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## **Minutes of the regular meeting of the Board of Regents of the University of Wisconsin System: February 2, 1990. 1990**

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

Madison, Wisconsin

February 2, 1990

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MINUTES OF THE REGULAR MEETING

of the

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Madison, Wisconsin

Held in the Clarke Smith Room, 1820 Van Hise Hall  
Friday, February 2, 1990  
8:05 a.m.

- President Schilling presiding -

PRESENT: Regents Clusen, Davis, DeLong, Doughty Luckhardt, Dreyfus, Flores, Gelatt, Grover, Gundersen, Hanson, Lyon, Nicholas, Nikolay, Schilling, Vattendahl and Vos

ABSENT: Regent Weinstein

*ROTC*  
Broadcast of ROTC Matter *to other floors in Van Hise Hall, p. 1*

It was announced by President Schilling that discussion of the ROTC matter was being televised to the 19th floor and 15th floor conference rooms to accommodate observers who could not be seated in the meeting room.

Approval of the Minutes

Upon motion by Regent Nikolay, seconded by Regent Vos, the minutes of the December 8, 1989, meeting of the Board were approved as distributed.

REPORT OF THE PRESIDENT OF THE SYSTEM

Report of Nonpersonnel Actions

The following resolution was adopted unanimously by the Board of Regents, upon motion by Regent Vos, seconded by Regent Gelatt:

Resolution 5398: 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.

ROTC → Consideration of the ROTC Matter with various testimony, R 5399, pp 2-17

Presenting his recommendation to the Board, President Shaw made the following statement: "I am recommending that the Board reaffirm the principles outlined in the position it took in the spring of 1987 related to University of Wisconsin participation in ROTC programs. I say 'principles' because I am recommending some changes in the form of that resolution which suggest that the responsibility for attempting change lies with many. The revised resolution suggests that our job is an educating one, that there is much to do in this state and nation, and that everyone--faculty, students, staff, fellow chancellors, universities in other parts of the country, national associations and the like--should be made a part of the process to effect change. Of course, by making this recommendation, I am also recommending that neither UW-Madison nor any of our other campuses opt out of existing ROTC programs.

"First, let me make clear that about which there seems to be little disagreement. We have repeatedly and forcefully determined that equal opportunity for proper inclusion in publicly supported programs should be afforded to all of our citizens. That must be our position. Why, then, stay in ROTC? What follows are my reasons. I believe the best chance to effect change is for the University System to be able to exert its influence. By opting out, we will, in my opinion, have little to say about this issue. What is needed is an amendment to the laws governing discrimination--an amendment to prohibit discrimination on the basis of sexual orientation. This is where efforts to change the policy should be directed. For us to get out of the game is to render ourselves ineffectual in the public arena as it deals with an issue that must be resolved legislatively.

"It is because there is much to do that the resolution has been broadened to suggest roles for faculty, students and staff, for the President of the UW System, and for chancellors working with their national associations and their relationships with colleagues in other parts of the country.

"I am also concerned as to what effect an opting-out decision would have on students that are presently enrolled in and benefit from ROTC programs and those who will benefit in the future. They number over 350 students enrolled here at UW-Madison in Army, Air Force and Navy programs and a total of over 1300 throughout nine of our university campuses. A significant number are women, minority and low income students who receive needed financial assistance from ROTC programs.

"Third, should we no longer be a part of the ROTC program, we would no longer be able to participate in the broad education of our future military leaders. That, in my opinion, would not be good for us nor for the nation. We should not abandon that responsibility solely to the military colleges.

"These are never easy decisions. In the last analysis, in my opinion, by opting out we would be giving up opportunities for over 1300 students. We would be forfeiting our right to influence future military leaders. But, most important, we would be removing ourselves from an optimum position of leverage to deal directly and forthrightly to change pertinent policies and laws which have to be changed.

"By continuing ROTC, we continue to have an opportunity to voice our views directly where they must be heard and to provide educational leadership.

President Schilling then called upon 16 presenters who had registered to speak on the ROTC issue.

Professor Joseph Elder, Co-Chair, UW-Madison Faculty Against  
Discrimination in University Programs

Professor Elder began his comments by making three points: first, he thanked the Board of Regents, for having responded so quickly to the faculty vote of December 4, 1989; second, he applauded the recommendations of Chancellor Shalala and President Shaw that Resolution 3757 be reaffirmed; and third, he urged updating of Resolution 3757 to add features that respond to two changes that have occurred since the resolution was adopted in April 1987.

The first of these changes was increasing awareness nationally that gays and lesbians are a discriminated against minority group, with a recent Gallup poll showing that 71 percent of Americans believed that homosexuals should have equal rights in terms of job opportunities, and 60 percent believed it appropriate for homosexuals to serve in the military. The second change was release of a 1988 study commissioned by the Defense Department which concluded that homosexual men and women as a group are not different from heterosexual men and women in regard to adjustment criteria or job performance. This finding essentially duplicated the finding of the 1957 Navy-sponsored Crittenden Report that no factual data exist to support the contention that homosexuals are a greater risk than heterosexuals.

Noting that the Defense Department had in the past responded to demands for justice and fair play by its inclusion of blacks in the armed forces, Professor Elder commented that "the Defense Department currently has before it ample evidence that its discrimination against homosexuals has no factual or moral justification. Right now, there are voices within the Defense Department urging changes. Those voices within the Defense Department need to be strengthened by our voices from without."

In conclusion, he recommended three ways to update Resolution 3757. First, instead of urging only the President of the UW System to work for change with the Wisconsin congressional delegation, he recommended urging the President and the chancellors of the various UW campuses to work for change at the national level with such academic organizations as the Association of American Universities, the American Association of State Colleges and Universities, and the National Association of State University Land Grant Institutions. The Faculty Against Discrimination in University Programs has pledged cooperation in this national effort.

Second, he recommended that the Board start the clock running so that it would be known that by a certain date discrimination must be eliminated. Without a deadline, he felt leverage would be lost.

Third, he recommended that the Board make it manifestly clear that violations of Resolution 3757 will not be tolerated indefinitely. Noting the December 4 faculty vote which urged that ROTC contracts be terminated if discrimination on the basis of sexual identity does not end by 1993, he

stated that, while the Regents might select some other date, the faculty vote reflected the conviction that those now practicing discrimination on UW campuses must know that, at some point, the clock will run out and that the University of Wisconsin will not be collaborators indefinitely in their discrimination.

