1 RO1 CA44381-01 MSN HS-MED HUMAN ONCOLOGY RAD BIOL	(144-Z237)	107,106.00
85)	QUANTITATIVE VENTRICULOGRAPHY USING DUAL-ENERGY DSA FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # 1 RO1 HL38409-01 MSN HS-MED MEDICINE CARDIOLOGY	(144-Z239)	177,985.00
86)	GENETIC AND BIOCHEMICAL STUDIES OF PARAMECIUM BEHAVIOR FOR THE PERIOD 05-01-87 THROUGH 04-30-88 AWARD # 5 RO1 GM22714-13 MSN GRAD MOLECULAR BIOL	(144-Z249)	267,973.00
20.	DOD, AIR FORCE BOLLING AFB, DC IN SUPPORT OF THE FOLLOWING:		
1)	VORTICES IN LONG JOSEPHSON JUNCTIONS FOR THE PERIOD 11-15-86 THROUGH 11-14-87 AT A TOTAL COST OF \$116,630.00 AWARD # AFOSR-86-0025, MOD. 2 MSN ENGR ENGR EXPER STA EL&COMPUT	(144-Y712)	12,033.00
2)	PARTIAL AND INTERACTION SPLINE MODELS FOR COMPLEX SEMIPARAMETRIC RESPONSE AND PERFORMANCE MODELLING FOR THE PERIOD 04-01-87 THROUGH 03-31-88 AWARD # AFOSR-87-0171 MSN L&S STATISTICS	(144-Z163)	45,990.00
3)	TOXICOLOGY OF PERFLUORODECANOIC ACID FOR THE PERIOD 06-01-87 THROUGH 05-31-88 AWARD # AFOSR-85-0207 MSN HS-PHR PHARMACY	(144-Z181)	148,999.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- 4) MATHEMATICAL PHYSICS AND COMPUTATIONAL  
FLUID DYNAMICS  
FOR THE PERIOD 05-01-87 THROUGH 04-30-88  
AWARD # AFOSR-87-0194  
MSN L&S MATH RES CTR (144-Z259) 50,327.00
- 5) INTERDISCIPLINARY RESEARCH ON  
VISCOELASTICITY AND RHEOLOGY  
FOR THE PERIOD 05-01-87 THROUGH 04-30-88  
AWARD # AFOSR-87-0191  
MSN L&S MATH RES CTR (144-Z261) 40,000.00
- 6) NUMERICAL ANALYSIS  
FOR THE PERIOD 06-15-87 THROUGH 06-14-88  
AWARD # AFOSR-86-0163  
MSN L&S COMPUTER SCI (144-Z262) 36,662.00
- 7) SOME PROBLEMS IN NONLINEAR ANALYSIS  
FOR THE PERIOD 06-01-87 THROUGH 05-31-88  
AWARD # AFOSR-87-0202  
MSN L&S MATH RES CTR (144-Z263) 40,691.00
21. DOD, ARMY  
RESEARCH TRIANGLE PARK, NC  
IN SUPPORT OF THE FOLLOWING:
- 1) PHASE SELECTION AND PROCESSING OF HIGH TEMPERATURE  
INTERMETALLIC ALLOYS  
FOR THE PERIOD 10-01-86 THROUGH 09-30-87  
AT A TOTAL COST OF \$391,330.00  
AWARD # DAALO3-86-K-0164, MOD. 3  
MSN ENGR ENGR EXPER STA MET & MIN (144-Y666) 251,330.00
- 2) DESIGN, ANALYSIS AND THE USE OF COMPUTER IN  
QUALITY IMPROVEMENT AND IN SENSITIVITY TESTING  
FOR THE PERIOD 04-15-87 THROUGH 04-14-88  
AWARD # DAALO3-87-K-0050  
MSN L&S MATH RES CTR (144-Z234) 35,000.00
22. BENDIX ENVIRONMENTAL SYSTEMS DIVISION  
BALTIMORE, MD  
PRIME CONTRACTOR WITH DOD ARMY  
EXPLORATORY DEVELOPMENT OF A CONCEPT MODEL CB  
MINIDETECTOR  
FOR THE PERIOD 12-15-86 THROUGH 12-14-87  
AT A TOTAL COST OF \$60,776.00  
AWARD # P62050  
MSN AG&LSC FOOD MICRO&TOXIC (144-Y868) 34,845.00
23. DOD, NAVY  
ARLINGTON, VA  
IN SUPPORT OF THE FOLLOWING:
- 1) A GENERAL INVESTIGATION OF DISCONTINUITY  
SURFACES IN ELASTIC-PLASTIC SOLIDS  
FOR THE PERIOD 09-30-85 THROUGH 10-31-87  
AT A TOTAL COST OF \$216,132.00  
AWARD # NO0014-86-K-0032, MOD. 2  
MSN ENGR ENGR EXPER STA MECHANICS (144-X462) 50,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

- 2) A STUDY OF THE VAS PLUS MSU RETRIEVAL ALGORITHM  
IN THE EASTERN PACIFIC AND THE USE OF SATELLITE  
DATA IN THE CIMSS FORECAST MODEL  
FOR THE PERIOD 09-25-86 THROUGH 09-24-88  
AT A TOTAL COST OF \$215,090.00  
AWARD # NO0014-86-C-0604, MOD. 1  
MSN GRAD SPACE SCI&ENG CT (144-Y683) 125,040.00
24. DOD, NAVY  
WASHINGTON, DC  
DEVELOPMENT OF HIGH PERFORMANCE  
MULTIPROCESSOR DATABASE MACHINES  
FOR THE PERIOD 09-30-86 THROUGH 05-31-88  
AT A TOTAL COST OF \$185,000.00  
AWARD # NO0039-86-C-0578, MOD. 1  
MSN L&S COMPUTER SCI (144-Y705) 100,000.00
25. ENERGY, DEPT OF  
ARGONNE, IL  
IN SUPPORT OF THE FOLLOWING:
- 1) MASS AND ENERGY BUDGETS OF ANIMALS: BEHAVIORAL  
AND ECOLOGICAL IMPLICATIONS  
FOR THE PERIOD 01-01-85 THROUGH 11-30-87  
AT A TOTAL COST OF \$526,626.00  
AWARD # DE-ACO2-76EVO2270 #14, MOD. 17  
MSN L&S ZOOLOGY (144-W266) 159,487.00
- 2) FUSION SYSTEM DESIGN  
FOR THE PERIOD 11-15-86 THROUGH 09-30-87  
AT A TOTAL COST OF \$300,000.00  
AWARD # DE-FG02-87ER52140, MOD. 1  
MSN ENGR ENGR EXPER STA FUSION TEC (144-Y754) 150,000.00
- 3) A STUDY OF THE PHYSICAL-CHEMICAL MECHANISMS &  
VARIABLES WHICH AFFECT THE TRANSPORT OF INORGANIC  
& ORGANIC MICROCONTAMINANTS  
FOR THE PERIOD 12-15-86 THROUGH 12-14-87  
AT A TOTAL COST OF \$142,000.00  
AWARD # DE-FG02-87ER60508, MOD. 1  
MSN ENGR ENGR EXPER STA WATER CHEM (144-Y851) 66,000.00
- 4) ENZYMOLOGY OF BIOLOGICAL NITROGEN FIXATION  
FOR THE PERIOD 05-01-87 THROUGH 04-30-88  
AWARD # DE-FG02-87ER13707  
MSN AG&LSC BIOCHEMISTRY (144-Z204) 37,317.00
- 5) MOLECULAR GENETICS OF LIGNASE EXPRESSION  
FOR THE PERIOD 05-01-87 THROUGH 04-30-89  
AWARD # DE-FG02-87ER13712  
MSN AG&LSC PLANT PATHOLOGY (144-Z218) 122,000.00
- 6) INTERNATIONAL SYMPOSIUM ON PLANT TRANSPOSABLE  
ELEMENTS  
FOR THE PERIOD 05-01-87 THROUGH 04-30-88  
AWARD # DE-FG02-87ER13706  
MSN AG&LSC GENETICS (144-Z232) 15,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

- 7) CARBON ISOTOPE FRACTIONATION IN PLANTS  
FOR THE PERIOD 06-01-87 THROUGH 05-31-88  
AWARD # DE-FG02-86ER13534  
MSN L&S CHEMISTRY (144-Z254) 73,000.00
26. SANDIA NATIONAL LABORATORIES  
ALBUQUERQUE, NM  
PRIME CONTRACTOR WITH DOE  
GRADUATE SUPPLY ALLOWANCE  
FOR THE PERIOD 02-01-87 THROUGH 01-31-88  
AWARD # AGR DTD 01-28-87  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-Z216) 2,000.00
27. LAWRENCE LIVERMORE NATIONAL LABORATORY  
LIVERMORE, CA  
PRIME CONTRACTOR WITH DOE  
INERTIAL CONFINEMENT FUSION TECHNOLOGY  
FOR THE PERIOD 10-01-86 THROUGH 09-30-87  
AWARD # 1456003  
MSN ENGR ENGR EXPER STA FUSION TEC (144-Z170) 34,871.00
28. MARTIN MARIETTA ENERGY SYSTEMS, INC  
OAK RIDGE, TN  
PRIME CONTRACTOR WITH DOE  
SYSTEM STUDIES FOR HIGH VOLTAGE DIRECT CURRENT  
POWER TRANSMISSION  
FOR THE PERIOD 04-01-87 THROUGH 12-31-87  
AWARD # 19X-SA253C  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-Z221) 90,000.00
29. NATIONAL AERONAUTICS AND SPACE ADMIN  
HAMPTON, VA  
IN SUPPORT OF THE FOLLOWING:
- 1) PROVIDE GOES PRIME MEASUREMENT FOR THE EARTH  
RADIATION BUDGET EXPERIMENT (ERBE)  
FOR THE PERIOD 11-06-84 THROUGH 12-31-87  
AT A TOTAL COST OF \$203,012.00  
AWARD # NAS1-17688, MOD. 2  
MSN GRAD SPACE SCI&ENG CT (144-W176) 95,500.00
- 2) A CONTINENTAL MIDDLE AND HIGH CLOUD PROJECT  
FOR FIRE  
FOR THE PERIOD 01-01-85 THROUGH 12-31-87  
AT A TOTAL COST OF \$131,630.00  
AWARD # NAG1-553, MOD. 5  
MSN GRAD SPACE SCI&ENG CT (144-W272) 63,496.00
30. CALIFORNIA INSTITUTE OF TECHNOLOGY  
PASADENA, CA  
PRIME CONTRACTOR WITH NASA  
WIDE FIELD PLANETARY CAMERA FOR SPACE TELESCOPE  
FOR THE PERIOD 01-01-84 THROUGH 06-30-87  
AT A TOTAL COST OF \$190,838.00  
AWARD # 65B-580912, MOD. 12  
MSN L&S SPACE ASTRON LAB (144-U151) 40,800.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

31. NASA, AMES RESEARCH CENTER  
MOFFETT FIELD, CA  
IN SUPPORT OF THE FOLLOWING:
- 1) DYNAMIC BEHAVIOR OF THE POLARIZATION FEATURES ON  
VENUS FROM THE ORBITER CLOUD PHOTOPOLARIMETER  
(OCPP) DATA  
FOR THE PERIOD 10-01-83 THROUGH 06-30-88  
AT A TOTAL COST OF \$136,662.00  
AWARD # NAG 2-265, MOD. 3  
MSN GRAD SPACE SCI&ENG CT (144-U067) 35,300.00
  - 2) HE II FLUID DYNAMICS STUDIES FOR SPACEBORNE  
CRYOGENIC SYSTEMS  
FOR THE PERIOD 07-01-85 THROUGH 06-30-87  
AT A TOTAL COST OF \$200,000.00  
AWARD # NAG 2-358, MOD. 4  
MSN ENGR ENGR EXPER STA NUCL ENGR (144-X115) 25,000.00
  - 3) RULES FOR SIMULATION OF AUDITORY SPACE  
OVER HEADPHONES  
FOR THE PERIOD 05-01-86 THROUGH 04-30-88  
AT A TOTAL COST OF \$32,500.00  
AWARD # NCA2-115, MOD. 2  
MSN GRAD WAISMAN CENTER (144-X853) 2,500.00
32. NASA, GODDARD SPACE FLIGHT CENTER  
GREENBELT, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) ANALYSIS OF THREE-DIMENSIONAL THUNDERSTORM MODEL  
OUTPUT IN TERMS OF GEOSYNCHRONOUS SATELLITE  
OBSERVATIONS  
FOR THE PERIOD 03-01-80 THROUGH 04-30-88  
AT A TOTAL COST OF \$232,743.00  
AWARD # NAG 5-23, MOD. 7  
MSN L&S METEOROLOGY (144-P244) 50,000.00
  - 2) ENERGY DIAGNOSTICS AND IMPACT STUDIES OF FGGE  
GLOBAL DATA SETS AND GLAS GCM SIMULATIONS  
FOR THE PERIOD 08-01-83 THROUGH 08-15-87  
AWARD # NAG 5-81, MOD. 6  
MSN GRAD SPACE SCI&ENG CT (144-T525) 53,352.00
  - 3) THE USE OF AVAILABLE POTENTIAL ENERGY TO EVALUATE  
GLOBAL DATA SETS  
FOR THE PERIOD 01-01-84 THROUGH 11-30-87  
AT A TOTAL COST OF \$137,089.00  
AWARD # NAG5-385, MOD. 3  
MSN L&S METEOROLOGY (144-U014) 36,000.00
  - 4) SCIENCE VERIFICATION CALIBRATION, AND  
GUARANTEED TIME OBSERVATIONS OF THE HIGH  
RESOLUTION SPECTROGRAPH OF THE HUBBLE  
SPACE TELESCOPE  
FOR THE PERIOD 09-16-86 THROUGH 09-15-91  
AT A TOTAL COST OF \$131,671.00  
AWARD # NAS5-29368, MOD. 3  
MSN L&S SPACE ASTRON LAB (144-Y657) 20,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

5)	LIDAR MEASUREMENTS OF BOUNDARY LAYERS, AEROSOL SCATTERING AND CLOUDS DURING PROJECT FIFE FOR THE PERIOD 05-01-87 THROUGH 04-30-88 AWARD # NAG 5-902 MSN L&S METEOROLOGY	( 144-Z203)	62,347.00
33.	NASA, MARSHALL SPACE FLIGHT CENTER MARSHALL SPACE FLIGHT CENTER, AL WISCONSIN ULTRAVIOLET PHOTO-POLARIMETER EXPERIMENT FOR THE PERIOD 09-04-81 THROUGH 09-30-88 AT A TOTAL COST OF \$7,271,760.00 AWARD # NAS5-26777, MOD. 32 MSN L&S SPACE ASTRON LAB	( 144-R418)	366,000.00
34.	NATIONAL ENDOWMENT FOR THE HUMANITIES WASHINGTON, DC THE DOCUMENTARY HISTORY OF THE RATIFICATION OF THE CONSTITUTION AND THE BILL OF RIGHTS FOR THE PERIOD 07-01-87 THROUGH 06-30-89 AWARD # RE-20632-87 MSN L&S HISTORY	( 144-Z264)	100,000.00
35.	NATIONAL SCIENCE FOUNDATION WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	MICROWAVE SPECTROSCOPY OF IONS AND OTHER TRANSIENT SPECIES FOR THE PERIOD 08-01-82 THROUGH 07-31-88 AT A TOTAL COST OF \$714,000.00 AWARD # CHE-8206194, MOD. 4 MSN L&S CHEMISTRY	( 144-S199)	130,000.00
2)	PHYSIOLOGICAL AND ECOLOGICAL IMPLICATIONS OF COUPLED HEAT AND MASS TRANSFER MECHANISMS OF ENDOTHERMS FOR THE PERIOD 08-01-84 THROUGH 01-31-88 AT A TOTAL COST OF \$165,036.00 AWARD # BSR-8404523, MOD. 2 MSN L&S ZOOLOGY	( 144-U780)	55,079.00
3)	MECHANISTIC AND EXPLORATORY ORGANIC PHOTOCHEMISTRY FOR THE PERIOD 02-15-85 THROUGH 07-31-88 AT A TOTAL COST OF \$534,200.00 AWARD # CHE-8416732, MOD. 2 MSN L&S CHEMISTRY	( 144-W393)	158,000.00
4)	EYE MOVEMENTS AND VISION FOR THE PERIOD 04-01-85 THROUGH 09-30-88 AT A TOTAL COST OF \$162,481.00 AWARD # BNS-8418827, MOD. 2 MSN GRAD WAISMAN CENTER	( 144-W443)	56,481.00
5)	STUDIES OF ZEOLITE CATALYSTS FOR CONTROL OF EMISSIONS; REDOX REACTION AND HYDROCARBON OXIDATION FOR THE PERIOD 07-15-85 THROUGH 01-31-89 AT A TOTAL COST OF \$95,006.00 AWARD # CBT-8414622, MOD. 2 MSN ENGR ENGR EXPER STA CHEM ENGR	( 144-X175)	34,630.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