Gordon Baldwin, Professor of Law and Director of the  
three ROTC Officer Education Programs, UW-Madison

Professor Baldwin commented first that the Army, Navy and Air Force will not maintain ROTC programs unless they are vital and strong. They will terminate programs if the atmosphere is inhospitable or the enrollment drops.

Termination of the programs, he stated, would do nothing to provide opportunity in the armed services for gay and lesbian students. In addition, he felt that to start the clock running would likely destroy the program now, since students would not enroll in a program which might terminate before they could complete it. "It's a serious matter. President Shaw's recommendation that you pursue the legislative route seems to me to be legally sound. An act of Congress probably is required and perhaps even a change in the laws of about 25 states. I urge that President Shaw's resolution be affirmed."

Regent Flores asked Professor Baldwin if he knew of any Wisconsin statute or administrative rule which prohibits the state from discriminating against persons on the basis of sexual preference.

Professor Baldwin replied that there is a state law that adds sexual orientation to the list of traits on which discrimination is prohibited. The state Attorney General, however, had opined that the Wisconsin Statute does not apply to contracts between the State of Wisconsin and the federal government for two reasons: (1) the supremacy of federal law; and (2) the interpretation under Wisconsin law that a contract is not construed as attempting to bind the federal government unless it is explicit and unequivocal.

Regent Flores asked whether the preemption doctrine does not require specific and explicit language by a federal statute preempting state law.

Noting that the test for preemption is complex, Professor Baldwin added that, with respect to military interest, the courts universally have held that national law is preemptive, on the assumption that Congress intends to preempt state law with respect to national defense matters.

Regent Flores asked if there is a Defense Department regulation or federal law that prohibits homosexuals either from participating in the service or in the Reserve Officer Training Corps.

Professor Baldwin replied that the basic statute prohibiting homosexual behavior is found in the Uniform Code of Military Justice. Pursuant to the congressional delegation of authority to the Defense Department to establish standards for enlistment and commissioning, the Department had promulgated a regulation forbidding enlistment and commissioning of homosexuals. Because of the federal statute dealing with homosexual behavior, it was Professor Baldwin's opinion that the statute would have to be repealed before the Defense Department could change its regulations.

Robb McGinnis, United Council of UW Student Governments

Mr. McGinnis reported that the United Council supported calling for the eventual phase-out of ROTC programs, if the military continues its policy of discrimination on the basis of sexual orientation.

In discussing this issue, the argument was considered that money would be lost by termination of the program, and it was concluded that this argument should be discarded in the interest of defending civil rights.

Mr. McGinnis also disputed the contention that the university could more effectively work for a change if it remained a participant in the programs. He considered this argument a "cop-out," which would allow replacing the burden of knowing that discrimination is wrong with a belief that something positive is being done. In that regard, he noted that the Board's two-year-old policy of working within the system had not been effective.

He urged the Board to become catalysts for change and to take an historical step forward in the battle against discrimination.

If it were a matter of discrimination on the basis of race or gender, he did not believe there would be hesitancy to terminate the program, and he did not believe discrimination on the basis of sexual orientation should be viewed differently.

Steve Myrah, Academic Staff Assembly, UW-Madison

Speaking in support of four resolutions approved by the Assembly, Mr. Myrah stated that the Assembly was particularly hopeful that its recommendation to marshal support from among chancellors and regents of other land grant institutions and their associations will be followed, as the most effective way to change Defense Department policy and end discrimination.

It was the Assembly's conviction that the Department of Defense will much more likely be sensitive to pressure from a group of institutions as opposed to one institution, particularly one that had already opted out of the program.

Jordan Marsh, Wisconsin Student Association, UW-Madison

Speaking in favor of disaffiliation, Mr. Marsh noted the belief that in this society people will be judged on the content of their character and not on irrelevant characteristics like sexual orientation. To retain ROTC, he commented, is to sanction bigotry. Having come so close to taking an unprecedented stand against discrimination, he felt the Board should not back away and continue to accept such discrimination.

Noting that actions taken under the 1987 resolution had not persuaded the Department of Defense to change its policy, he thought nothing short of a commitment to disaffiliation would have an impact.

Given the stake of all in the freedom of this society, he commented that every day injustice is allowed to continue, the freedom of all is diminished. Stating that students and faculty cannot tolerate trying to



study and learn in an atmosphere of discrimination, he urged the Board to make its decision on the basis of a commitment to freedom, no matter what the cost, and to seize the opportunity to be a positive agent for change.

Attorney Jack DeWitt

Stating his support for President Shaw's position, Mr. DeWitt commented that the only defensible discrimination is with respect to competence and that competent, loyal people who want to serve their country should be permitted to serve in an appropriate way. However, he felt that influencing congressional and military leaders to change policies is much better done by remaining in the ROTC system than by withdrawing from it.

While the wish of homosexuals to serve their country is worthy of consideration, he remarked that the wish of heterosexuals to attend this university and participate in ROTC also should be taken into account. It was his understanding that about 400 students now are in the ROTC program at UW-Madison and over 150 of them receive full tuition scholarships.

Another significant point, he added, is that having an ROTC program gives faculty an opportunity to influence military thinking and policy. ROTC subjects are a small part of a student's total curriculum. The Wisconsin Idea and the values learned at this university go with the student into the military service, to influence thinking and policy at every echelon of command staff. In his military career of over 20 years, he served with many splendid officers who were products of Wisconsin's ROTC program. When a member of the law faculty, he had recruited for that faculty Bob Froelke and Carl Runge, both Wisconsin ROTC graduate who went on to serve as Secretary of the Army and as Assistant Secretary of Defense, respectively, and who did not forget Wisconsin ideals and values while in those capacities.

Tim Longman, Inclusion Coalition

Mr. Longman challenged the Board to take a strong stand on this issue and to set a date by which the ROTC must either have changed its policy or have left the UW System. If a lesser course were chosen, he felt the issue would continue to resurface, since a decision allowing ROTC to continue discrimination indefinitely would be inconsistent with state law and university policy.

In practice, he commented, discrimination on the basis of sexual orientation is not considered as serious as other forms of discrimination. Because the victims of the ROTC's discrimination are gays and lesbians, he felt little is being done to remedy the problem, whereas stronger action would be taken if ROTC refused to admit other groups, such as Asian Americans or Catholics.