- 6) UNEXPECTED OPTICAL RESPONSE CHARACTERISTICS OF  
TI:LINBO3 GUIDED WAVE ELECTRO-OPTIC DEVICES  
FOR THE PERIOD 02-15-86 THROUGH 07-31-88  
AT A TOTAL COST OF \$165,270.00  
AWARD # ECE-8508024, MOD. 1  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-X622) 81,300.00
- 7) ALGORITHM-BASED TESTING IN VLSI SYSTEMS  
FOR THE PERIOD 03-15-86 THROUGH 08-31-88  
AT A TOTAL COST OF \$147,600.00  
AWARD # MIP-8509194, MOD. 1  
MSN ENGR ENGR EXPER STA EL&COMPUT (144-X693) 77,600.00
- 8) REGULATION OF PLANT GENE EXPRESSION BY  
DNA METHYLATION  
FOR THE PERIOD 06-15-86 THROUGH 11-30-88  
AT A TOTAL COST OF \$186,800.00  
AWARD # DCB-8602500, MOD. 1  
MSN AG&LSC BIOCHEMISTRY (144-X734) 85,000.00
- 9) MATHEMATICAL SCIENCES: SOME QUESTIONS IN  
NONLINEAR DIFFERENTIAL EQUATIONS  
FOR THE PERIOD 05-15-86 THROUGH 10-31-88  
AT A TOTAL COST OF \$86,345.00  
AWARD # DMS-8520905, MOD. 1  
MSN L&S MATHEMATICS (144-X864) 42,720.00
- 10) MATHEMATICAL SCIENCES: GROUPS AND RINGS  
FOR THE PERIOD 05-15-86 THROUGH 10-31-88  
AT A TOTAL COST OF \$163,000.00  
AWARD # DMS-8521704, MOD. 1  
MSN L&S MATHEMATICS (144-X879) 85,200.00
- 11) MATHEMATICAL SCIENCES: THE COMBINATORICS AND  
TOPOLOGY OF REFLECTION GROUPS  
FOR THE PERIOD 06-01-86 THROUGH 11-30-88  
AT A TOTAL COST OF \$108,350.00  
AWARD # DMS-8600408, MOD. 1  
MSN L&S MATHEMATICS (144-X949) 64,700.00
- 12) MATHEMATICAL SCIENCES: MATRIX AND  
COMBINATORIAL THEORY  
FOR THE PERIOD 05-15-86 THROUGH 10-31-88  
AT A TOTAL COST OF \$138,400.00  
AWARD # DMS-8521521, MOD. 1  
MSN L&S MATHEMATICS (144-X950) 83,400.00
- 13) MATHEMATICAL SCIENCES: SOME PROBLEMS IN  
ALGEBRAIC COMBINATORICS  
FOR THE PERIOD 06-15-86 THROUGH 11-30-88  
AT A TOTAL COST OF \$30,550.00  
AWARD # DMS-8600882, MOD. 1  
MSN L&S MATHEMATICS (144-Y149) 16,050.00
- 14) DEVELOPMENT OF IMMUNITY  
FOR THE PERIOD 10-15-86 THROUGH 03-31-88  
AT A TOTAL COST OF \$70,000.00  
AWARD # DCB-8602751, MOD. 1  
MSN L&S ZOOLOGY (144-Y702) 4,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

15)	THE ALFVEN WAVE SPECTRUM IN NONUNIFORM PLASMAS FOR THE PERIOD 12-15-86 THROUGH 05-31-88 AWARD # PHY-8615075 MSN L&S      PHYSICS	(144-Y885)	240,250.00
16)	MATHEMATICAL SCIENCES: INTEGRAL REPRESENTATIONS AND COMMUTATIVE RINGS FOR THE PERIOD 05-15-87 THROUGH 10-31-88 AWARD # DMS-8620430 MSN L&S      MATHEMATICS	(144-Z159)	25,400.00
17)	PETROGENESIS OF GARNET ULTRAMAFITE AND ECLOGITE IN THE BOHEMIAN MASSIF, CZECHOSLOVAKIA FOR THE PERIOD 07-01-87 THROUGH 12-31-88 AWARD # EAR-8606998 MSN L&S      GEOL & GEOPHYSICS	(144-Z171)	30,100.00
18)	DETERMINANTS OF SOCIAL DEVELOPMENT FOR THE PERIOD 04-01-87 THROUGH 09-30-88 AWARD # BNS-8616853 MSN L&S      PRIMATE RES CTR	(144-Z177)	58,784.00
19)	ASTROPHYSICS OF DIFFUSE MEDIA FOR THE PERIOD 07-01-86 THROUGH 12-31-88 AWARD # AST-8643609 MSN L&S      PHYSICS	(144-Z225)	51,200.00
20)	DIAGNOSTIC STUDIES OF GLOBAL MONSOONAL CIRCULATIONS WITHIN THE NCAR COMMUNITY CLIMATE MODEL (CCM) FOR THE PERIOD 04-15-87 THROUGH 09-30-88 AWARD # ATM-8617582 MSN GRAD      SPACE SCI&ENG CT	(144-Z250)	57,100.00
36.	VETERANS ADMIN MADISON, WI SALARY SUPPORT OF RA TO PREPARE RADIOLABELLED FLUOROMETHANE FOR THE PERIOD 01-24-83 THROUGH 06-30-87 AWARD # 607/D4C398, MOD. 16 MSN HS-MED MEDICAL PHYSICS	(144-S852)	4,331.18
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND IN THE DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-A238)	35,000.00
38.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	386.00
39.	MULTIPLE DONORS CANCER RESEARCH MSN HS-MED	(133-A251)	825.00



GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

40.	MULTIPLE DONORS HEART RESEARCH MSN HS-MED	(133-A252)	325.00
41.	OOSTBURG AREA UNITED FUND, INC. OOSTBURG, WI GENERAL MEDICAL RESEARCH MSN HS-MED	(133-A253)	1,350.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	(133-A525)	85,031.91
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF PATHOLOGY MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-A530)	17,430.54
44.	MULTIPLE DONORS RESEARCH IN MENTAL HEALTH MSN HS-MED	(133-A550)	150.00
45.	W. BROTHERTON SEED CO., INC. MOSES LAKE, WA PEA AND SOYBEAN RESEARCH MSN AG&LSC AGRONOMY	(133-A593)	2,010.00
46.	MULTIPLE DONORS METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-A728)	500.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENERGY STORAGE PROJECT MSN ENGR ENGR EXPER STA SUPRCONDCT	(133-A797)	125,000.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC UTILITIES RESEARCH FOUNDATION PROFESSORSHIP IN ENERGY ENGINEERING MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-A816)	100,000.00
49.	MULTIPLE DONORS HEART RESEARCH-CARDIOLOGY SECTION MSN HS-MED MEDICINE	(133-B379)	203.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF GENERAL SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	(133-B573)	7,535.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF CARDIO-THORACIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	(133-B575)	2,240.00
52.	SUSTAINING FUND FOR CHEESE RESEARCH INSTITUTE MSN AG&LSC FOOD SCIENCE	(133-B996)	
	425.00      MULTIPLE DONORS 2,292.50      PFIZER MILWAUKEE, WI		2,717.50
53.	MULTIPLE DONORS WILDLIFE RESEARCH MSN AG&LSC N R-WILDLIF ECOL	(133-C298)	300.00
54.	ANONYMOUS DONOR NONMETROPOLITAN POPULATION TRENDS MSN AG&LSC RURAL SOCIOLOGY	(133-C551)	1,000.00
55.	MULTIPLE DONORS CLINICAL MICROBIOLOGY LABORATORY FUND MSN HS-MED MED MICROBIOLOGY	(133-C795)	200.00
56.	STAUFFER CHEMICAL COMPANY TRUMBULL, CT CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-C975)	2,800.00
57.	MULTIPLE DONORS ALLERGY RESEARCH MSN HS-MED MEDICINE	(133-D038)	535.90
58.	MIDWEST PICKLE ASSOCIATION OCONTO, WI PLANT BREEDING AND GENETICS OF VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-D117)	4,785.00
59.	ARCADIAN CORPORATIN GREENSBORO, NC GROWTH REGULATORS - FRUIT CROPS MSN AG&LSC HORTICULTURE	(133-D127)	1,545.00
60.	MULTIPLE DONORS VEGETABLE DISEASE RESEARCH MSN AG&LSC PLANT PATHOLOGY	(133-D374)	750.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND EDUCATIONAL PROGRAMS IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY	(133-D448)	6,300.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

62.	E. I. DUPONT DENEMOURS & COMPANY WILMINGTON, DE DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH (133-D646)	1,000.00
63.	HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA BRATTLEBORO, VT BULL AND COW EVALUATIONS FOR FINAL SCORE, BREAKDOWN COMPONENTS AND LINEARIZED DESCRIPTIVE TYPE TRAITS MSN AG&LSC DAIRY SCIENCE (133-D995)	9,000.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC MACHINES AND POWER ELECTRONICS ACCOUNT MSN ENGR ENGR EXPER STA EL&COMPUT (133-E273)	60,000.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION TRACY RUHRUP MEMORIAL VIRUS RESEARCH FUND MSN HS-MED MED MICROBIOLOGY (133-E289)	250.00
66.	KRAFT, INC. GLENVIEW, IL STUDY SELECTED WISCONSIN CALF HOUSING SYSTEMS AND MANAGEMENT MSN AG&LSC DAIRY SCIENCE (133-E364)	4,500.00
67.	MULTIPLE DONORS DUTCH ELM DISEASE CONTROL PROGRAM MSN AG&LSC PLANT PATHOLOGY (133-E406)	100.00
68.	MULTIPLE DONORS SUPPORT STUDENT HOURLY HELP IN PROJECT RESEARCH INVOLVING THE COURTSHIP AND PARENTAL CARE INTERACTIONS IN FISHES MSN L&S ZOOLOGY (133-E707)	402.03
69.	ABLEX PUBLISHING CORPORATION NORWOOD, NJ EDITORIAL SUPPORT FOR "LIBRARY RESEARCH": AN INTERNATIONAL JOURNAL MSN L&S LIB&INF ST (133-E910)	1,500.00
70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PRODUCTION ENGINEERING RESEARCH MSN ENGR ENGR EXPER STA MECH ENGR (133-FO45)	60,000.00
71.	MULTIPLE DONORS CARDIOVASCULAR SURGERY HEART RESEARCH FUND MSN HS-MED SURGERY THORACIC S (133-FO69)	50.00
72.	SCHERING CORP KENILWORTH, NJ WISCONSIN PHARMACEUTICS RESEARCH LABORATORY MSN HS-PHR PHARMACY (133-FO98)	7,500.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

73.	GRASS VARIETY TESTING MSN AG&LSC AGRONOMY	(133-F169)	
	2,250.00	TURF-SEED, INC. HUBBARD, OR	
	1,200.00	INTERNATIONAL SEEDS, INC. HALSEY, OR	
	900.00	MULTIPLE DONORS	
	3,600.00	INTERNATIONAL SEEDS, INC. HALSEY, OR	
	450.00	MULTIPLE DONORS	
	450.00	MULTIPLE DONORS	
			8,850.00
74.	ARCO EXPLORATION COMPANY DALLAS, TX RESEARCH ASSISTANTSHIP IN SEDIMENTARY GEOLOGY MSN L&S GEOL & GEOPHYSICS	(133-F586)	2,000.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARCO JUNIOR FACULTY SUPPORT IN GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSICS	(133-F607)	5,000.00
76.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED ENGINE COMBUSTION RESEARCH MSN ENGR ENGR EXPER STA I COMBUSTN	(133-F778)	10,000.00
77.	MCDONALD'S CORPORATION OAK BROOK, IL DETECTION OF E. COLI IN FOODS MSN AG&LSC FOOD MICRO&TOXIC	(133-F867)	17,500.00
78.	GENERAL PACKERS INTERNATIONAL, INC. ST. CHARLES, IL GENERAL PICKLE RESEARCH MSN AG&LSC HORTICULTURE	(133-F938)	1,500.00
79.	MULTIPLE DONORS PEDIATRIC ICU FUND MSN HS-MED PEDIATRICS	(133-F979)	900.00
80.	SANDOZ, INC. EAST HANOVER, NJ PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY	(133-G020)	4,500.00
81.	FIBER AND GASTROINTESTINAL RESEARCH DISCRETIONARY ACCOUNT MSN AG&LSC NUTRITIONAL SCI	(133-G365)	
	2,500.00	QUAKER OATS COMPANY BARRINGTON, IL	
	3,000.00	CONGAGRA FLOUR MILLING COMPANY OMAHA, NE	
			5,500.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

82.	MCDONALD'S CORPORATION OAK BROOK, IL INHIBITOR(S) OF MUTAGENESIS AND CARCINOGENESIS IN BEEF MSN AG&LSC FOOD MICRO&TOXIC	(133-G560)	12,500.00
83.	MCDONALD'S CORPORATION OAK BROOK, IL CONTROL OF FOOD-BORNE PATHOGENS MSN AG&LSC FOOD MICRO&TOXIC	(133-G561)	5,000.00
84.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	2,000.00
85.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI COGNITIVE RETRAINING PROGRAM MSN HS-MED NEUROLOGY	(133-G805)	3,300.00
86.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANXIETY DISORDERS CLINIC MSN HS-MED PSYCHIATRY	(133-G812)	2,272.02
87.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA SUPERCONDUCTIVITY MAGNETIC ENERGY STORAGE: BASIC R & D FOR THE PERIOD 02-01-84 THRU 02-01-88 AT AN \$1,053,032 LEVEL AWARD # RP-2898-1 MSN ENGR ENGR EXPER STA SUPRCONDCT	(133-H018)	250,000.00
88.	WISCONSIN GINSENG GROWERS ASSOCIATION, INC. WAUSAU, WI RESEARCH ON REGISTRATION OF PESTICIDES ON GINSENG MSN AG&LSC PLANT PATHOLOGY	(133-H036)	7,500.00
89.	MULTIPLE DONORS QUALITY & PRODUCTIVITY RESEARCH PROJECT MSN ENGR ENGR EXPER STA INDUS ENGR	(133-H060)	165.00
90.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ADVANCED AUTOMATION AND ROBOTICS RESEARCH CONSORTIUM MSN ENGR ENGR EXPER STA MECH ENGR	(133-H213)	25,000.00
91.	BORDEN FOUNDATION, INC. COLUMBUS, OH PEDIATRIC PULMONARY CAPITAL FUND MSN HS-MED PEDIATRICS	(133-H276)	1,100.00
92.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER PROFESSORSHIP IN NUCLEAR ENGINEERING MSN ENGR NUC ENGR&E PHYSC	(133-H502)	30,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