If the Board did not take a strong stand at this time, he predicted that students, faculty and others would continue to demand justice until the Department of Defense ends its policy of discrimination or until the ROTC program is removed from campus.

In closing, he urged the Board to take the strongest action possible, to set a date for the end of discrimination and to back up its words with action.

John Neess, Emeritus Professor, UW-Madison

Professor Neess stated that he was appearing on his own behalf and also on behalf of Madison Community United, a social service organization for lesbian and gay citizens in the Madison area.

He began his comments by reading from a recent report of a task force of the Secretary of the U.S. Department of Health and Human Services, which found that suicide is the leading cause of death among gay male, lesbian, bisexual, and transsexual youth, and that the root of the problem is a society that discriminates against homosexuals while failing to recognize that a substantial number of its youth has a gay or lesbian orientation.

Intolerance and stigmatization, Professor Neess commented, are kept alive by institutions, such as the national government, its Department of Defense, and major universities which enjoy a large measure of public respect and which tolerate discrimination.

He urged the Board to make a decisive gesture to help bring an end to this discrimination by setting a time-certain at which the university will no longer harbor a program that practices such discrimination. Continued toleration of discrimination, he feared, would cancel the persuasive force of the best-intended efforts to influence legislators, public officials or the public at large.

Professor Neess submitted for the record copies of his remarks and the task force report to which he had referred.

Dave Wilcox, Ten Percent Society

On behalf of the Ten Percent Society, Mr. Wilcox presented petitions which he said contained 435 signatures in favor of disaffiliation from ROTC.

Referring to the argument that disaffiliation would harm the educational effort of cadets who may depend on ROTC programs to fund their educations, he commented that this argument overlooks the fact that lesbians and gays also are in need of educational assistance and may wish to participate in ROTC.

Although it was contended that only by keeping ROTC on campus can the university have a voice in changing Department of Defense policies, Mr. Wilcox doubted that the ROTC would be willing to aid the fight to end discrimination, since no cadets with whom he had spoken favored a change in the policy.

Noting past military discrimination against Blacks, he said that today the military discriminates against lesbians and gays using surprisingly similar and equally vague statements based on common stereotypes and prejudices against homosexuals. At this time, he felt there was an opportunity to avoid the probable futility of relying on gradual change by taking decisive action.

Referring to financial consequences the university might suffer should a vote for disaffiliation occur, he stated that no price tag can be put on justice.

In conclusion, he urged a vote for disaffiliation, in order to send a powerful message to the Department of Defense and the United States government that this university will not tolerate discrimination in any form.

Bill Kingsbury, Ten Percent Society

Noting that he is a member of the Ten Percent Society, but was speaking as an individual, Mr. Kingsbury expressed concern that if discrimination against gays and lesbians continues to be tolerated in the military, it may seem more acceptable to harass and discriminate against them in other ways.

He was encouraged by President Shaw's report and his recommendation that the university strengthen its statement against discrimination, and he urged chancellors to join faculty and students in working to end discrimination.

Meg Gaines, Dean of Students' Gay and Lesbian Issues Committee, UW-Madison

Referring to the Wisconsin law that prohibits discrimination on the basis of sexual orientation, Ms. Gaines noted that the Attorney General's opinion cited by Professor Baldwin was advisory and not binding on the Board of Regents or any other body. While it might be true that Wisconsin law cannot govern in contracts with the military, the Board of Regents still could refuse to contract with a national body, which is what was recommended by proponents of disaffiliation.

It was her view that the Board would not be opting out of influencing the Department of Defense by deciding to disaffiliate from the program, because she disagreed that to act consistent with state law would place the university outside the system, while violating the law would place it within the system.

Stating that gay and lesbian students cannot learn and blossom in a place where discrimination against them is tolerated, she commented that use of the words "discrimination on the basis of sexual orientation" masked the real-life suffering of gay and lesbian people.

In conclusion, she stated that to allow ROTC to remain on this campus and continue discriminating is to tell gay men and lesbians that discrimination against them is acceptable.

Michael Mauriel, Progressive Student Network

Mr. Mauriel reported that the Progressive Student Network (PSN) supported the resolution passed by the faculty to disaffiliate by 1993 if the ROTC policy is not changed.

The PSN felt that any proposal calling for the university to lobby the federal government before setting the deadline for disaffiliation reversed proper priorities, in that it is not the primary responsibility of UW

leadership to try to change military policy; but it is its responsibility to enforce existing university anti-discrimination policy and Wisconsin law against discrimination based on sexual orientation.

Second, the faculty resolution calling for disaffiliation by 1993 would merely put the ball in the military's court, to determine whether to abandon great campuses such as the UW in favor of retaining a self-defeating policy.

If the Board led the institution into continuing conflict with its own rules, with state law and with human rights, he felt there would be a risk of losing its legitimacy of authority in the eyes of students.

Retired Reverend Max Gaebler

A long-time observer of university affairs, Reverend Gaebler had been a minister of the First Unitarian Society in Madison for 35 years.

Commenting that the exclusion practiced by the ROTC is based on a distinction which most who constitute the university's various constituencies consider to be unjustly discriminatory, he felt the question was how most effectively to bring about change in that policy.

While some advocated termination of ROTC programs if the policy of discrimination against homosexuals is not ended by 1993, the serious impact of such an action on many students and the difficulty of maintaining the program at all under such circumstances seemed to him compelling reasons for not pursuing what in all likelihood would prove a self-defeating course for the university. The best course, he thought, was the one advocated by President Shaw and Chancellor Shalala of using the university's position to bring about change--consistent with the proud record of the armed services in combating other forms of discrimination.

There was overwhelming agreement as to the goal, he noted, but disagreement as to strategy and tactics. As one for whom ethical questions had long been of central concern, he emphasized that, in his judgment, there was no moral high ground to be claimed by pursuing tactics that are likely to prove self-defeating.

Laura Mamo, Campus Women's Center, UW-Madison

Stating that students favor disaffiliation from the ROTC, Ms. Mamo asked that their views be given serious consideration.

Students come to this university, she observed, not only because of its academic quality, but because of its reputation for fostering nondiscriminatory, diverse and inclusive behavior. By supporting the ROTC, she felt the university is recognizing as appropriate ROTC's policy of discrimination against gay and lesbian students. This erodes students' pride in their institution.