93.	BRADY (W H) CO. MILWAUKEE, WI THIN FILM DEVICE RESEARCH TERMINATED PER MUTUAL AGREEMENT DUE TO CHANGE IN DIRECTION OF RESEARCH EFFORT BY SPONSOR MSN ENGR ENGR EXPER STA EL&COMPUT (133-H561)	11,400.00-
94.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER FACULTY SCHOLAR MSN ENGR ENGR EXPER STA EL&COMPUT (133-H730)	11,000.00
95.	SQUIBB (E R) & SONS, INC. PRINCETON, NJ ACUTE ANTIANGINAL EFFECTS OF CAPTOPRIL IN PATIENTS WITH STABLE ANGINA PECTORIS IN COMPARISON WITH PLACEBO MSN HS-MED MEDICINE CARDIOLOGY (133-H908)	5,000.00
96.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI THIN FILM DEPOSITION AND APPLICATIONS PROGRAMS MSN ENGR ENGR EXPER STA MATERLS SC (133-H916)	27,000.00
97.	MULTIPLE DONORS ALS RESEARCH MSN HS-MED NEUROLOGY (133-H941)	40.00
98.	PFIZER, INC. NEW YORK, NY CLINICAL STUDY OF NIFEDIPINE IN ABORTING ACUTE ATTACKS OF CLASSIC MIGRAINE HEADACHE AWARD # STUDY 84-S-013 MSN HS-MED NEUROLOGY (133-H995)	3,500.00
99.	AYERST LABORATORIES NEW YORK, NY DOUBLE-BLIND EVALUATION OF THE SAFETY AND EFFICACY OF ULTRADOL COMPARED TO INDOMETHACIN IN THE TREATMENT OF ACUTE GOUTY ARTHRITIS MSN HS-MED MEDICINE RHEUMATOL (133-J010)	1,138.80
100.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI FACULTY SALARY AND FRINGE BENEFIT SUPPORT MSN HS-MED RADIOLOGY (133-J330)	3,376.00
101.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SENSOR AND INSPECTION TECHNOLOGY FUND MSN ENGR ENGR EXPER STA MECH ENGR (133-J389)	30,000.00
102.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ERGONOMICS RESEARCH LABORATORY MSN ENGR ENGR EXPER STA INDUS ENGR (133-J403)	1,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

103.	BRISTOL-MYERS COMPANY SYRACUSE, NY EST 2382 - STUDY OF PLATINOL & RADIATION THERAPY IN HEAD & NECK CANCER AWARD # STUDY #100-056-001 MSN HS-MED HUMAN ONCOLOGY EAST COOP (133-J439)	45,000.00
104.	NATIONAL LIVESTOCK & MEAT BOARD CHICAGO, IL OPTIMIZATION OF THE QUALITY-ENHANCING EFFECTS OF ELECTRICAL STIMULATION MSN AG&LSC MEAT& ANIMAL SCI (133-J473)	1,700.00
105.	WISC DEPT OF ADMINISTRATION MADISON, WI ANALYSIS OF PERFORMANCE OF FORCED AIR SOLAR HEATING SYSTEMS IN RESIDENCES MSN ENGR ENGR EXPER STA SOLAR ENRG (133-J720)	1,500.00
106.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY AND DYNAMICS OF SUSPENSION: MATCHING FUNDS FOR NSF-PRESIDENTIAL YOUNG INVESTIGATORS AWARD MSN ENGR ENGR EXPER STA CHEM ENGR (133-J762)	20,000.00
107.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN PLASMA PROCESSING & TECHNOLOGY CONSORTIUM MSN ENGR ENGR EXPER STA EL&COMPUT (133-J808)	40,000.00
108.	MULTIPLE DONORS ADVERSE REACTIONS TO LEUKOCYTES MSN VET M MEDICAL SCIENCES (133-J823)	25.00
109.	STATE BAR OF WISCONSIN MADISON, WI CORPORATE LAW REVISION MSN LAW LAW SCHOOL (133-J825)	4,700.00
110.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY COMBINATION THERAPY WITH INTERFERONS (TYPE I) AND CYTOTOXIC AGENTS FOR THE PERIOD 01-01-86 THRU 12-31-87 AT A \$163,795 LEVEL AWARD # IFN-11 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-J866)	41,744.00
111.	MULTIPLE DONORS DOCUMENTARY HISTORY OF RATIFICATION OF CONSTITUTION-MATCHING ACCOUNT MSN L&S HISTORY (133-J926)	200.00
112.	HAVEMAN (ROBERT A.) MADISON, WI INCOME REDISTRIBUTION POLICY IN THE UNITED STATES MSN L&S INST-RES ON POV (133-J928)	2,529.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

113.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL PHYSICS PUBLISHING FUND MSN HS-MED MEDICAL PHYSICS	(133-J931)	450.70
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 ADMINISTRATIVE MEDICINE PROGRAM FUND MSN HS-MED PREVENTIVE MED	(133-J995)	500.00
117.	DAIRYLAND RESEARCH INTERNATIONAL CLINTON, WI AGRONOMIC PERFORMANCE OF ALFALFA BREEDING LINES IN THE WET, COLD SOILS OF WISCONSIN MSN AG&LSC AGRONOMY	(133-J996)	3,750.00
118.	MULTIPLE DONORS DOWNTOWN REVITALIZATION PROJECT MSN AG&LSC NR-LANDSCAP ARCH	(133-K002)	850.00
119.	DESERET MEDICAL, INC. SANDY, UT INSYTE COMPARATIVE STUDY MSN HS-MED MEDICINE	INFECT DIS (133-K035)	25,000.00
120.	CLINICAL PROTOCOL ASSOCIATES, INC. FORT LEE, NJ EVALUATION OF SAFETY AND EFFICACY OF PY108-068 COMPARED WITH PROPRANOLOL IN TREATMENT OF ANGINA PECTORIS MSN HS-MED MEDICINE	CARDIOLOGY (133-K060)	4,500.00
121.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE	HEMATOLOGY (133-K061)	216.13
122.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NUCLEAR REACTOR SAFETY MSN ENGR ENGR EXPER STA	NUCL ENGR (133-K166)	1,150.00
123.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL SCHOOL DEVELOPMENT FUND MSN HS-MED	(133-K242)	150,000.00



GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

124.	MULTIPLE DONORS EQUINE NEONATAL MEDICINE MSN VET M MEDICAL SCIENCES	(133-K249)	100.00
125.	AYERST LABORATORIES NEW YORK, NY ULTRADOL STUDY PROTOCOL NO. 84-291 MSN HS-MED MEDICINE RHEUMATOL	(133-K293)	1,237.60
126.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUMMER HONORS UNDERGRADUATE RESEARCH GRANTS MSN L&S ADM-STU ACAD AFF HONORS PRG	(133-K354)	10,000.00
127.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-19-86 THRU 05-29-87 AWARD # 86-1 LUND MSN ENGR ENGR EXPER STA ADMIN	(133-K357)	4,434.00
128.	MULTIPLE DONORS PROGRAM SUPPORT FOR THE CENTER FOR LAND INFORMATION STUDIES MSN ENV ST LAND INFO ST LD INFO ST	(133-K369)	604.00
129.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KINETIC THEORY AND BROWNIAN DISPERSION OF POLYMER LIQUIDS MSN ENGR ENGR EXPER STA CHEM ENGR	(133-K446)	7,000.00
130.	MULTIPLE DONORS THE ROLE AND IMPORTANCE OF AGRICULTURE TO THE WISCONSIN ECONOMY MSN AG&LSC AG JOURNALISM	(133-K539)	500.00
131.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WELDING RESEARCH MSN ENGR ENGR EXPER STA MET & MIN	(133-K556)	4,000.00
132.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MICROCONTROLLED SURGERY FELLOWSHIP MSN HS-MED SURGERY GEN SURG	(133-K557)	1,000.00
133.	MULTIPLE DONORS CAMPYLOBACTER INFECTION IN FUR BEARING ANIMALS MSN VET M MEDICAL SCIENCES	(133-K603)	200.00
134.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NEUROLOGICAL REHABILITATION RESEARCH MSN HS-MED REHABIL MEDICINE	(133-K604)	3,800.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

135.	HONEYWELL CORPORATION MINNETONKA, MN TOMOGRAPHIC REPRODUCTION OF NARROW-ANGLE SAR IMAGES FOR THE PERIOD 06-01-86 THRU 06-30-87 AWARD # PD #941084 MSN ENGR ENGR EXPER STA EL&COMPUT (133-K639)	13,200.00
136.	XECHEM, INC. ROSEMONT, IL PROGRAM FOR THE DISCOVERY AND PRODUCTION OF ANTHRACYCLINE ANTIBIOTICS AT A TOTAL COST OF \$130,234.70 MSN HS-PHR PHARMACY (133-K761)	44,906.70
137.	ILLINOIS (UNIVERSITY OF) AT CHICAGO CHICAGO, IL EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 09-05-86 THRU 12-08-86 AT A \$27,892 LEVEL MSN L&S LIB&INF ST (133-K823)	984.24
138.	INTERNATIONAL SYMPOSIUM ON PLANT TRANSPOSABLE ELEMENTS FOR THE PERIOD MSN AG&LSC GENETICS (133-K832)	
	500.00 MULTIPLE DONORS	
	2,500.00 MONSANTO COMPANY ST. LOUIS, MO	
	1,000.00 BETHESDA RESEARCH LAB GAITHERSBURG, MD	
	2,500.00 INTERNATIONAL SOCIETY FOR PLANT MOLECULAR BIOLOGY ATHENS, GA	
		6,500.00
139.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WOOD AND POLYMER COMPOSITE MATERIALS RESEARCH MSN ENGR ENGR EXPER STA CHEM ENGR (133-K849)	14,000.00
140.	MULTIPLE DONORS ELECTROPHYSIOLOGY RESEARCH FUND MSN HS-MED MEDICINE CARDIOLOGY (133-K875)	120.00
141.	JANESVILLE FOUNDATION, INC. JANESVILLE, WI ISSUES AND OPTIONS FOR COMMUNITY DEVELOPMENT FOR JANESVILLE FOR THE PERIOD 09-16-86 THRU 05-30-87 MSN AG&LSC NR-LANDSCAP ARCH (133-K954)	227.44
142.	GAS RESEARCH INSTITUTE CHICAGO, IL ANALYSIS OF DRILL CORE FROM THE SILJAN RING IMPACT STRUCTURE AND RELATED PROCESSES IN SHEAR-ZONE TERRANES FOR THE PERIOD 10-01-86 THRU 12-31-87 AWARD # CONTRACT NO 5086-260-1425 MSN L&S GEOL & GEOPHYSICS (133-K974)	170,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

143.	BIOPULPING CONSORTIUM MSN GRAD BIOTECHNOLGY CTR	(133-L093)	
	15,000.00 BOISE CASCADE PORTLAND, OR		
	15,000.00 SANDOZ CHEMICALS CORPORATION CHARLOTTE, NC		
			30,000.00
144.	MULTIPLE DONORS ORNAMENTAL RESEARCH MSN AG&LSC HORTICULTURE	(133-L143)	80.00
145.	FORD FOUNDATION NEW YORK, NY MONITOR COLLABORATION PROJECTS FOR THE FORD FOUNDATION FOR THE PERIOD 01-01-87 THRU 12-31-87 AWARD # 850-0224C MSN EDUC WIS CTR EDUC RES	(133-L156)	227,400.00
146.	MULTIPLE DONORS SWINE RESEARCH REPORT MSN AG&LSC MEAT& ANIMAL SCI	(133-L281)	700.00
147.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY RESEARCH FUND MSN HS-MED PSYCHIATRY	(133-L301)	12,000.00
148.	HARVARD UNIVERSITY CAMBRIDGE, MA RESILENCE IN AGING FOR THE PERIOD 01-01-87 THRU 05-31-87 AWARD # SCI-0015 MSN GRAD INST-AGING&ADULT	(133-L473)	39,520.00
149.	MARCH OF DIMES BIRTH DEFECTS FOUNDATION WHITE PLAINS, NY GENETICS OF INSULIN-DEPENDENT DIABETES: ANALYSIS WITH HUMAN T-CELL CLONES FOR THE PERIOD 09-01-86 THRU 08-31-87 AWARD # 5-538 MSN HS-MED MEDICINE	ENDOCRINL (133-L475)	25,000.00
150.	WISCONSIN SOYBEAN MARKETING BOARD, INC. MADISON, WI ECONOMICS & YIELD OF GRAINS INFLUENCED BY SOYBEAN POSITION IN CROP ROTATION SYSTEMS AWARD # RESEARCH-1/UW/FY87 MSN AG&LSC AGRONOMY	(133-L479)	5,500.00
151.	WISCONSIN SOYBEAN MARKETING BOARD, INC. MADISON, WI THE USE OF EARLY PREPLANT AND PREPLANT HERBICIDE APPLICATIONS FOR WEED CONTROL IN NO-TILL SOYBEANS PRODUCTION AWARD # RESEARCH-1/UW/FY87 MSN AG&LSC AGRONOMY	(133-L480)	5,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

152.	WISCONSIN SOYBEAN MARKETING BOARD, INC. MADISON, WI DEVELOPMENT OF "LEAST COST" TECHNIQUES FOR CONTROLLING PROBLEM WEEDS IN WISCONSIN SOYBEANS AWARD # RESEARCH-1/UW/FY87 MSN AG&LSC AGRONOMY	(133-L481)	5,000.00
153.	DAIRY RESEARCH, INC. ROSEMONT, IL (1) TIME TO AND (2) EFFECT OF DIFFERENT LEVELS OF LACTIC ACID, OF VOTULINAL TOXIN PRODUCTION IN BUTTER-LITE SPREAD MSN AG&LSC FOOD MICRO&TOXIC	(133-L482)	10,000.00
154.	VIRGINIA (UNIVERSITY OF) CHARLOTTESVILLE, VA DOCUMENTARY HISTORY OF THE RATIFICATION OF THE CONSTITUTION AWARD # P.O. #A710644 MSN L&S HISTORY	(133-L483)	45,000.00
155.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC CARBON ISOTOPE EXCHANGE AND EQUILIBRATION: APPLICATION TO METAMORPHIC THERMOMETRY AND GRAPHITE MATURATION FOR THE PERIOD 05-01-87 THRU 08-31-89 AWARD # PRF #18839-AC2 MSN L&S GEOL & GEOPHYSCS	(133-L484)	35,000.00
156.	UPJOHN COMPANY KALAMAZOO, MI SEX-LINKED RECESSIVE LETHAL ASSAY OF NVG 11 MSN L&S ZOOLOGY	(133-L485)	25,140.00
157.	SMITH (A O) CORPORATION MILWAUKEE, WI PLASMA SOURCE ION IMPLANTATION MSN ENGR ENGR EXPER STA NUCL ENGR	(133-L487)	10,000.00
158.	LILLY (ELI) AND COMPANY INDIANAPOLIS, IN SOLUTION STRUCTURE OF A PROTEIN BY NMR SPECTROSCOPY MSN AG&LSC BIOCHEMISTRY	(133-L488)	99,285.00
159.	HOFFMANN-LAROCHE, INC. NUTLEY, NJ EVALUATION OF TWO DOSES OF RO 23-6240 IN TREATMENT OF COMPLICATED OR RECURRENT URINARY TRACT INFECTIONS MSN HS-MED SURGERY UROLOGY	(133-L489)	12,500.00
160.	MARYLAND (UNIVERSITY OF) COLLEGE PARK, MD JOBS AND INCOME IN INDIAN COUNTRY AWARD # 33146 MSN AG&LSC RURAL SOCIOLOGY	(133-L492)	26,667.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