On behalf of the Campus Women's Center, she stated confidence in expressing the view that women students support commitment to disaffiliation.

Midshipman David Raine, UW-Madison

Stating his support for the ROTC, Mr. Raine said cadets believe removing ROTC from the university would also remove the positive influence of the University of Wisconsin on the military. He felt there is no better way to bring about positive change than to provide an environment where military officers can receive a liberal education.

Cadet David Danholzer, UW-Madison

Cadet Danholzer stated that he was attracted to this university because of its fine academic reputation, its Air Force ROTC program and because he wanted to receive a broad based education. The instructors at military academies, he noted, do not always accurately represent society and its attitudes.

Commenting that he would be ashamed to say that he attended this university if the ROTC program were discontinued, he said this institution is playing a role in the defense of the nation by supplying officers to the various branches of the service and ensuring that civilian-educated officers exercise their unique perspective in the military of tomorrow. The debate over ROTC policy, he said, belongs in Washington, D.C., and not in Madison, Wisconsin.

In closing, he urged the Board to keep the University of Wisconsin as an integral part of the armed forces of the United States.

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Regent President Schilling expressed appreciation to all the speakers, not only for their cooperation in adhering to the established time limits, but especially for the very thoughtful, forceful and wise arguments they had presented.

Adoption by the Board of Regent of the following resolution was moved by Regent Dreyfus and seconded by Regent Nicholas:

That the Board of Regents amends Resolution 3757 adopted on April 10, 1987, regarding Reserve Officers Training Corps programs offered on the University of Wisconsin campuses, as follows:

Resolution 3757:

Whereas, the Board of Regents of the University of Wisconsin System is committed to maintaining students' rights to be free from unnecessary discrimination in an academic setting; and

Whereas, the citizens of the State of Wisconsin, through their Legislature, have stated that discrimination based on sexual preference is not to be tolerated or allowed in Wisconsin; and

Whereas, the Reserve Officers Training Corps programs offered on University of Wisconsin campuses discriminate against applicants based on sexual preference;

Therefore, be it resolved that the Board of Regents expresses its concern over the practice of discrimination based on sexual preference toward applicants to Reserve Officers Training Corps programs throughout the University of Wisconsin System; and

Be it resolved that the Board of Regents ~~requests~~ directs the President of the UW System, and the Chancellors of those UW System institutions with ROTC programs, to contact and work with Wisconsin's congressional delegation and appropriate U.S. government officials, and with the national associations of higher education to attempt to change the federal policy that allows this type of discrimination and attempt to change the programs.

Be it finally resolved that the Board of Regents urges interested faculty, staff and students to participate in the resolution of this issue.

Commenting on the difference between this resolution and the one adopted in 1987, President Shaw noted that both stated the Board's concern about the unjust discrimination perpetuated by federal ROTC policy. While the 1987 resolution requested the System President to contact and work with Wisconsin's congressional delegation to change the policy, the proposed resolution would direct the President to do so, as well as the Chancellors of those UW System institutions with ROTC programs. It also would direct the President and Chancellors to work with appropriate U.S. government officials and with the national associations of higher education.

Finally, the resolution would urge interested faculty, staff and students to participate in resolving this issue.

Noting that the university had offered military training for 129 years, Regent Dreyfus pointed out that disaffiliation is not a temporary measure. Once the program is terminated, it will not be brought back. "I, for one, feel strongly about the military of this country being essentially guided by civilian, well-educated mentalities. We are the only major society in the history of the world where there has not even been an attempt by the military to take over. That is not luck or chance. That is, in fact, the result of what has occurred since 1819 with producing an officerial cadre that comes not from just three academies. By the maintenance of this program, we make sure the University of Wisconsin graduates continue to serve in the defense of this country. We ensure a military that will maintain its basic civilian mentality and outlook. That is critical to the future of the country."

Regent Doughty Luckhardt expressed disappointment that the resolution did not state that the ROTC program is to be maintained on campus. "As a Regent, I should like to be able to go on record as voting to maintain it." She stated her intention to offer a motion to that effect.

Regent Hanson asked what actions had been taken to implement the 1987 resolution.

President Shaw replied that he contacted the congressional delegation both in writing and through visits to Washington. The UW-Madison Chancellor made the same kind of contacts. Legislation to make the policy change had been introduced but had not passed. His sense from contacts made was that change in the policy was not imminent.

In response to a further question by Regent Hanson, President Shaw said there had not yet been efforts to work with other universities to press for change.

Regent Flores was not convinced that enough had been done to implement the 1987 resolution and did not believe that change could be effected if the same effort were put forth in the future.

It was moved by Regent Vos and properly seconded that the resolution be amended by adding as the penultimate paragraph the words, "Be it further resolved that the UW System President report back to the Board of Regents on the progress of the lobbying efforts to change the ROTC discrimination policy by February 1991."

Regent Davis suggested that the report be made annually instead of one specific point in time. Regent Vos agreed to that change.

Regent Hanson stated that, although she favored the sentiment behind the amendment, she intended to vote against it because of her opposition to the main motion.

Explaining his purpose in offering the amendment, Regent Vos stated that "the students who came here today had extremely good points and I am proud to be a student in the same ranks with those who are fighting against discrimination. I do disagree, however, with the tactics some wish to use, and I am not going to vote for disaffiliation. But I do think it is necessary to keep the UW System on track and to make progress toward changing the policy. It is very easy to put something on paper, but it is very hard to follow up on it unless a requirement is put in writing. That is why I offered this amendment--to make sure that we can keep up with the lobbying effort and make sure a good job is being done."

Put to the vote, the amendment was adopted, with Regents Doughty Luckhardt and Hanson voting "No."

Noting that Regent policy prohibits discrimination on the basis of sexual preference, Regent Flores said that, while state law prohibits discrimination on the basis of sexual preference employment, he was not certain that is true for other programs or services. There is no reference to discrimination on the basis of sexual orientation in Chapter 36 of the

State Statutes. While he had heard Professor Baldwin's comments on the question of preemption by federal law, he had not seen the Attorney General's opinion to which the Professor referred. Because he did not believe the legality of contracting with ROTC had been addressed adequately, he suggested that an opinion by the Attorney General on this issue might be appropriate.