161.	MONSANTO COMPANY ST. LOUIS, MO UW GENETICS WORKSHOP MSN GRAD BIOTECHNOLGY CTR	(133-L493)	40,000.00
162.	FORD FOUNDATION NEW YORK, NY CONTEMPORARY INDONESIAN LITERATURE PROJECT FOR THE PERIOD 01-15-87 THRU 05-18-87 MSN L&S SPECIAL PROJECTS SE ASIA ST	(133-L494)	2,220.00
163.	UNITED NATIONS HIGH COMMISSIONER FOR REFUGEES GENEVA, SWITZERLAND EMERGENCY MANAGEMENT TRAINING PROGRAM AWARD # 87/AP/VAR/LS/9/OV MSN ENGR ENGR PRFSNL DVLP	(133-L495)	100,000.00
164.	MULTIPLE DONORS CLINICAL PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-L496)	300.00
165.	SEARLE (G.D.) AND COMPANY SKOKIE, IL PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY	(133-L497)	17,000.00
166.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY AMERICAN CANCER SOCIETY DISCRETIONARY RESEARCH FUND FOR THE PERIOD 04-01-87 THRU 03-31-88 AWARD # RDP-17-1 MSN HS-MED ONCOLOGY	(133-L501)	10,000.00
167.	NATIONAL GEOGRAPHIC SOCIETY WASHINGTON, DC RADIO TELEMETRY OF EUROPEAN BROWN BEARS IN YUGOSLAVIA MSN AG&LSC N R-WILDLIF ECOL	(133-L503)	3,500.00
168.	SYSTEM DEVELOPMENT FOUNDATION SAN FRANCISCO, CA AN X-RAY MICROBEAM SYSTEM FOR STUDIES OF SPEECH PRODUCTION MSN GRAD WAISMAN CENTER	(133-L505)	21,528.00
169.	PUTNAM, MICHAEL S. MADISON, WI CRANE CONSERVATION IN CHINA, HONG KONG AND JAPAN MSN L&S ZOOLOGY	(133-L506)	1,113.00
170.	MIRACLE MILE BUSINESS ASSOCIATION MEDFORD, WI MEDFORD DEVELOPMENT OF PLAN AND DESIGN CONCEPT FOR THE "MIRACLE MILE" MSN AG&LSC NR-LANDSCAP ARCH	(133-L508)	2,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

171.	MAUSTON FARMERS COOPERATIVE ASSOCIATION MAUSTON, WI CONTROLLED ATMOSPHERE FOR LONG TERM GRAIN STORAGE MSN AG&LSC AG ENGINEERING (133-L510)	3,375.00
172.	MULTIPLE DONORS GENETIC RESEARCH MSN AG&LSC POULTRY SCIENCE (133-L515)	90.00
173.	AMERICAN FARM PRODUCTS YPSILANTI, MI RE-WETTING AND PRESERVATIVE RATE EFFECTS ON HARVEST LOSSES AND STORAGE CHARACTERISTICS OF ALFALFA HAY MSN AG&LSC AGRONOMY (133-L519)	9,420.00
174.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC DIFFUSION THROUGH MACROPOROUS SYSTEMS FOR THE PERIOD 09-01-87 THRU 08-31-89 AWARD # PRF #18595-G7 MSN HS-PHR PHARMACY (133-L520)	18,000.00
175.	WISC DEPT OF ADMINISTRATION MADISON, WI WISCONSIN FUEL-EFFICIENT TRANSPORTATION PROGRAM FOR THE PERIOD 04-02-87 THRU 04-01-89 AWARD # ADG 01077 MSN ENGR ENGR EXPER STA CIVIL&ENV (133-L521)	1,000,000.00
176.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY EXPERIMENTAL TREATMENT OF ALS FOR THE PERIOD 02-01-87 THRU 03-31-88 MSN HS-MED NEUROLOGY (133-L522)	48,600.00
177.	ATRONAUTICS CORPORATION OF AMERICA MILWAUKEE, WI FABRICATION OF CERAMIC GADOLINIUM GALLIUM GARNET MSN ENGR ENGR EXPER STA MET & MIN (133-L523)	3,120.05
178.	AG-VET DIAGNOSTICS, INC. MUNDELEIN, IL REFINEMENT OF A RAPID DIAGNOSTIC TEST FOR BOVINE PARATUBERCULOSIS MSN VET M PATHOBIOLGCL SCI (133-L525)	46,497.00
179.	ANAQUEST MADISON, WI ISOFLURANE RESEARCH MSN VET M SURGICAL SCI (133-L526)	5,000.00
180.	INTERNATIONAL RESEARCH AND EXCHANGES BOARD PRINCETON, NJ SENIOR SCHOLAR TRAVEL GRANT MSN L&S SOCIOLOGY (133-L527)	1,500.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

181.	ADRIA LABORATORIES COLUMBUS, OH PHASE 1 TOLERANCE, PHARMACODYNAMIC AND PHARMACOKINETIC STUDY OF TOREMIFENE IN PATIENTS WITH VARIOUS TUMOR TYPES AWARD # 87092002 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-L528)	44,329.00
182.	WINN (ROBERT H.) FOUNDATION OCEAN, NJ PILOT STUDY TO DOCUMENT AUTOLOGOUS TISSUE TRANSMISSION OF FELINE EOSINOPHILIC PLAQUES MSN VET M MEDICAL SCIENCES (133-L533)	1,946.92
183.	HONEYWELL MINNEAPOLIS, MN ANALYSIS OF DISTRIBUTED ELEMENT EFFECTS ON GAAS MICROWAVE AND MILLIMETER WAVE CIRCUITS AWARD # 0386 14-XS MSN ENGR ENGR EXPER STA EL&COMPUT (133-L536)	10,000.00
184.	CIBA-GEIGY CORP. GREENSBORO, NC BIOCONTROL OF DAMPING OFF AND ROOT ROT WITH BACILLUS CEREUS STRAIN UW85 MSN AG&LSC PLANT PATHOLOGY (133-L537)	36,100.00
185.	FORD FOUNDATION NEW YORK, NY TRADE RELATIONS PROJECT AWARD # 870-0333 MSN L&S ECONOMICS (133-L538)	174,261.00
186.	RHONE-POULENC, INC. ATLANTA, GA A FIELD TRIAL TO EVALUATE THE GROWTH OF DAIRY CALVES FED DECCOX FROM BIRTH UNTIL EIGHT MONTHS OF AGE MSN VET M MEDICAL SCIENCES (133-L539)	14,551.00
187.	B & B SPECIALTIES SPENCER, WI THE EFFECT OF AN ENZYMATIC-BACTERIAL ADDITIVE (AGRA-FERM 11) ON HAYLAGE MSN AG&LSC DAIRY SCIENCE (133-L542)	7,000.00
188.	CORNELL UNIVERSITY ITHACA, NY FIELD INSECTS RESEARCH MSN AG&LSC ENTOMOLOGY (133-L545)	600.00
189.	MILWAUKEE METROPOLITAN SEWERAGE DISTRICT MILWAUKEE, WI AGRONOMIC TESTS ON DRIED SLUDGE PRODUCTS AWARD # 03933 2222 MSN AG&LSC SOIL SCIENCE (133-L546)	2,084.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

190.	WISCONSIN ACADEMY OF SCIENCES, ARTS, AND LETTERS MADISON, WI STUDIES OF MARSH BEETLES AT PINE HOLLOW, CEDARBURG BOG, AND CEDARBURG BEECH WOODS MSN AG&LSC ENTOMOLOGY	( 133-L547)	400.00
191.	UPJOHN COMPANY KALAMAZOO, MI CLINICAL PHARMACY RESEARCH MSN HS-PHR PHARMACY	( 133-L548)	13,500.00
192.	ALCOHOLIC BEVERAGE MEDICAL RESEARCH FOUNDATION BALTIMORE, MD NEUROBIOLOGICAL REGULATORS OF ALCOHOL CONSUMPTION-PERIPHERAL MEASURES MSN HS-PSY PSYCHIATRIC INST	( 133-L558)	25,000.00
193.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 03-17-87 THRU 09-01-87 AWARD # 87-1 HILL MSN AG&LSC NAT RSRCS- ADMIN	( 133-L560)	3,500.00
194.	WISC DEPT OF TRANSPORTATION MADISON, WI RIGHT-A-WAY PLANTINGS AWARD # 0072-01-03 MSN AG&LSC NR-LANDSCAP ARCH	( 133-L561)	7,177.00
195.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA COMMERCIAL BUILDING LATENT LOAD REMOVAL SYSTEMS FOR THE PERIOD 04-15-87 THRU 06-15-87 AWARD # DN #01 RP2891-3 MSN ENGR ENGR EXPER STA SOLAR ENRG	( 133-L562)	18,000.00
196.	WISC DEPT OF NATURAL RESOURCES MADISON, WI EFFECTS OF DIOXIN CONTAMINATED SLUDGE ON WILDLIFE FOR THE PERIOD 04-20-87 THRU 06-30-87 AWARD # NRG 92110 MSN HS-PHR PHARMACY	( 133-L563)	8,600.00
197.	OGG (FREDERIC A) TRUST FREDERIC A OGG STUDENT AID FUND MSN L&S POLITICAL SCI	( 133-0019)	2,595.90
198.	MULTIPLE DONORS UNRESTRICTED FUND TO BE USED AT THE DISCRETION OF THE CHAIRMAN OF THE DEPARTMENT OF GENETICS (MEDICAL) AS APPROVED BY THE DEAN OF THE MEDICAL SCHOOL MSN HS-MED GENETICS	( 133-4379)	824.94



GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## RESEARCH

199.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED (133-5671)	317.00
200.	MULTIPLE DONORS TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY (133-6855)	300.00
201.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BIODYNAMICS LABORATORY RESEARCH PROGRAM MSN EDUC PHYS ED & DANCE BIODYN LAB (133-7153)	1,000.00
202.	MULTIPLE DONORS POTATO RESEARCH MSN AG&LSC HORTICULTURE (133-7371)	420.00
203.	BASF CORPORATION PARSIPPANY, NJ GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS MSN AG&LSC AGRONOMY (133-8218)	2,000.00
204.	MULTIPLE DONORS HERD DEVELOPMENT AND DAIRY CATTLE BREEDING RESEARCH MSN AG&LSC DAIRY SCIENCE (133-9531)	2,062.50
205.	BRUNSWICK FOUNDATION, INC. SKOKIE, IL BRUNSWICK FOUNDATION FELLOWSHIP IN THE DEPARTMENT OF MECHANICAL ENGINEERING MSN ENGR ENGR EXPER STA I COMBUSTN (133-9631)	3,800.00
206.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY RESEARCH CENTER OPERATING GRANT MSN ENGR ENGR EXPER STA MECHANICS (133-9653)	20,000.00

## STUDENT AID

1.	AMERICAN MEDICAL ASSOCIATION--CHICAGO, IL FUND IS AVAILABLE FOR MEDICAL SCHOOL REVOLVING STUDENT LOANS (WITH INTEREST RATES ESTABLISHED BY THE FINANCIAL AIDS OFFICE) OR FOR GRANTS IN AID. MEDICAL SCHOOL STUDENT FINANCIAL AID MSN HS-MED ADMINISTRATION DEANS OFFC ( LOANS )	2,667.25
2.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAIKIN, GEORGE AND SYLVIA--PRIZE MSN L&S HEBREW & SEM STU ( TRUST )	200.00
3.	PRINCIPAL AND TERMS FOR LOW INTEREST LOANS IN THE SAME MANNER AS THE TERMS GOVERNING THE JOHN MANCHESTER LOAN FUND (FUND 134) PETERSON, ISABELLE SCHOLARSHIP FUND MSN ENGR MET & MIN ENGR ( TRUST )	

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

- |     |  |  |           |
|-----|--|--|-----------|
| 4.  | VETERINARY MEDICINE SCHOLARSHIP FUND<br>MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S ( TRUST )  |  |           |
|     | 500.00 INDIANHEAD KENNEL CLUB, INC<br>EAU CLAIRE, WI   |  |           |
|     | 1,100.00 UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI   |  |           |
|     |  |  | 1,600.00  |
| 5.  | INCOME TO BE USED FOR AN ANNUAL AWARD TO THE<br>MEDICAL STUDENT WHO IS JUDGED BY THE FACULTY OF<br>THE DIVISION OF UROLOGY TO HAVE GIVEN THE MOST<br>OUTSTANDING PERFORMANCE ON THE UROLOGY CLERKSHIP.<br>SISK, DR. IRA--MEMORIAL FUND<br>MSN HS-MED SURGERY UROLOGY ( TRUST )                   |  |           |
| 6.  | PRINCIPAL AND INCOME FOR SCHOLARSHIPS TO FOURTH<br>YEAR (MEDICAL) STUDENTS WHO HAVE THE HIGHEST<br>INDEBTNESS AND/OR TO MINORITY (MEDICAL) STUDENTS.<br>FUND TO BE ADMINISTERED BY STUDENT FINANCIAL AIDS.<br>DE WITT, LILA-SCHOLARSHIP IN THE MEDICAL SCHOOL<br>MSN HS-MED ( TRUST )            |  |           |
| 7.  | HERTHEL, ALICE T. ESTATE<br>FULLERTON, CA<br>BURGESS, CHARLES F.--SCHOLARSHIP<br>MSN ENGR CHEMICAL ENGR ( TRUST )  |  | 3,000.00  |
| 8.  | DIBLE, WILLIAM T.-TERRA INTERNATIONAL, INC.-<br>SCHOLARSHIP FUND<br>MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP ( TRUST )   |  |           |
|     | 3,000.00 INSPIRATION RESOURCES CORPORATION<br>NEW YORK, NY   |  |           |
|     | 320.00 MULTIPLE DONORS   |  |           |
|     |  |  | 3,320.00  |
| 9.  | INCOME TO BE USED ANNUALLY AS SCHOLARSHIP TO A<br>DESERVING AND PROMISING STUDENT IN THE SCHOOL OF<br>PHARMACY TO BE SELECTED BY THE FACULTY OF THE<br>DEPARTMENT.<br>WAKEMAN, NELLIE SCHOLARSHIP FUND<br>MSN HS-PHR PHARMACY ( TRUST )  |  |           |
| 10. | MULTIPLE DONORS<br>REAM, EUNICE AND HOWARD SCHOLARSHIP<br>MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP ( TRUST )   |  | 12,663.00 |
| 11. | AMERICAN INDIAN LAW CENTER, INC.<br>ALBUQUERQUE, NM<br>PRIME CONTRACTOR WITH INTER<br>SPECIAL SCHOLARSHIP PROGRAM IN LAW FOR<br>AMERICAN INDIANS<br>FOR THE PERIOD 08-25-86 THROUGH 08-31-87<br>AT A TOTAL COST OF \$41,219.00<br>AWARD # CHECK #G20721, MOD. 6<br>MSN LAW LAW SCHOOL (144-Y571) |  | 4,618.00  |