Regent Dreyfus commented that the university's actions are legal unless a court finds that they are not. Even an attorney general's opinion would not be binding. Therefore, he did not believe the issue of legality could be resolved unless and until a lawsuit was brought and decided.

Regent Davis stated his strong belief that discrimination is wrong and must be stopped whether that discrimination is against women, against people of color, or against homosexuals. He did not think, however, that was the issue; rather, the issue was to decide the appropriate remedy and the most effective path to that remedy.

Whatever remedy is adopted, he commented, should not itself discriminate but should be applied across the board. That is why he found threat of banishment an unacceptable remedy. Noting that letters received from proponents of disaffiliation staked out a strong moral position in labeling ROTC practices unacceptable, he said that, while he agreed with that conclusion, there was no moral high ground to be seized by terminating the program. In discussion of *Design for Diversity* two years ago, he had inquired as to the role of the faculty in that program and received an unsatisfactory answer. Two years later, the UW-Madison faculty came together to address discrimination in the ROTC program. While he shared the Chancellor's pride that they did so, he was concerned that they did not go far enough. They did not discuss the fact that 89 percent of the tenured faculty at UW-Madison are male, that there are no tenured females in the Business School, that there are two women out of 206 faculty in the School of Engineering, none in pharmacy, none in veterinary medicine, and there are no African-American professors, tenured or untenured, in the Business School.

It was his view that all of the institutions are flawed in many ways. In trying to make them better, the Board must not set standards for one that it would be unwilling to set for another. In a *Design for Diversity* compliance audit, he thought, the military would fare far better than most UW campuses; its workforce is more diverse, opportunities exist for women and minorities, and its management is more diverse. In that regard, he noted that the Chair of the Joint Chiefs of Staff is an African-American, but there is not one Black dean on the Madison campus. While he felt the military is clearly wrong on the issue of sexual preference, he believed that change will come and that the university must continue to press for the change. "I would suggest that all of us in this System are very good at crafting principles, at making statements and taking postures. The data, however, suggest that all of us, not only in ROTC, are short across the board on delivering results.

"So, my position is quite simple. When we start to set deadlines for chancellors and when we say 'produce or leave' to them; when we set deadlines for deans instead of giving them higher salaries and new buildings; when we make the faculty accountable for producing diversity



instead of worshipping diversity, then we should set deadlines for ROTC. My people tell me that your talk is not enough. You have to walk your talk. You have to walk it everywhere and you have to walk it evenly. With that, I believe that the motion in front of us is the appropriate action to take at this time."

Speaking from his perspective as a trade union leader, Regent Vattendahl observed that there probably had been similar debate in the halls of Congress at the turn of the century when his predecessors were trying to form unions in the steel industry and many were saying, "Wait and let the system take care of it." "I am going to vote for the resolution because I think it is the best we can do," he said, "but I am going to say that next year when there is a report on this, if we have made no significant progress, I would intend to submit a resolution for disaffiliation at some point."

Commenting on the high quality of the discussion, Regent Clusen commended the speakers for their articulate and comprehensive but concise presentations. She was disturbed, however, by the belief expressed by some, that money was a primary motivation for keeping the ROTC program. "I think that is the last thing in the mind of any of us. The defense contract is simply not important in that sense to us. In the matter of scholarships, it is important to a lot of our students, but I think that we must put aside the idea that any decision we make today is based on financial considerations as far as our defense contract is concerned."

It seemed to her that the proposed resolution was the most logical course of action, and she was pleased that it is specific, in the intent to require of the administration at every level accountability for action through an annual report. In that regard, she suggested that the University Relations staff might be helpful in making contacts. It also was her belief that all members of the Board have a responsibility to take action by contacting their members of Congress and the Department of Defense. "If we have learned anything, we should know that simply writing letters is not going to get us any place."

Regent Schilling added that he would be distressed if people came away from this debate thinking that there was some monetary reason why the Board was reluctant to disaffiliate. "I happen to think that disaffiliating from ROTC would be 'throwing the baby out with the bath water.' But by the same token, it is patently wrong to discriminate as the ROTC and Defense Department do against homosexuals. If we can say that, the only way to deal with our consciences would be to put our feet to the fire along with the administration's, and that means that we can't just talk today. We have to talk about specific plans that will involve Regents in this effort as well as administrators, chancellors, and others."

With regard to the motion offered by Regent Doughty Luckhardt, President Schilling suggested that it might be inserted in the paragraph which began with the words, "Therefore, be it resolved" by adding "that the Board of Regents recommends the continuance of ROTC but expresses its concern . . . ."

Regent DeLong seconded Regent Doughty Luckhardt's motion and noted that the suggested language also could be inserted at the end of the paragraph,

which then would read, "Be it resolved that the Board of Regents expresses its concern over the practice of discrimination based on sexual preference toward applicants to the Reserve Officer Training Corps programs. We are recommending continuation of the ROTC programs within the UW System."

Regent Flores did not think that the amendment was germane, since there was no resolution before the Board to terminate ROTC.

Regent Schilling ruled the amendment germane on the basis that it was implicit in the resolution as presented that the program would continue. Regent Doughty Luckhardt's motion simply sought to reinforce what was implicit.

Regent Nikolay appealed the ruling of the chair because he felt the amendment would destroy the intent of the resolution.

Regent DeLong cautioned against voting to overrule the chair on a question of germaneness, which he felt could be a dangerous practice—one to be used only in a very limited capacity. The issue before the Board, he noted, resulted from an action of the UW-Madison Faculty Senate which recommended termination of the contract with the Department of Defense. On the Board agenda, it was titled, "ROTC Issue." He felt that Regent Doughty Luckhardt's motion was clearly germane to the ROTC issue and, therefore, urged that the ruling of the chair be upheld.

Put to the vote, the ruling of the chair was upheld on a voice vote.

Regent Flores referred to the second "whereas" clause of the proposed resolution, which stated that discrimination based on sexual preference is not to be tolerated. The resolution went on to state that the ROTC discriminates against applicants based on sexual preference, and the proposed amendment would specify continuation of the program. "So, we are saying that the citizens have spoken; that we shouldn't tolerate it or allow it; but we are going to tolerate it and allow it." He then referred to Regent Resolution 5063, adopted in October 1988, which states, "It is the policy of the Board of Regents of the University of Wisconsin System that racist and other discriminatory conduct toward students, employees, officials, and guests at the University of Wisconsin System is conduct which will not be tolerated." The resolution enumerated types of discriminatory conduct, including sexual orientation. He asked how these policy statements could be reconciled with the proposed action and whether this action would carve out an exception to that policy for ROTC.