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DUANE MOWRY LEGAL SCHOLARSHIP FUND MSN LAW LAW SCHOOL (133-A696)	1,000.00
13.	WISCONSIN POULTRY IMPROVEMENT ASSOCIATION MADISON, WI WISCONSIN POULTRY IMPROVEMENT ASSOCIATION SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM (133-B346)	500.00
14.	WISCONSIN FARM EQUIPMENT FOUNDATION, INC. MADISON, WI ORRIN BERGE SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM (133-B630)	500.00
15.	WISCONSIN FARM EQUIPMENT FOUNDATION, INC. MADISON, WI ROBERT BJORKLUND SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-G093)	500.00
16.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNIVERSAL OIL PRODUCTS FELLOWSHIP MSN ENGR ENGR EXPER STA CHEM ENGR (133-G710)	1,340.92
17.	MARKEY (LUCILLE P) CHARITABLE TRUST MIAMI, FL PRE-DOCTORAL SUPPORT IN THE DEPARTMENT OF PHYSIOLOGICAL CHEMISTRY MSN HS-MED PHYSIOLOG CHEM (133-H061)	80,000.00
18.	MARKEY (LUCILLE P) CHARITABLE TRUST MIAMI, FL PRE-DOCTORAL SUPPORT IN THE DEPARTMENT OF GENETICS MSN HS-MED GENETICS (133-H062)	80,000.00
19.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TREWARTHA HONORS UNDERGRADUATE RESEARCH GRANTS MSN L&S ADM-STU ACAD AFF HONORS PRG (133-H333)	2,000.00
20.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GTE GRADUATE STUDENT SUPPORT IN ELECTRICAL AND COMPUTER ENGINEERING MSN ENGR ENGR EXPER STA EL&COMPUT (133-J125)	12,500.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GAMAGE (DAVID L) FUSION SCHOLARSHIP FUND FOR NUCLEAR ENGINEERING GRADUATE STUDENTS MSN ENGR NUC ENGR&E PHYSC (133-J160)	600.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELKO (JAMES P) MEMORIAL FUND FOR UNDERGRADUATE SCHOLARSHIPS IN NUCLEAR ENGINEERING MSN ENGR NUC ENGR&E PHYSC (133-J161)	638.00
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL MOTORS RESEARCH LABORATORIES GRADUATE FELLOWSHIP MSN ENGR ENGR EXPER STA I COMBUSTN (133-J551)	20,000.00
24.	CRAY RESEARCH, INC. MINNEAPOLIS, MN SCHOLARSHIP IN ELECTRICAL ENGINEERING MSN ENGR ELEC & COM ENGR ELEC&COMP (133-J999)	1,500.00
25.	FREDDIE GAGE MEMORIAL SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SH CRS SCH (133-L074)	
	1,050.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
	450.00 MULTIPLE DONORS	
		1,500.00
26.	PHARMACEUTICAL MANUFACTURERS ASSOCIATION FOUNDATION, INC. WASHINGTON, DC PMA PREDOCTORAL FELLOWSHIP FOR THE PERIOD 01-01-87 THRU 12-31-88 AT A \$13,604 LEVEL MSN HS-MED PHARMACOLOGY (133-L152)	6,552.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PHILLIP OWENS MEMORIAL SCHOLARSHIP-LAW MSN LAW LAW SCHOOL (133-L498)	300.00
28.	COMMITTEE ON INSTITUTIONAL COOPERATION CHAMPAIGN, IL CIC INTERNATIONAL STUDIES GRANT MSN GRAD (133-L511)	7,618.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WIGGINS CHARITABLE TRUST-LAW SCHOOL SCHOLARSHIP MSN LAW LAW SCHOOL (133-L514)	750.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RICHARD CHURCH MEMORIAL SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC (133-L550)	1,700.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI STEVE SINGEL TUBA SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC (133-L551)	200.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DONALD NETZER ASST. BAND DIRECTOR SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC (133-L552)	1,000.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WILLIAM AND JOYCE WORTMANN VOICE SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC (133-L553)	1,200.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JAMIE BYERS SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC (133-L554)	500.00
35.	MINNESOTA MINING & MFG. FOUNDATION, INC. ST. PAUL, MN MINNESOTA MINING AND MANUFACTURING COMPANY ACCOUNTANCY FELLOWSHIP MSN BUS SCH OF BUSINESS (133-3632)	2,500.00
36.	ALCOA FOUNDATION PITTSBURGH, PA MECHANICAL ENGINEERING SCHOLARSHIPS MSN ENGR MECHANICAL ENGR (133-3991)	3,000.00
37.	GROWMARK, INC. BLOOMINGTON, IL UNDERGRADUATE SCHOLARSHIPS IN AGRICULTURE MSN AG&LSC ACAD STU AFF ADM (133-5208)	1,000.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF MUSIC SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC (133-7137)	3,900.00
39.	NICKERSON (FRANK AND ESTHER RHEA) MEMORIAL SCHOLARSHIP TRUST MADISON, WI FRANK AND ESTHER RHEA NICKERSON MEMORIAL SCHOLARSHIP MSN ATH GENERAL OPERATNS ADMIN (133-8354)	1,715.62
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNDERGRADUATE ACTUARIAL SCHOLARSHIP FUND-HIGH SCHOOL SCHOLARSHIP PROGRAM MSN BUS SCH OF BUSINESS (133-8377)	3,300.00
41.	MINERALS INDUSTRY EDUCATIONAL FOUNDATION NEW YORK, NY SCHOLARSHIP AND RECRUITMENT IN METALLURGICAL AND MINERAL ENGINEERING MSN ENGR MET & MIN ENGR (133-8625)	1,600.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MINORITY ENGINEERING SCHOLARSHIP FUND MSN ENGR OPERATIONS	(133-8953)	50,000.00
43.	INSTITUTE OF TURKISH STUDIES, INC. WASHINGTON, DC FELLOWSHIPS FOR STUDENTS SPECIALIZING IN SUBJECTS RELATING TO THE HISTORY, SOCIETY AND CULTURE OF TURKEY MSN G E A INTL STU & PROGS	(133-9131)	1,250.00

## UNRESTRICTED

1.	NORMAN LABORATORIES, INC. NORTH MIAMI BEACH, FL PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY	(133-L095)	10,000.00
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TOTAL MADISON	22,040,229.91 =====
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EXTENSION AND PUBLIC SERVICE	2,000.00
INSTRUCTION	71,928.80
LIBRARIES	12,814.83
MISCELLANEOUS	530,804.08
PHYSICAL PLANT	13,859.00
RESEARCH	21,080,090.41
STUDENT AID	318,732.79
UNRESTRICTED	10,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. SULLIVAN BROTHERS, INC.  
MADISON, WI  
GIFT OF BURROUGHS COMPUTER SYSTEM - ONE 800  
PROCESSOR, ONE FIXED DISK DRIVE, ONE CARTRIDGE  
DISK DRIVE AND ONE CONSOLE KEYBOARD PRINTER  
DONATED TO THE SCHOOL OF FINE ARTS, MUSIC  
DEPARTMENT  
AWARD # NONE  
MIL F ARTS MUSIC
2. PAUL NORTON & ELLEN BLANK  
MILWAUKEE, WI  
GIFT OF 2 NEW OSTER BLENDERS DONATED TO THE  
SCHOOL OF EDUCATION, DAY CARE CENTER  
AWARD # NONE  
MIL EDUC EARLY CHLDHD CT
3. AMERICAN MEDICAL SERVICES  
DEPARTMENT OF COMMUNICATIONS  
GLENDALE, WI  
GIFT OF VIDEOTAPE TITLED "A FAMILY DECISION"  
DONATED TO THE SCHOOL OF NURSING  
AWARD # NONE  
MIL NURS HLTH RESTORATION
4. EDWARD E. GILLEN CO.  
MILWAUKEE, WI  
GIFT OF LABOR AND EQUIPMENT DONATED TOWARD THE  
FILM PROJECT FOR D. BLAU/Y. YANNAY GRADUATE  
RESEARCH GRANT.  
AWARD # NONE  
MIL GRAD RES ASST                      FILM

INSTRUCTION

1. MARQUETTE UNIVERSITY  
MILWAUKEE, WI  
PRIME CONTRACTOR WITH DHHS PHS NIH  
MIDWEST GERIATRIC EDUCATION CENTER TRAINING  
GRANT  
FOR THE PERIOD 10-01-86 THROUGH 09-30-87  
MIL A H P    GENERAL                      ADMIN                      (144-2213)                      42,865.00
2. ENERGY, DEPT OF  
OAK RIDGE, TN  
PREP-GEST UWM  
FOR THE PERIOD 04-01-87 THROUGH 03-31-88  
AWARD # DE-FG05-87ER75337  
MIL ENG&AS ADMINISTRATION    AC SUP-MIN                      (144-2252)                      14,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## PHYSICAL PLANT

1. EDUCATION, DEPT. OF  
WASHINGTON, D.C.  
IN SUPPORT OF THE FOLLOWING:
  - 1) INTEREST SUBSIDY GRANT FOR CONSTRUCTION OF CENTRAL  
LIBRARY, STAGE 2  
FOR THE PERIOD 04-01-86 THROUGH 04-01-87  
AWARD # 5-S-00642-0  
MIL ADM AF ASST CHAN OFFICE (144-J489) 28,748.00
  - 2) INTEREST SUBSIDY GRANT FOR THE GREAT LAKES STUDY  
CENTER  
FOR THE PERIOD 04-01-86 THROUGH 04-01-87  
AWARD # 5-S-00641-0  
MIL ADM AF ASST CHAN OFFICE (144-M862) 9,243.00
  - 3) INTEREST SUBSIDY GRANT FOR UW-MILWAUKEE HUMANITIES  
BUILDING  
FOR THE PERIOD 12-06-74 THROUGH 04-15-87  
AWARD # 5-5-00612-0  
MIL ADM AF ASST CHAN OFFICE (144-Q828) 29,912.00

## RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
  - 1) NMR STUDIES OF METALLOTHIONEIN STRUCTURE AND  
REACTIVITY  
FOR THE PERIOD 04-01-87 THROUGH 03-31-88  
AWARD # 5 RO1 ESO4036-02  
MIL L&S CHEMISTRY (144-Z209) 78,503.00
  - 2) BIOMEDICAL RESEARCH SUPPORT GRANT  
FOR THE PERIOD 04-01-87 THROUGH 03-31-88  
AWARD # 2S07 RR07181-09  
MIL GRAD DEAN'S OFFICE (144-Z228) 31,086.00
  - 3) STRUCTURE AND FUNCTION OF THE ENZYMES OF  
B-OXIDATION  
FOR THE PERIOD 05-01-87 THROUGH 04-30-88  
AWARD # 1 RO1 GM32504-01,A4  
MIL L&S CHEMISTRY (144-Z255) 106,191.00
2. MEDICAL COLLEGE OF WISCONSIN/NIH  
MILWAUKEE, WI  
PRIME CONTRACTOR WITH DHHS PHS NIH  
MULTIFREQUENCY ESR OF COPPER COMPLEXES IN LIQUID  
PHASE (SUBCONTRACT FROM PHS GRANT NO.  
5 RO1 GM35472-02)  
FOR THE PERIOD 08-01-86 THROUGH 07-31-87  
AWARD # P.D. PO03430  
MIL L&S CHEMISTRY (144-Y414) 3,890.00



GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

- |    |  |            |           |
|----|--|------------|-----------|
| 3. | DOD, ARMY<br>CHAMPAIGNE, IL<br>CERL PLANNING DESIGN EVALUATION PROJECT TASK II:<br>ENVIRONMENTAL SIMULATION<br>FOR THE PERIOD 07-15-86 THROUGH 07-14-87<br>AWARD # DAC88-86-D-0010-0001<br>MIL ARC&UP ARCH&U P RES CTR                   | (144-Y265) | 2,288.00  |
| 4. | NATIONAL AERONAUTICS AND SPACE ADMIN<br>WASHINGTON, D. C.<br>IN SUPPORT OF THE FOLLOWING:  |            |           |
| 1) | REMOTE SENSING OF A BIOGEOCHEMICAL CYCLE: THE<br>MANGANESE CYCLE IN A FRESHWATER LAKE<br>FOR THE PERIOD 02-01-87 THROUGH 01-31-88<br>AWARD # NAGW-1047<br>MIL L&S BIOLOGICAL SCI BIOL SCI'S  | (144-Z212) | 49,360.00 |
| 2) | NASA SUMMER PROGRAM IN PLANETARY BIOLOGY AND<br>MICROBIAL ECOLOGY - BIOGEOCHEMISTRY OF METALS<br>FOR THE PERIOD 04-15-87 THROUGH 07-14-88<br>AWARD # NAGW-1063<br>MIL GRAD GT LKS ST, CTR F  | (144-Z236) | 99,982.00 |
| 5. | NATIONAL SCIENCE FOUNDATION<br>WASHINGTON, DC<br>IN SUPPORT OF THE FOLLOWING:  |            |           |
| 1) | STUDIES OF ZEOLITE CATALYSTS FOR CONTROL OF<br>EMISSIONS: REDOX REACTION AND HYDROCARBON<br>OXIDATION<br>FOR THE PERIOD 07-15-85 THROUGH 01-31-89<br>AWARD # CBT-8414622-02<br>MIL GRAD LAB FOR SURF STU                                 | (144-X186) | 43,350.00 |
| 2) | HISTORICAL FLUXES OF POLLUTANTS FROM<br>DECONVOLUTION OF SEDIMENTARY RECORDS<br>FOR THE PERIOD 05-01-87 THROUGH 10-31-88<br>AWARD # CES-8701184<br>MIL ENG&AS CIVIL ENGINEER'G   | (144-Z256) | 88,421.00 |
| 6. | TRANSPORATION, DEPT OF<br>WASHINGTON, D.C.<br>AN ASSESSMENT OF TECHNIQUES TO ENHANCE PRIVATE<br>INVESTMENT IN PUBLIC TRANSIT FACILITIES<br>FOR THE PERIOD 01-07-87 THROUGH 12-31-87<br>AWARD # WI-11-0011<br>MIL ENG&AS URBN TRANS RES C | (144-Z227) | 69,961.00 |
| 7. | MEDICAL COLLEGE OF WISCONSIN<br>MILWAUKEE, WI<br>BIOMEDICAL RESEARCH SUPPORT<br>MIL GRAD GRT LAKES RES F   | (133-D722) | 10,000.00 |
| 8. | JOHNSON CONTROLS<br>MILWAUKEE, WI<br>VIBRATION TEST OF EQUIPMENT<br>AWARD # P.O. M074288<br>MIL ENG&AS CIVIL ENGINEER'G  | (133-D748) | 1,074.00  |