Regent Doughty Luckhardt then withdrew her motion in order to offer it as a separate resolution after action on Resolution 5399.

In reply to Regent Flores' question, Regent Davis did not think ROTC should be held up as a singular exception that is being tolerated, when the total situation is in many ways unacceptable. His position was not that discrimination should be tolerated, but that the remedies chosen should be applied across the board equitably.

Also responding to Regent Flores' question, Regent Clusen noted that what is said in the resolution is true. The Board is committed to maintaining students' rights; the citizens have stated discrimination is wrong. However, because ROTC is a federal program under federal rules, she saw no inconsistency between the Board's policy and action on this matter.

Regent Hanson spoke in opposition to the resolution, stating as follows: "I feel that discrimination is wrong in any form. Just because our professors and administration perhaps are not working as diligently as they might on this matter, I don't think that justifies our supporting an organization on this campus that has a policy to discriminate against a part of our student population. For that reason, I cannot support this resolution. I don't think tolerating this discriminatory practice because the population involved may not be so popular is right. I plan to vote against it."

President Schilling called attention to a memorandum from Regent Weinstein to all Regents which eloquently set forth his position. His views accorded with those of Regent Hanson.

Put to the vote, Resolution 5399 was adopted, with Regent Doughty Luckhardt, Regent Flores and Regent Hanson voting "No."

Resolution 5399: That the Board of Regents amends Resolution 3757 adopted on April 10, 1987, regarding Reserve Officers Training Corps programs offered on the University of Wisconsin campuses, as follows:

Resolution 3757:

Whereas, the Board of Regents of the University of Wisconsin System is committed to maintaining students' rights to be free from unnecessary discrimination in an academic setting; and

Whereas, the citizens of the State of Wisconsin, through their Legislature, have stated that discrimination based on sexual preference is not to be tolerated or allowed in Wisconsin; and

Whereas, the Reserve Officers Training Corps programs offered on University of Wisconsin campuses discriminate against applicants based on sexual preference;

Therefore, be it resolved that the Board of Regents expresses its concern over the practice of discrimination based on sexual preference toward applicants to Reserve Officers Training Corps programs throughout the University of Wisconsin System; and

Be it resolved that the Board of Regents ~~requests~~ directs the President of the UW System, and the Chancellors of those UW System institutions with ROTC programs, to contact and work with Wisconsin's congressional delegation and appropriate U.S. government officials, and with the national associations of higher education to attempt to change the federal policy that allows this type of discrimination and attempt to change the programs.

Be it further resolved that the UW System President report back to the Board of Regents annually on the progress of the lobbying efforts to change the ROTC discrimination policy.

Be it finally resolved that the Board of Regents urges interested faculty, staff and students to participate in the resolution of this issue.

Regent Doughty Luckhardt moved adoption of the following resolution, and the motion was seconded by Regent DeLong:

We are recommending the continuing of the ROTC programs at the UW-Madison campus.

Regent Dreyfus observed that the ROTC programs would continue, whether or not this resolution was passed.

Regent Doughty Luckhardt explained that her purpose was to provide an opportunity to vote specifically for continuation of the program.

Stating agreement with Regent Doughty Luckhardt, Regent Nicholas noted that the issue arose because of the faculty vote to eliminate the program. Therefore, he considered it in order for the Regents to reaffirm the belief that ROTC programs should stay on campus.

Regent Flores stated that he could not vote to recommend continuation of the programs because their discrimination is in direct contradiction to Regent policy.

Regent Gelatt stated that he would vote against the resolution because it missed the sense of the resolution just adopted which states the Board's position against discrimination in ROTC and its commitment to work for change of that policy.

Regent Lyon stated that he also would vote against the resolution. He agreed with the comment made by Regent Gelatt and added that the resolution also was flawed in referring only to UW-Madison and not to ROTC programs on other campuses in the System.

Regent Dreyfus moved to table the resolution and the motion was seconded by Regent Nikolay.

Put to a roll call vote, the motion passed, with Regents Clusen, Davis, Dreyfus, Flores, Gelatt, Grover, Gundersen, Hanson, Lyon, Nikolay, Schilling, Vattendahl voting "Aye" (12) and Regents DeLong, Doughty Luckhardt, Nicholas, Vos voting "No" (4).

The meeting was recessed at 10:20 a.m. and reconvened at 10:35 a.m.

*Public Instruction, State Deptmt*

**REPORT OF THE PRESIDENT OF THE BOARD**

**Report of the State Superintendent of Public Instruction**

*Regent Grover on joint DPI/VTAE efforts to encourage students' early planning for college*

Regent Grover presented a report which highlighted cooperative efforts between the Wisconsin Department of Public Instruction and the University of Wisconsin System in making clear statements to young people about the necessity of being prepared for college, in the training and retraining of science education teachers, and in influencing minority children to prepare for college.

*pp 18-22*

*(Xref) VTAE - (same)*

"In 1984 we started this with the report, "Education for Minorities in Wisconsin, a Joint Enterprise." We entered into a study on that whole question and that report lives on. For example, you will be receiving shortly a report dealing with teacher education/teacher preparation. I recommend an urban teacher center in that report. That came out of the deliberations of 1984. At that time, we had a commission established and Chancellor Penson was the one who represented the university. We developed the document called *Preparation for College*, which we send to the eighth graders throughout the State of Wisconsin annually, trying to get them to take it home and sit down with their parents and guidance counselors and take the right kind of courses in order to be adequately prepared to succeed in college.

*(Xref) Grover, Regent But - (same)*

"In the packet before you today, first of all you see the document, *Gearing Up For College*. We now send that to every eighth and ninth grader in the State of Wisconsin annually.

"Then, you will note that the University has done an outstanding job in *Introduction to the University of Wisconsin System*. We are particularly proud of pages 6 and 7, which describe the admission requirements and the kinds of high school courses that prepare young people for college--much more specifically than used to be the case. There is a strong, clear and telling admonition to young people, hopefully understandable, so that they will take the right kinds of courses in elementary and secondary education as they present themselves. We want to thank Vice President Trani and his staff and the campus officials who have worked on this major document that I think is much clearer and much more significant than the former documents.

"Also in the packet and you will see the material on minority program efforts sponsored by the UW and DPI. We have the Minority Pre-College Scholarship Program and the Wisconsin Educational Opportunities Program. You will recall the Regent meeting in Milwaukee where this wonderful young minority woman came before the Regents. She went through this program and now her sister is going to college, too. She is going on to graduate school.

"We have received some additional funding. We now have about \$1.2 million in this biennium to sustain this Minority Pre-College Scholarship Program. The program takes minority children, sixth grade and beyond, and allows them to go to the university of their choice in Wisconsin. It costs us about \$250 for a week's program. That is the way we are going to break the minority enrollment crisis affecting the university and its future. If we were to let these children go every year, we wouldn't have more than \$1,500 invested in them. Let them go to any university every summer to supplement what they sometimes don't have in their lives: an awareness of

the university and the expectation. Then further expand our relationship with them so that each semester they meet with university officials, guidance counselors, and parents to make sure they are taking the right courses and see the dream. I would tell you that if we had 4,000 of these children going to this kind of a program annually, in six years you would not have the problems that you suffer around *Design for Diversity* and whether or not minority children are coming to college.

"We think that program is very successful and we don't have enough money. We can't meet the demand that is out there. We hope that, with the help of Jim Sulton and the other people backing *Design for Diversity* and further collaboration with the university, we can expand that kind of opportunity.

"We also have a new publication called *Opportunities for Wisconsin Youth* which shows every program on every college campus that is available for minority young people. We think it is a helpful document. It is a comprehensive document and we are sharing that throughout the state as well.

"Further collaboration exists between the university and DPI in the Science Center project, funded by \$1.8 million from the National Science Foundation and over \$1 million from the university, DPI and business and industry. We are retraining our science teachers in Wisconsin. We have retrained 600 middle school and high school science teachers, and another 250 are participating in this program in 1989-90. These are on the campuses of La Crosse, Stevens Point, Superior, Milwaukee, Platteville, Green Bay and Parkside. The President talked about upgrading science education in America. We are already doing some of that right now in Wisconsin.

"President Shaw brought together the UW, the VTAE and DPI in appointing a committee to do research on the condition of minority education and tracking the follow-up that must be done across systems as we make a strong and telling statement to each other in terms of what needs to be done to break ourselves out of this depreciating condition where statistics on minority enrollment nationally and in some institutions in this state are down. We think that working group is critical.

"Let me point a little bit to the future and what we are planning to do at the Department, working with President Shaw, Executive Vice President Lyall, Vice President Trani and others. We have some progress to be made.

"We are looking at four initiatives right now. We are looking at the publication of minimum competencies in math and English that need to be developed by university institutions and then clearly stated to elementary and secondary education. That gets at the whole question of remedial courses. What does the university expect? What math and English competencies clearly defined must young people bring as we present them to the university with our ACT scores, with our class rank, so that at some point in time, remedial education will not be a substantial portion of the university's program. That task force is working on the definition of those competencies. It is chaired by Bill Halloran of UW-Milwaukee and we are awaiting its results.

"The university complains to elementary and secondary education that every school's transcript is different--429 of them. They are hard to read and hard to understand; the nomenclature is different. We have a task force

trying to develop a uniform transcript. Hopefully within that transcript, we might do some innovative things like registering public service for young people as an additional benchmark as we appeal to the values and spirit of Wisconsin's youth.

"We have a joint UW/DPI working group that will study and recommend more effective ways to provide academically able high school students with advanced placement and college credit at System institutions. Regent Vice President Lyon spoke about that yesterday. Our advanced placement programs in our university system--their definition and their relationship to elementary and secondary schools--are catch as catch can. We need to institutionalize that and make sure that, in every high school and in every public university in the state, there is the opportunity for our bright and able students to earn advanced placement credits--maybe 10 or 12 credits by the time they get to the university--if they are able to do that.

"Finally, I am trying to promote--and I hope President Shaw and Vice President Trani are with me--using ACT results even more emphatically. Ultimately, competitiveness in the American education system is to release accurate and telling data in terms of how schools are doing--not to make us market-driven or deregulate us, but to get a better description of the environment in which one seeks to enroll in higher education.

"We are working to release the ACT results school district by school district for its college-bound, to tie that into class rank and then to tie that data into how well the young people have done in their freshman year at the university. We want to clearly understand the ACT results and expectations campus by campus and perhaps do some value-added prospectus in the university. Having said that, releasing these results to our school systems will not be pleasant in all instances. But, it will drive us and I believe it will drive the university if we can make a more clear and telling statement, using the test capability that we have, along with class rank and student performance in the university. Some of that is being done. We need to institutionalize it. By doing that, I believe that we will put more chutzpah in the system; we will literally raise the levels of attainment; and the university will be sensitive to some of the results as well. We are working on that, and I think that is all good karma and the right direction."

Regent Grover then presented a video on preparation for college. He credited Vice President Bornstein and WHA for major roles in making the video, which was largely financed by the university and had been distributed to every school in the state.

The video contained the following narration:

"Riding a bicycle and planning for college have a lot in common. In first gear, peddling is easy but you don't get very far. In a higher gear, you peddle harder and reach your destination sooner. It's the same in choosing your high school courses. You can choose courses that will let you coast or take those that will challenge you. Having a college degree has never been more important. A person with a college degree can expect to earn almost twice as much over a lifetime as someone with only a high school diploma.

President Shaw: "Money is far from the only reason to prepare for college. A college education can open up a world of interesting work and challenging experiences."

Superintendent Grover: "Planning for college can't wait until your senior year of high school. The time to begin planning to take the right high school courses is now."

Narrator: "High school courses required by the university are called college preparatory. To meet minimum admission requirements for University of Wisconsin campuses, you need to take the following college prep courses: four years of high school English, three years of social science, two years of mathematics (three years if planning to attend UW-Madison), and two years of natural science. You will also need five more credits in these areas or in foreign languages, computer science, fine arts, or other college prep courses. Remember, this is the minimum number of courses required for admission. By working closely with your school counselor, you may fit additional college prep courses into your schedule. But signing up for college prep courses is only the first step on the road to a college education. The others are getting good grades, taking the ACT test your junior year, and of course, graduating from high school.