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

9.	GRAEF, ANHALT, SCHLOEMER & ASSOCIATES MILWAUKEE, WI AN ARCHAEOLOGICAL SURVEY OF THE BONNIWELL ROAD BRIDGE REPLACEMENT AWARD # P.O. 433976 MIL L&S ANTHROPOLOGY	(133-E567)	917.00
10.	MIDWEST RESEARCH MICROSCOPY MILWAUKEE, WI SURFACE ANALYSIS AWARD # CHECK #7223 MIL L&S PHYSICS	(133-E596)	650.00
11.	WISCONSIN ELECTRIC POWER COMPANY MILWAUKEE, WI FLYASH BLOCK ARTIFICIAL REEF PROJECT (GRINDING OPERATIONS) AWARD # P.O. B83966 MIL GRAD GT LKS ST, CTR F	(133-H620)	2,737.86
12.	SHAW FUNDS/MILWAUKEE FOUNDATION UWM FOUNDATION MILWAUKEE, WI SHAW DISTINGUISHED PROFESSOR IN BIOLOGICAL SCIENCES. MIL GRAD GT LKS ST, CTR F	(133-H660)	5,988.66
13.	UWM FOUNDATION MILWAUKEE, WI CHARACTERIZATION OF RAINBOW TROUT CRP MIL L&S BIOLOGICAL SCI	(133-K956)	200.00
14.	FLOW SYSTEMS INC. KENT, WA STIPEND FOR DISCRETIONARY RESEARCH PURPOSES MIL ENG&AS ADMINISTRATION	(133-K994)	2,000.00
15.	UWM FOUNDATION (ACCT. #314) MILWAUKEE, WI DISCRETIONARY GIFT FOR THE PERIOD 12/15/86 THROUGH 03/31/87 MIL L&S PSYCHOLOGY	(133-L165)	1,250.00
16.	MILWAUKEE COUNTY FEDERATED LIBRARY SYSTEM MILWAUKEE, WI PLANNING LIBRARY SERVICES TO USERS WITH SPECIAL NEEDS FOR THE PERIOD 02/12/87 THROUGH 06/30/87 MIL L&I SC SCH-LIB&INF SCI	(133-L518)	4,800.00
17.	MORTGAGE GUARANTY INSURANCE COMPANY MILWAUKEE, WI AN ANALYSIS OF WORK PERFORMANCE TASKS OF MGIC CLAIMS DEPARTMENT PERSONNEL FOR THE PERIOD 06/01/87 THROUGH 08/01/87 MIL L&S COMMUNICATION	(133-L535)	7,054.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

18.	QUAKER OATS CHICAGO, IL JET CUTTING SAMPLE MIL ENG&AS MECHANICAL ENGR	(133-L540)	240.00
19.	WISCONSIN DEPARTMENT OF HEALTH AND SOCIAL SERVICES MADISON, WI MILWAUKEE GANG RESEARCH PROJECT -WINGSPREAD CONFERENCE FOR THE PERIOD 03/05/87 THROUGH 11/26/87 AWARD # P.O. FDG 19678 PO MIL GRAD URBAN RESRCH CTR	(133-L541)	1,000.00
20.	WISCONSIN ELECTRIC POWER MILWAUKEE, WI CONDENSER BIOFOULING AT THE POINT BEACH NUCLEAR POWER PLANT FOR THE PERIOD 04/04/87 THROUGH 05/31/87 AWARD # P.O. C 34740-P MIL GRAD GT LKS ST, CTR F	(133-L559)	9,664.00
21.	COMPUTERIZED STRUCTURAL DESIGN MILWAUKEE, WI SPANCRETE CANTILEVER TESTS AWARD # CHECK #022871 MIL ENG&AS CIVIL ENGINEER'G	(133-9372)	4,500.00

## STUDENT AID

1.	WINSTON, MAXINE S. MILWAUKEE, WI CAREY, HELEN C.--SCHOLARSHIP (MILW) MIL S WELF SOC WELFARE ADMN	( TRUST )	50.00
2.	EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM FOR THE PERIOD 07-01-86 THROUGH 06-30-87 AWARD # PO08702948 MIL STU AF FINANCIAL AID PROV'L&SUP	(148-B087)	544,521.00
3.	EDUCATION, DEPT OF WASHINGTON, DC LIBRARY CAREER TRAINEESHIP PROGRAM FOR THE PERIOD 07-01-87 THROUGH 09-30-88 AWARD # GO08710233 MIL L&I SC SCH-LIB&INF SCI	(144-Z253)	16,000.00
4.	GEORGE J. LAIKIN MILWAUKEE, WI GIFT FOR STUDENT SELECTED TO RECEIVE GEORGE AND SYLVIA LAIKIN PRIZE TO BE AWARDED SPRING, 1987. MIL L&S ADMINISTRATION	(133-L517)	150.00

TOTAL MILWAUKEE	1,310,596.52
	=====

INSTRUCTION	56,865.00
PHYSICAL PLANT	67,903.00
RESEARCH	625,107.52
STUDENT AID	560,721.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - EAU CLAIRE

## EXTENSION AND PUBLIC SERVICE

1.	ADOLPH COORS COMPANY GOLDEN, CO NATIONAL RURAL INSTITUTE ON ALCOHOL AND DRUG ABUSE FOR THE PERIOD 03-20-87 THRU 03-19-88 AWARD # 396584 EAU ART&SC DEAN-ARTS & SCI	(133-7067)	1,000.00
2.	NORTHERN STATES POWER COMPANY/ CRAY RESEARCH INC. EAU CLAIRE, WI INDIAN ARTS FESTIVAL FOR THE PERIOD 02-20-87 THRU 01-31-88 AWARD # 065498/125498 EAU ART&SC DEAN-ARTS & SCI	(133-7068)	500.00
	TOTAL EAU CLAIRE		1,500.00 =====
	EXTENSION AND PUBLIC SERVICE	1,500.00	

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - GREEN BAY

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
VETERANS COST-OF-INSTRUCTION PAYMENTS PROGRAM  
FOR THE PERIOD 07-01-86 THROUGH 06-30-87  
AT A TOTAL COST OF \$1,592.00  
AWARD # Q008612263, MOD. 1  
GBY REGSTR REGISTRAR (144-Y251) 54.00

## PHYSICAL PLANT

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

1) THE COLLEGE OF CREATIVE COMMUNICATIONS PHASE I  
(5-5-00610-0) AND PHASE II (5-5-00638-0)  
INTEREST SUBSIDY GRANT  
FOR THE PERIOD 02-01-74 THROUGH 04-01-87  
AWARD # 5-5-00610-0 & 5-5-00638-0  
GBY UNIT-W DEBT SV AC BLDGS (144-J543) 55,398.00

2) INTEREST SUBSIDY GRANT FOR GREEN BAY COLLEGE OF  
COMMUNITY SCIENCES  
FOR THE PERIOD 04-28-74 THROUGH 04-01-87  
AWARD # 5-5-00637-0  
GBY UNIT-W DEBT SV AC BLDGS (144-K555) 29,685.00

## RESEARCH

1. J. V. MANUFACTURING COMPANY  
DE PERE, WI  
SPECIFICATIONS FOR ABSORBENT MATERIALS  
GBY ENV SC SCI & ENVIR CHG (133-H518) 1,000.00

## 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 \$1,538,290.00  
AWARD # P008702950, MOD. 3  
GBY ST AID FEL & SCHOL-AOG (148-D087) 124,676.00

TOTAL GREEN BAY 210,813.00  
=====

INSTRUCTION	54.00
PHYSICAL PLANT	85,083.00
RESEARCH	1,000.00
STUDENT AID	124,676.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - OSHKOSH

## INSTRUCTION

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
  - 1) INCREASE TO COVER "CATCH-UP" SALARY INCREASES  
FOR THE PERIOD 07-01-86 THROUGH 09-30-87  
AWARD # 1 D10 NU25210-01, MOD. 1  
OSH NURS NURS-UNDERGRAD P (144-4452) 5,485.00
  - 2) NURSING TRAINEESHIP PROGRAM  
FOR THE PERIOD 08-01-86 THROUGH 06-30-87  
AWARD # 2 A11 NU00235-11, MOD. 1  
OSH NURS NURS-GRAD PROGS (144-4454) 4,262.00
  - 3) INCREASE TO COVER "CATCH-UP" SALARY INCREASES  
FOR THE PERIOD 10-01-86 THROUGH 09-30-87  
AWARD # 1 D10 NU25228-01, MOD. 1  
OSH NURS NURS-GRAD PROGS (144-4458) 378.00
2. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
THE BILL OF RIGHTS IN THE DEBATE OVER  
RATIFICATION OF THE CONSTITUTION  
FOR THE PERIOD 03-23-87 THROUGH 04-30-87  
AWARD # FY85-114(P)  
OSH L&S HISTORY (144-4465) 250.00
3. UW-OSHKOSH FOUNDATION  
OSHKOSH, WI  
FOX VALLEY WRITING PROJECT  
OSH L&S ENGLISH (133-3358) 4,200.00

## PHYSICAL PLANT

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
ANNUAL INTEREST RELATIVE TO CONSTRUCTION OF  
KOLF SPORTS CENTER  
FOR THE PERIOD 03-01-86 THROUGH 03-01-87  
AWARD # 5-5-00450-0  
OSH UNIT-W FED FUNDING-KOLF (144-4450) 24,038.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-86 THROUGH 06-30-87  
AWARD # PO08702956, MOD. 2  
OSH STU A ED OPPOR GRANTS (148-4810) 530,234.00

TOTAL OSHKOSH 568,847.00  
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INSTRUCTION	14,575.00
PHYSICAL PLANT	24,038.00
STUDENT AID	530,234.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - PARKSIDE

## MISCELLANEOUS

1.	HAYES, MARGARET CHICAGO, IL WALLEN, VERONICA ANN MEMORIAL ENDOWMENT FUND (PKS) PKS SC&SOC SCIENCE ADMIN ( TRUST )	1,000.00
2.	ARTS MIDWEST MINNEAPOLIS, MN. PERFORMANCE OF "NATIONAL THEATRE OF THE DEAF" PKS SL&C S CAMPUS UNION PROG OFFIC (133-L512)	1,125.00
3.	ARTS MIDWEST MINNEAPOLIS, MN PERFORMANCE OF "THE HARBINGER DANCE COMPANY" PKS SL&C S CAMPUS UNION PROG OFFIC (133-L513)	809.00
4.	RACINE ARTS COUNCIL, INC. RACINE, WI SUMMER SYMPHONY PKS SC&SOC FINE ARTS MUSIC (133-L524)	553.00
5.	VERY SPECIAL ARTS WISCONSIN MADISON, WI RACINE/KENOSHA VERY SPECIAL ARTS FESTIVAL PKS SL&C S CAMPUS UNION PROG OFFIC (133-L532)	500.00

## PHYSICAL PLANT

1.	EDUCATION, DEPT. OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:	
1)	PARKSIDE LIBRARY-LEARNING CTR -INTEREST SUBSIDY GRANT FOR THE PERIOD 08-18-72 THROUGH 04-01-87 AWARD # 5-5-00535-0 PKS UNIT-W DEBT SV AC BLDGS (144-H517)	35,152.00
2)	INTEREST SUBSIDY GRANT FOR CLASSROOM PROJECT FOR THE PERIOD 08-21-73 THROUGH 04-01-87 AWARD # 5-5-00644-0 PKS UNIT-W DEBT SV AC BLDGS (144-K925)	26,344.00

## STUDENT AID

1.	MULTIPLE DONORS MUSIC SCHOLARSHIPS PKS BUS SV FELLOWS & SCHOLS (133-C489)	1,106.00
2.	MULTIPLE DONORS SCHOLARSHIP FOR OUTSTANDING SCIENCE STUDENT PKS SC&SOC SCIENCE ADMIN (133-F149)	200.00
3.	MULTIPLE DONORS SCIENCE DIVISION FACULTY SCHOLARSHIP PKS BUS SV FELLOWS & SCHOLS (133-G071)	805.60

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - PARKSIDE

## STUDENT AID

4.	MULTIPLE DONORS ART SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS	( 133-G128 )	37.00
5.	MULTIPLE DONORS ACCOUNTING PROGRAM SCHOLARSHIP FUND PKS BUS SV FELLOWS & SCHOLS	( 133-G954 )	300.00
6.	SALES & MARKETING EXECUTIVES OF RACINE & KENOSHA, INC. RACINE, WI SALES & MARKETING EXECUTIVES SCHOLARSHIP IN MARKETING PKS BUS SV FELLOWS & SCHOLS	( 133-J124 )	100.00

TOTAL PARKSIDE

68,031.60

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MISCELLANEOUS	3,987.00
PHYSICAL PLANT	61,496.00
STUDENT AID	2,548.60



GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - RIVER FALLS

## GIFT-IN-KIND

1. JAC PAC  
MAPLE PLAIN, MN  
MR. YOYO BEE, A 1984 GELDING QUARTERHORSE  
RVF AGRIC LABORATORY FARMS
2. AGRI. GRAPHICS, INC.  
NORTHBROOK, IL  
FURLOUGH'S CHOICE, A 1983 GELDING QUARTERHORSE  
RVF AGRIC LABORATORY FARMS
3. AGRI. GRAPHICS, INC.  
NORTHBROOK, IL  
COCO DESTINY KING, A 1981 STUD QUARTERHORSE  
RVF AGRIC LABORATORY FARMS
4. AGRI. GRAPHICS, INC.  
NORTHBROOK, IL  
GOOD LUCK SORREL, A 1980 STUD QUARTERHORSE  
RVF AGRIC LABORATORY FARMS
5. AGRI. GRAPHICS, INC.  
NORTHBROOK, IL  
DIAMOND B. WACO, A 1982 STUD QUARTERHORSE  
RVF AGRIC LABORATORY FARMS
6. AGRI. GRAPHICS, INC.  
NORTHBROOK, IL  
CHASTITY GULCH, A 1983 MARE QUARTERHORSE  
RVF AGRIC LABORATORY FARMS
7. AGRI. GRAPHICS, INC.  
NORTHBROOK, IL  
NOAH WEBSTER, A 1982 STUD QUARTERHORSE  
RVF AGRIC LABORATORY FARMS
8. JOHN B. AND LOUISE K. MARTA  
ST. PAUL, MN  
SILK SCREENING EQUIPMENT  
RVF ART&SC ART
9. PHIL AND ROY BRENIZER  
CUSHING, WI  
20 UNITS OF BULL 7249 (RYDER) SEMEN AND 10 UNITS  
OF BULL 7218 (STERLING) SEMEN  
RVF AGRIC LABORATORY FARMS
10. MR. CHARLES A. KRANZ  
DARLINGTON, WI  
A RAM  
RVF AGRIC LABORATORY FARMS
11. MRS. HEIDI HEATH  
DEKALB, IL  
8 DK30 GILTS AND 1 DK77 HYBRID BOAR  
RVF AGRIC LABORATORY FARMS

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - RIVER FALLS

## GIFT-IN-KIND

12. UNIVERSITY OF WISCONSIN-RIVER FALLS FOUNDATION  
RIVER FALLS, WI  
A PERSIAN MESHAD RUG  
RVF ART&SC DN-COL OF ARTS&S
13. JERRY AND BEV ZEISE  
GREEN BAY, WI  
ZIPS PEPPERMINT PATTI, A 1985 YEARLING QUARTERHORSE  
RVF AGRIC LABORATORY FARMS
14. JERRY AND BEV ZEISE  
GREEN BAY, WI  
MISS FANCY SHI, A 1977 QUARTERHORSE MARE  
RVF AGRIC LABORATORY FARMS
15. UNIVERSITY OF WISCONSIN-RIVER FALLS FOUNDATION  
RIVER FALLS, WI  
YAMAHA GRAND PIANO AND BENCH  
RVF ART&SC MUSIC

## INSTRUCTION

1. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
SERVICE TO CONDUCT AN ACADEMIC ALLIANCE  
INSERVICE EDUCATION PROGRAM  
FOR THE PERIOD 07-01-86 THROUGH 06-30-87  
AWARD # PAG 01399  
RVF EDUC DEAN COL OF EDUC (144-0672) 10,000.00
2. SAFARI CLUB INTERNATIONAL  
MILWAUKEE, WI  
WISCONSIN OUTDOOR LEADERSHIP SCHOOL FOR HIGH  
SCHOOL STUDENTS TO DEVELOP SKILLS IN WILDERNESS  
SURVIVAL, CANOEING, BACKPACKING, SHOOTING SPORTS,  
HUNTING ETHICS, CAMPING, CLIMBING AND RAPELLING,  
FISHING, WILDLIFE AND LAND CONSERVATION  
RVF EDUC PHYSICAL EDUC PHYS EDUC (133-0604) 500.00
3. ROBERT A. TAFT INSTITUTE OF GOVERNMENT  
NEW YORK, NY  
TAFT SEMINAR FOR TEACHERS: AMERICAN DEMOCRACY  
AND THE TWO-PARTY SYSTEM  
FOR THE PERIOD 04-01-87 THRU 01-01-88  
RVF ART&SC POLITICAL SCI (133-0606) 32,065.00
4. CRAY RESEARCH FOUNDATION  
MINNEAPOLIS, MN  
SCIENCE INSERVICE PROGRAM FOR PUBLIC AND NON-  
PUBLIC SCHOOL TEACHERS OF SCIENCE (K-8)  
FOR THE PERIOD 09-01-86 THRU 08-31-87  
RVF ART&SC PHYSICS (133-0637) 5,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - RIVER FALLS

## INSTRUCTION

5.	WISCONSIN-NICARAGUA PARTNERS OF THE AMERICAS MADISON, WI INTERNATIONAL TRAINING GRANT PROGRAM FOR THE PERIOD 10-01-86 THRU 09-01-87 RVF AGRIC ANIMAL SCIENCE	(133-0639)	4,950.00
6.	INDIANA UNIVERSITY BLOOMINGTON, IN SERVICES OF PITCHAIAH VADLAMUDI ON THE MUCIA/ MALAYSIAN PROJECT FOR THE PERIOD 01-01-87 THRU 12-31-87 RVF ART&SC MATH & COMP SYST	(133-0640)	73,849.00
7.	NATIONAL FARMERS ORGANIZATION CONDUCT LIVESTOCK JUDGING CLINIC FOR THE PERIOD 07-01-87 THRU 06-30-88 RVF AGRIC ANIMAL SCIENCE	(133-0651)	250.00
8.	NORTHERN STATES POWER COMPANY MINNEAPOLIS, MN NSP NUCLEAR RADIATION EDUCATION FOR THE PERIOD 09-01-86 THRU 07-31-87 RVF ART&SC PHYSICS	(133-0709)	5,160.00

## MISCELLANEOUS

1.	AGENCY FOR INTERNATIONAL DEVELOPMENT WASHINGTON, DC JOINT CAREER CORPS AGREEMENT - TO DEVELOP A COMPREHENSIVE KNOWLEDGE OF SOCIAL AND CULTURAL PATTERNS WHICH EXIST IN RWANDA AND ASSESS THEIR POTENTIAL FOR PROMOTING OR HINDERING THE REALIZATION OF AID FINANCED DEVELOPMENT PROJECTS FOR THE PERIOD 09-01-86 THROUGH 08-31-87 AWARD # 698-0510-S-00-6018-00 RVF AGRIC DEAN-COL OF AGR	(144-0680)	90,000.00
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## RESEARCH

1.	AGRICULTURE, DEPT. OF BELTSVILLE, MD TEST AND EVALUATE GROWTH AND FLOWERING CHARACTERISTICS OF POTENTIAL NEW CROPS AS PART OF A NATIONAL PROGRAM ON NEW FLORICULTURE CROP DEVELOPMENT FOR THE PERIOD 10-01-86 THROUGH 09-30-87 AWARD # 43-32U4-7-002 RVF AGRIC PLANT & EARTH SC	(144-0609)	2,400.00
2.	MINNESOTA GOLF COURSE SUPERINTENDENTS ASSOCIATION EDINA, MN DEVELOPMENT OF LOCALIZED WATER-REPELLENT SPOTS ON GOLF GREENS FOR THE PERIOD 04-01-87 THRU 12-31-87 RVF AGRIC PLANT & EARTH SC	(133-0600)	3,435.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - RIVER FALLS

## RESEARCH

3. BIOTECHNIQUES LABORATORIES, INC. REDMOND, WA PRELIMINARY STUDY OF THE EFFECT OF LACTOBACILLUS ACIDOPHIUS BT1386 ON THE FAT-CORRECTED MILK YIELD OF DAIRY COWS FOR THE PERIOD 02-01-87 THRU 03-01-87 RVF AGRIC ANIMAL SCIENCE	(133-0616)	650.00
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## STUDENT AID

1. THE RIGGS NATIONAL BANK - LEW COIT TRUST WASHINGTON, DC SCHOLARSHIPS FOR QUALIFIED INDIVIDUALS FOR THE PERIOD 07-01-86 THRU 06-30-87 RVF ST AST MISC OTHER	(133-0649)	3,165.95
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TOTAL RIVER FALLS		231,424.95
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INSTRUCTION	131,774.00
MISCELLANEOUS	90,000.00
RESEARCH	6,485.00
STUDENT AID	3,165.95

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - STEVENS POINT

INSTRUCTION

1. WI DEPT OF PUBLIC INSTRUCTION MADISON, WI PRIME CONTRACTOR WITH DED NETWORK FOR GIFTED AND TALENTED INFORMATION FOR THE PERIOD 07-01-86 THROUGH 06-30-87 STP COPS SCH OF EDUCATION (144-6311)	20,000.00
TOTAL STEVENS POINT	20,000.00 =====

INSTRUCTION 20,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - STOUT

## EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS PHS NIH  
"JOB SHOP" TRAINING PROGRAM FOR APPROXIMATELY  
25 CLIENTS, 10 DAYS PER CLIENT, PROVIDES JOB SITE  
ORIENTATION, WORK HARDENING, PLACEMENT SCREENING  
AND WORK EXPERIENCE  
FOR THE PERIOD 12-01-86 THROUGH 04-30-87  
AWARD # 9461-1-A-87  
STO ED&H S CLIENT SVCS INST VOC DEV C (144-0534) 8,750.00
2. MULTI  
MENOMONIE, WI  
SCHOLARSHIPS FOR THE SATURDAY ART CLASSES PROGRAM  
BY: SMITHERY II, MCDONALDS, MENOMONIE FINANCIAL  
INSTITUTION ASSN, FIRST NATIONAL BANK-BALDWIN,  
CITIZENS STATE BANK-WOODVILLE  
FOR THE PERIOD 07-01-86 THRU 06-30-87  
STO LIB ST ART PROGRAM DIR (133-0468) 590.00

## GIFT-IN-KIND

1. MS. CATHERINE LAY  
MINNEAPOLIS, MN  
514 YARDS OF FABRIC  
STO H ECON APPAREL, TEX&DES
2. ZWICKER KNITTING MILLS  
APPLETON, WI  
ASSORTED YARNS FOR USE IN OUR KNIT DESIGN AND  
TECHNOLOGY CLASSES  
STO H ECON APPAREL, TEX&DES
3. PRINT PACK, INC.  
ATLANTA, GA  
SIX SKIDS (9,198 LBS) OF ROLL PAPER STOCK FOR  
FLEXO PRINTING.  
STO I&TECH GRAPHIC COMMUNIC
4. MCGILL-JENSEN, INC.  
ST. PAUL, MN  
GRAPHIC ARTS EQUIPMENT AND SUPPLIES.  
STO I&TECH GRAPHIC COMMUNIC
5. OLSON GRAPHIC PRODUCTS, INC.  
ST. PAUL, MN  
GRAPHIC ARTS EQUIPMENT SUPPLIES.  
STO I&TECH GRAPHIC COMMUNIC
6. STATIC CONTROL SYSTEMS/3M  
ST. PAUL, MN  
RENEWAL OF ONE-YEAR LEASE OF 3M STATIC ELIMINATION  
EQUIPMENT: 3 IONIZING AIR GUN #902, 1 IONIZING AIR  
NOZZLE #906, 4 STATIC ELIMINATION BARS, (3) #210  
AND (1) #315.  
STO I&TECH GRAPHIC COMMUNIC

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - STOUT

## GIFT-IN-KIND

7. THE EQUIPMENT ACQUISITION PROGRAM  
MIDDLETON, WI  
REGALITE RESIN BOND CLOTH BELTS, REGAL RESIN BOND  
CLOTH BELTS, MANILA FOLDERS, 3-PART MESSAGE FORMS,  
INDEX TABS (PLAIN).  
STO LIB ST
8. THE EQUIPMENT ACQUISITION PROGRAM  
MIDDLETON, WI  
TAPE DISPENSERS, STIKIT IMPERIAL RESIN BOND, THREE  
-M-ITE RESIN BOND CLOTH BELTS, 1985 CAVALIER, 1985  
CELEBRITY WAGON.  
STO I&TECH ENERGY & TRANSP
9. FLEXOGRAPHIC TECHNICAL ASSOC. INC. FOUNDATION  
HUNTINGTON STATION, NY  
ONE BETWEEN COLOR INK DRIER FOR WOLVERINE FLEXO-  
PRESS.  
STO I&TECH GRAPHIC COMMUNIC
10. DRI-TECH INC.  
BUTLER, WI  
ONE BETWEEN-COLOR INK DRIER FOR WOLVERINE FLEXO-  
PRESS.  
STO I&TECH GRAPHIC COMMUNIC
11. THE EQUIPMENT ACQUISITION PROGRAM  
MIDDLETON, WI  
PRODUCTION RESINITE PAPER CLOTH BELTS, THREE-M-ITE  
RESIN BOND CLOTH BELTS, CUBICUT RESIN BOND CLOTH  
BELTS.  
STO I&TECH MATLS & PROCS'S
12. THE EQUIPMENT ACQUISITION PROGRAM  
MIDDLETON, WI  
BRAKE, BELT SANDER  
STO I&TECH INDUSTRIAL MGMNT
13. THE EQUIPMENT ACQUISITION PROGRAM  
MIDDLETON, WI  
THREE-M-ITE RESIN BOND CLOTH BELTS  
STO I&TECH MATLS & PROCS'S
14. THE EQUIPMENT ACQUISITION PROGRAM  
MIDDLETON, WI  
GARNET RESIN BOND CLOTH OPEN COAT BELTS  
STO I&TECH ENERGY & TRANSP
15. THE EQUIPMENT ACQUISITION PROGRAM  
MIDDLETON, WI  
GAS AEROGRAPH ATOMIC ABSORPTION SPECTROPHOTOMETER.  
STO LIB ST CHEMISTRY
16. ANONYMOUS  
BELL & HOWELL 16 MM PROJECTOR.  
STO G E A STU AFF & COUNSL COUNSL CTR

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - STOUT

## GIFT-IN-KIND

17. DR. R. J. WERNER  
MENOMONIE, WI  
USED DENTIST'S CHAIR  
STO G E A VICE CHANCELLOR
18. GARY JOHNSON  
MENOMONIE, WI  
CRC HANDBOOK OF CHEMISTRY AND PHYSICS, 52ND  
EDITION  
STO LIB ST CHEMISTRY
19. INCOME TAX SPECIALISTS  
STOUGHTON, WI  
IBM SYSTEM 32 COMPUTER  
STO I&TECH ENERGY & TRANSP

## INSTRUCTION

1. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
STUDENT SERVICES - PROFESSIONAL GROWTH WEEK  
FOR THE PERIOD 07-01-86 THROUGH 06-30-87  
AWARD # 30-401-150-407  
STO ED&H S COUNSL & PSY SV (144-0628) 6,709.00
2. DEPT OF WI MILITARY ORDER OF THE  
PURPLE HEART OF U.S.A., INC.  
MILWAUKEE, WI  
PERSONNEL PREPARATION AND EDUCATION OF THE  
HANDICAPPED  
FOR THE PERIOD 07-01-87 THRU 06-30-88  
AWARD # 4303-1-A-87  
STO ED&H S EDUCATION (133-0543) 10,000.00
3. DEPT OF WI MILITARY ORDER OF THE  
PURPLE HEART OF U.S.A., INC.  
MILWAUKEE, WI  
PERSONNEL PREPARATION AND EDUCATION OF THE  
HANDICAPPED  
FOR THE PERIOD 07-01-87 THRU 06-30-88  
AWARD # 4303-1-A-87  
STO ED&H S EDUCATION (133-0547) 1,500.00

## RESEARCH

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
NATIONAL RESEARCH AND TRAINING CENTER - A  
CONTINUATION GRANT TO CONDUCT RESEARCH AND PROVIDE  
SPECIALIZED TRAINING IN VOCATIONAL REHABILITATION  
FOR THE PERIOD 03-01-87 THROUGH 02-29-88  
AWARD # G008300117  
STO ED&H S INSTIT RES & DEV RES&TRNG C (144-0740) 648,479.00



GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - STOUT

STUDENT AID

1. AGENCY FOR INTERNATIONAL DEVELOPMENT WASHINGTON, DC TUITION AND FEE FUNDS FOR STUDENTS RECEIVING AID (22 UNDERGRADUATE AND 5 GRADUATE) FOR THE PERIOD 09-01-86 THROUGH 08-31-87 AWARD # AID/SOD/N-9227/8305 STO ST AST AGENCY INTL DEV	(144-0593)	157,651.00
2. STOUT UNIVERSITY FOUNDATION, INC. MENOMONIE, WI REPLACEMENT OF RECORDING EQUIPMENT AND ADDITIONAL MACHINES FOR THE READER/TAPING SERVICES FOR STUDENTS WITH DISABILITIES FOR THE PERIOD 03-01-87 THRU 08-31-87 AWARD # 9709-1-A-87 STO G E A STU AFF & COUNSL A CH-ST SV	(133-0469)	4,785.00
TOTAL STOUT		838,464.00 =====
EXTENSION AND PUBLIC SERVICE	9,340.00	
INSTRUCTION	18,209.00	
RESEARCH	648,479.00	
STUDENT AID	162,436.00	

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - SUPERIOR

RESEARCH

1. BATTELLE MEMORIAL INSTITUTE COLUMBUS, OH PRIME CONTRACTOR WITH EPA TASK ORDER NO. 6, SUBTASKS 1-5 TO ACQUIRE AND EVALUATE LITERATURE, REVISE WATER QUALITY CRITERIA, PROVIDE TYPING SUPPORT AND CONDUCT ACUTE EXPOSURE TESTS WITH FATHEAD MINNOWS FOR THE PERIOD 12-11-86 THROUGH 09-30-87 AWARD # F-4114 98834-411 SUP U RES CTR-L SUP ENV ST CTR-LS E S (144-0346)	250,000.00
TOTAL SUPERIOR	250,000.00 =====
RESEARCH	250,000.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - WHITEWATER

## GIFT-IN-KIND

1. WHITEWATER JUNIOR WOMEN'S CLUB  
WHITEWATER, WI  
DONATION FOR THE HEALTH AWARENESS PROGRAM  
AWARD # CHECK #596  
WTW G E A STU AFF & COUNSL ST HLTH SV (133-0107) 200.00

## INSTRUCTION

1. WI DEPT OF TRANSPORTATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
MOTORCYCLE INSTRUCTOR PREPARATION  
FOR THE PERIOD 02-01-87 THROUGH 11-30-87  
AWARD # LETTER DTD 3/24/87  
WTW EDUC SAFETY STUDIES (144-0488) 15,360.00
2. SCHOOL DISTRICT OF MUKWONAGO  
MUKWONAGO, WI  
PRIME CONTRACTOR WITH DED  
TEACHER INDUCTION PROGRAM  
AWARD # CHECK #20523  
WTW EDUC DEAN OF EDUC DN OF EDUC (144-0839) 30,000.00
3. WISC DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
TEACHING INCENTIVE PILOT PROGRAM AWARDED BY  
THE ADVISORY BOARD OF THE PROGRAM  
AWARD # LETTER DTD 02/09/87  
WTW EDUC DEAN OF EDUC DN OF EDUC (133-0852) 10,000.00

## MISCELLANEOUS

1. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
PROVIDE SERVICES FOR CONDUCTING A TALENT SEARCH  
OF GIFTED MINORITY STUDENTS IN JANESVILLE, БЕЛОIT,  
RACINE, KENOSHA AND MILWAUKEE  
WTW G E A VICE CHANCELLOR VICE CHANC (144-0666) 5,000.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
COLLEGE WORK STUDY PROGRAM  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # PO08814561  
WTW ST AST WORK-STUDY STU SVCS (145-0530) 465,192.00
2. EDUCATION, DEPT OF  
WASHINGTON, DC  
SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # PO08834561  
WTW ST AST ED OPPOR GRANTS (146-0342) 496,554.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - WHITEWATER

STUDENT AID

3. EDUCATION, DEPT OF  
WASHINGTON, DC  
PERKINS LOAN PROGRAM  
FOR THE PERIOD 07-01-87 THROUGH 06-30-88  
AWARD # PO08824561  
WTW ST AST NATL DIR STU LNS ( LOANS ) 70,197.00

TOTAL WHITEWATER 1,092,503.00  
=====

GIFT-IN-KIND 200.00  
INSTRUCTION 55,360.00  
MISCELLANEOUS 5,000.00  
STUDENT AID 1,031,943.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## LIBRARIES

1. SKAGGS (L.J. AND MARY C.) FOUNDATION OAKLAND, CA DEFRAY COST OF PURCHASE OF NEW GROVE DICTIONARY OF MUSIC AND MUSICIANS CNS B-SAUK INTERDEPT INSTR	(133-L500)	500.00
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## MISCELLANEOUS

1. WISCONSIN HUMANITIES COMMITTEE MADISON, WI PRIME CONTRACTOR WITH NEH THE CONSTITUTION: 200 YEARS OLD OR YOUNG FOR THE PERIOD 03-26-87 THROUGH 05-30-87 AWARD # FY85-115 (P) CNS ROCK SOCIOL & ANTHROP	(144-Z257)	250.00
2. NORTHWEST ORIENT ST. PAUL, MN LAIRD FINE ARTS FUND CNS MARSH COMMUNICATN ARTS	(133-L337)	1,000.00
3. UWC-MARSHFIELD/WOOD COUNTY MARSHFIELD, WI COMPUTER PERIPHERAL GRANT CNS MARSH INSTR MEDIA SVCS	(133-L486)	310.00
4. WISCONSIN ARTS BOARD MADISON, WI 1987-88 PERFORMING ARTS SERIES FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # FY88-065-8674 CNS FOX VA STUDENT AFFAIRS LECT & F A	(133-L529)	2,150.00
5. WISCONSIN ARTS BOARD MADISON, WI 1987-88 PERFORMING ARTS SERIES FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # FY88-054-7766 CNS B-SAUK STUDENT AFFAIRS LECT & F A	(133-L530)	2,150.00
6. WISCONSIN ARTS BOARD MADISON, WI 1987-88 PERFORMING ARTS SERIES FOR THE PERIOD 07-01-87 THRU 06-30-88 AWARD # FY88-143-512 CNS MARSH STUDENT AFFAIRS LECT & F A	(133-L531)	5,650.00
7. PHELPS (LAURENCE M. & JANET) ROCK SPRINGS, WI RESEARCH PROGRAM FOR DEPARTMENT OF BIOLOGICAL SCIENCES CNS B-SAUK BIOLOGY	(133-L543)	200.00

TOTAL CENTER SYSTEM	12,210.00
	=====

LIBRARIES	500.00
MISCELLANEOUS	11,710.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1.	WISCONSIN HUMANITIES COMMITTEE REGRANTS AND GENERAL SUPPORT EXT GEA SV W HUMANITIES COM	(133-E982)	
	1,000.00	APPLETON COMMUNITY HEALTH FOUNDATION, INC. APPLETON, WI	
	5,858.55	STATE BAR OF WISCONSIN MADISON, WI	
			6,858.55
2.	MULTIPLE DONORS SHOOTS 'N ROOTS URBAN GARDEN PROGRAM EXT COOP E CO&AREA OFC-S E	(133-F085)	450.00
3.	PROGRAM UNDERWRITING FOR FY 87 EXT TELCOM WHA TELEVISION	(133-K474)	
	1,750.00	BAIRD (ROBERT W.) MADISON, WI	
	2,570.00	FRIENDS OF WHA-TV MADISON, WI	
	2,500.00	KRAEMER BROTHERS, INC. PLAIN, WI	
	2,000.00	LESLIE PAPER FOUNDATION MINNEAPOLIS, MN	
	1,500.00	HANLEY IMPLEME COMPANY SUN PRAIRIE, WI	
			10,320.00
4.	SUPPORT FOR THE WISCONSIN HUMANITIES COMMITTEE EXT GEA SV W HUMANITIES COM	(133-K631)	
	333.00	MULTIPLE DONORS	
	1,952.85	STATE BAR OF WISCONSIN MADISON, WI	
			2,285.85
5.	OREGON (STATE OF) WESTERN RURAL DEVELOPMENT CENTER CORVALLIS, OR FAMILY COMMUNITY LEADERSHIP PROJECT FOR THE PERIOD 01-15-87 THRU 12-31-87 AWARD # SUBGRANT 4-7095-14 EXT COOP E FAMILY LIV'G ED FAM LIVNG	(133-L393)	2,000.00
6.	PROGRAM UNDERWRITNG FOR FY 88 EXT TELCOM WHA TELEVISION	(133-L435)	
	500.00	MULTIPLE DONORS	
	4,500.00	LEER MANUFACTURING COMPANY, INC. NEW LISBON, WI	
	8,800.00	WI. PHYSICIANS SERVICE INSURANCE CORP. MADISON, WI	
			13,800.00

GIFTS, GRANTS AND CONTRACTS  
MAY 8, 1987

UNIVERSITY OF WISCONSIN - EXTENSION

GIFT-IN-KIND

1. JAY SALVO  
MADISON, WI  
VIDEO PRODUCTION EQUIPMENT  
EXT TELCOM PHOTO MEDIA CTR
2. DELMAR BROWN  
MADISON, WI  
USED KITCHEN CABINETS  
EXT TELCOM PHOTO MEDIA CTR
3. GREEN BAY PACKERS INC.  
GREEN BAY, WI  
HOUSTON FEARLESS, MOTION PICTURE PROCESSING  
MACHINE, CHEMICAL TANKS, CHEMICAL MIXER, MOTION  
PICTURE PRINTER.  
EXT TELCOM PHOTO MEDIA CTR

TOTAL EXTENSION

35,714.40  
=====

EXTENSION AND PUBLIC SERVICE            35,714.40

MAY 8, 1987  
GIFTS, GRANTS AND CONTRACTS SUMMARY  
ITEMS PROCESSED 03-21-87 THROUGH 04-20-87

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTER SYSTEM	-0-	-0-	500	11,710	-0-	-0-	-0-	-0-	12,210
EAU CLAIRE	1,500	-0-	-0-	-0-	-0-	-0-	-0-	-0-	1,500
EXTENSION	35,714	-0-	-0-	-0-	-0-	-0-	-0-	-0-	35,714
GREEN BAY	-0-	54	-0-	-0-	85,083	1,000	124,676	-0-	210,813
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON	2,000	71,929	12,815	530,804	13,859	21,080,090	318,733	10,000	22,040,230
MILWAUKEE	-0-	56,865	-0-	-0-	67,903	625,108	560,721	-0-	1,310,597
OSHKOSH	-0-	14,575	-0-	-0-	24,038	-0-	530,234	-0-	568,847
PARKSIDE	-0-	-0-	-0-	3,987	61,496	-0-	2,549	-0-	68,032
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
RIVER FALLS	-0-	131,774	-0-	90,000	-0-	6,485	3,166	-0-	231,425
STEVENS POINT	-0-	20,000	-0-	-0-	-0-	-0-	-0-	-0-	20,000
STOUT	9,340	18,209	-0-	-0-	-0-	648,479	162,436	-0-	838,464
SUPERIOR	-0-	-0-	-0-	-0-	-0-	250,000	-0-	-0-	250,000
WHITEWATER	-0-	55,360	-0-	5,000	-0-	-0-	1,031,943	-0-	1,092,303
<b>TOTAL MAY 1987</b>	<b>48,554</b>	<b>368,766</b>	<b>13,315</b>	<b>641,501</b>	<b>252,379</b>	<b>22,611,162</b>	<b>2,734,457</b>	<b>10,000</b>	<b>26,680,134</b>
PREVIOUSLY REPORTED	10,711,100	17,658,389	730,283	10,677,967	2,043,511	174,238,816	55,828,154	164,048	272,052,268
<b>GRAND TOTAL</b>	<b>10,759,655</b>	<b>18,027,155</b>	<b>743,598</b>	<b>11,319,468</b>	<b>2,295,890</b>	<b>196,849,978</b>	<b>58,562,611</b>	<b>174,048</b>	<b>298,732,402</b>
<b>TOTAL MAY 1986</b>	<b>1,613,337</b>	<b>1,111,927</b>	<b>900</b>	<b>553,570</b>	<b>76,781</b>	<b>12,413,817</b>	<b>4,228,277</b>	<b>1,775</b>	<b>20,000,383</b>
PREVIOUSLY REPORTED	7,952,877	16,589,113	705,690	7,914,768	1,276,397	162,249,131	60,410,385	39,603	257,137,965
<b>GRAND TOTAL</b>	<b>9,566,214</b>	<b>17,701,040</b>	<b>706,590</b>	<b>8,468,338</b>	<b>1,353,178</b>	<b>174,662,948</b>	<b>64,638,662</b>	<b>41,378</b>	<b>277,138,348</b>
<b>FEDERAL TOTAL MAY 1987</b>	<b>8,750</b>	<b>186,173</b>	<b>-0-</b>	<b>194,943</b>	<b>252,379</b>	<b>18,566,876</b>	<b>2,409,643</b>	<b>-0-</b>	<b>21,618,764</b>
PREVIOUSLY REPORTED	4,346,048	13,838,395	108,950	2,884,541	1,401,547	128,648,247	52,211,784	-0-	203,439,511
<b>FEDERAL GRAND TOTAL</b>	<b>4,354,798</b>	<b>14,024,568</b>	<b>108,950</b>	<b>3,079,484</b>	<b>1,653,926</b>	<b>147,215,123</b>	<b>54,621,427</b>	<b>-0-</b>	<b>225,058,276</b>
<b>FEDERAL TOTAL MAY 1986</b>	<b>1,332,776</b>	<b>1,074,138</b>	<b>-0-</b>	<b>332,712</b>	<b>76,781</b>	<b>10,972,762</b>	<b>4,162,309</b>	<b>-0-</b>	<b>17,951,479</b>
PREVIOUSLY REPORTED	4,476,871	14,541,170	4,301	2,257,549	1,084,180	121,045,992	57,307,957	-0-	200,718,019
<b>FEDERAL GRAND TOTAL</b>	<b>5,809,647</b>	<b>15,615,308</b>	<b>4,301</b>	<b>2,590,261</b>	<b>1,160,961</b>	<b>132,018,754</b>	<b>61,470,266</b>	<b>-0-</b>	<b>218,669,498</b>



5/8/87

I-4  
II-1  
III-1

J. UW-WHITEWATER

- 1. 1983-85 Winther Hall Facilities Performance Evaluation (8412-03)
  - a. General Work  
McIntyre Construction, Beloit \$ 169,072.00
  - b. Plumbing Work  
Zimmerman Mechanical Contractors, Beloit 8,400.00
  - c. HVAC Work  
United Mechanical Inc., Racine 56,840.00
  - d. Electrical Work  
Rewald Electric Co., Burlington 59,085.00
  - e. TOTAL CONTRACT AWARD \$ 293,397.00
- 2. 1985-87 Steam Service Access Pits Maintenance (8610-34)
  - a. All Work  
Apollo Construction Co., Inc., Stoughton \$ 8,950.00

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

There are none to report this month.

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

- 2  
Hospital  
A. ~~A Consent Resolution for Madison Energy Recovery, Inc. has been signed by the consortium of Madison hospitals (University Hospital and Clinics, Meriter Hospital and St. Marys). The Consent Resolution was necessary in order for the Corporation to qualify as an I.R.G. s501(e).~~ *Nonpare Item A*
- Heileman Brewing Co. Inc.*  
B. ~~A Contributor Agreement with G. Heileman Brewing Company, Inc. for 1987 Crazylegs Five Mile Fun Run, has been signed between G. Heileman Brewing Company, Inc. and University of Wisconsin - Madison. It provides for cash and in-kind contribution for the 1987 Crazylegs Five Mile Fun Run.~~ *in-kind contribution for* *Nonpare Item B*
- C. Upon the recommendation of the UW-Madison Chancellor and with the approval of the Secretary of the State Building Commission, the following UW-Madison structures will be demolished. Each request has been carefully examined and each has been determined to be in compliance with the Board's delegated authority to the Chancellor and to also meet the criteria required in the Commission's Policy and Procedures Manual: *Archives for demolition of UW-Madison structures*
  - 1. 923 West Dayton Street;
  - 2. 931 West Dayton Street;
  - 3. 1012 West Dayton Street;
  - 4. Bee Laboratory - Reider Farm;
  - 5. Brooder House - Reider Farm;
  - 6. ISO-Building (Hog Barn) - Arlington Research Station; *and*
  - 7. Barn - Lancaster Research Station. *Nonpare Item C*

Bus Shelters - upgrading for public bus shelters ab

D. Under authority granted by Board Resolution 518, adopted 6/8/73, the following easements to the City of Madison for upgraded public bus shelters on University land have been executed by the President and Secretary of the Board. The City has obtained a federal grant for support of the costs of the proposed upgrading.

1. Lake Street at University Extension Building;
2. University Avenue at Murray Street;
3. University Avenue at Park Street;
4. University Avenue at Orchard Street;
5. University Avenue at Lorch Street;
6. University Avenue at Breese Terrace (inbound);
7. Johnson Street at Charter Street;
8. Johnson Street at Mills Street;
9. Johnson Street at Park Street;

(Xref Bldgs + Land - same)

E. ~~The UW-Madison Vice Chancellor for Administration has executed a Land Use Agreement with the State Department of Natural Resources. This permits access to the Waterloo Wildlife Area in Dodge County by University representatives for the purpose of conducting research on rock formations. This access will support research work in the College of Engineering's Department of Metallurgical and Mineral Engineering and is a continuation of an access arrangement that has existed for several years.~~

DNR -

DNR for

(Xref Bldgs + Land - same)

F. ~~On signature of the University of Wisconsin-Madison Vice Chancellor for Administration, the lease with Ms. Lenore Walczak has been renewed. This provides for her continued use and occupancy of Residence #2 (Building #1139) on the Hayward Experiment Station. The renewal agreement covers the period February 1, 1987 through January 31, 1988.~~

Experimental Station - Renewal of

Monpers. Item F

G. University of Wisconsin Press Agreements:

<u>AUTHOR</u>	<u>TITLE</u>
✓ Andrews, William L.	Editor agreement for American Autobiography Series
✓ Dominguez, Virginia R.	The Significant Self: Toward a Prediction of Israeli Society
✓ Lindahl, Folke	The Aesthetic Drift in Political Theory: An Analysis of the Interpretive and Literary Dimensions of Political Discourse
✓ Skloot, Robert	The Darkness We Carry: The Drama of the Holocaust