"It's important to study hard because the grades you earn determine your rank in your graduating class. To be admitted to most universities in the UW System, you need to be in the top half of your graduating class. The higher your rank, the more likely you are to be admitted to the school of your choice.

"Most UW campuses have more qualified applicants than they have room for so meeting minimum requirements is not a guarantee of admission. You'll want to apply to schools other than your first choice to improve your chances of being admitted.

"The best place to start to prepare yourself is the office of your school counselor. Your counselor can help you plan the schedule of high school courses you will need. He or she can also help you choose a college, apply for admission, and find the best way for you to pay for your college education.

"Don't let worries about how to pay keep you from planning to attend college. More than one-third of all UW System students depend on some type of financial aid: grants, loans, and part-time work can all supplement family savings. Wisconsin is fortunate to have many excellent higher education institutions: 21 independent colleges and universities throughout the state; vocational, technical and adult education colleges statewide offering associate degrees or diplomas in technical fields ranging from agribusiness to welding, from printing to practical nursing; and, the University of Wisconsin System, with 13 universities throughout the state and 13 freshman/sophomore centers where students can complete the first two years of their college education close to home.

"Even if at this point you do not plan to attend college, taking college prep courses still makes sense. It keeps your options open should you change your mind later.

"So here's what you need to do. See your school counselor to make plans for the future. Talk over college plans with your family. Take college prep courses. Develop good study habits. Ask your school counselor for a copy of *Introduction to the UW System* which describes each campus and gives the admission requirements and financial aid information. Look into precollege programs offered by universities to get a taste of college



while still in high school. Plan to take the ACT test your junior year. Get from your school counselor the brochure *Gearing Up For College* which covers the points you just heard.

"Right now, getting into college may seem a long way off, but the future has a way of arriving before we expect it. Start planning now to make sure you reach the finish with flying colors."

Concluding his presentation, Regent Grover stated, "I think we are working closer than ever before around the salient issues and the interface that must take place in the institutional levels between elementary/secondary and post-secondary education."

Regent Dreyfus noted that the rank in class at graduation had always been considered the best predictor of college success and inquired as to whether Regent Grover was suggesting that more emphasis be placed on ACT results.

Regent Grover replied that a combination of indicators would be best, particularly in smaller districts. Those indicators should be combined with how students fared in their freshman year at the university. The project being worked on in cooperation with ACT also would have additional indicators.

Regent Dreyfus asked if there still was concern that the ACT had a majority culture bias.

Regent Grover replied that those concerns had been largely eradicated. The test is used as a barometer for the National Report Card of the Secretary of Education which has placed Wisconsin in the number-one position, with an average score of 20.1. While the ACT score is not the sole measure of the potential of college success, it is one of the barometers that can be combined with other measures to improve predictive accuracy. Also to be considered are the courses that have been taken in elementary and secondary education. There would be a total of 15 or 20 indicators, with the ACT being one of them.

Regent Schilling recalled a discussion at a meeting more than eight years ago between former Regent Fox and Regent Grover which set this entire process in motion. "I think it is a great testament to Bert Grover and his service as State Superintendent and to President Shaw and Gene Trani and the others who have worked on this. It was almost unbelievable that more of this didn't exist back then. In these past years, they have done a tremendous job in communicating with young people about college and how to get there."

*Hospital Council of Trustees - Report on activities & on open heart surgery of Regent Weinstein, pp 22-23*

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

Regent Flores, Chair of the Council of Trustees, reported that Regent and Council member Laurence Weinstein underwent successful open-heart surgery at UW-Hospital and Clinics several weeks previously. He was recuperating well and is participating in the hospital's cardiac rehabilitation program.

*Weinstein, Regent Laurence - Open heart surgery performed at UW Hospital, pp 22-23*

Superintendent Gordon Derzon provided the Council with an update on new facilities and technology at the hospital. The new University Station facility, which includes eleven specialty clinics, is now fully occupied and has been very well received by patients. A new lithotripter, a device that uses sound waves to treat both kidney stones and gallstones, was installed at the hospital in January and had been utilized successfully on seven patients. In addition to this new lithotripter, there also is the portable lithotripter, shared with other hospitals in the Madison area.

It also was reported that the consultant architects had completed design reports for two projects previously approved for the current biennium: the operating room/recovery room expansion, and the relocation and expansion of ambulatory surgery. The design reports would be submitted in the near future, with the anticipated start of construction later this spring.

Vice Chancellor Noren reported that the Policy, Management and Planning Committee appointed by Chancellor Shalala last April is expected to complete its report by fall. This is to include reports of four subcommittees addressing the specific issues of hospital long-range planning; governance and restructuring; space needs; and collaboration between CHS schools and the hospital.

The Council approved a motion in support of UW Children's Hospital's application for membership in the National Association for Children's Hospitals and Related Institutions.

A presentation was given by several members of the cardiology section about new developments in diagnosing and treating heart disease.

Mr. Derzon reported that the hospital's financial situation for the first half of the year had been positive, due to a slight increase in revenues, lower-than-anticipated deductions from revenue--primarily Medicare and Medicaid--as well as improved collections. He expressed concern that outpatient volume had stabilized for the first time in many years. This situation is to be monitored closely in the coming months.

New medical staff appointments were approved by the Council.

In response to a question by Regent Hanson, Regent Flores explained that for the last 15 years, outpatient volume had increased greatly due to changes in health care which made outpatient treatment much more prevalent. Given that trend, it was surprising that outpatient volume had leveled off. If the decrease continues, it would have serious revenue implications.

*VTAE - Report by VTAE President including analysis of technology transfer & approval of land lease for construction of new facility adjacent to UW Center - Marshfield/Wood County, PP 23-24*

Report of the President of the State Board of Vocational, Technical and Adult Education

Highlighting items from his written report, Regent DeLong noted that the VTAE System currently is involved in an evaluation of its role in technology transfer. President Schilling had made the helpful suggestion that this evaluation be coordinated with the UW System, so that the place of both systems in the technology transfer model could be seen. The university will be contacted to participate in evaluation of the model and how the VTAE System fits into the technology transfer process.

As a second item of interest, he reported that the VTAE System will have a center at Marshfield, which will be located adjacent to the UW Center-Marshfield/Wood County campus.

HEAB →  
~~Report on the January 19, 1990, meeting of the Higher Educational Aids Board~~ p. 24

Regent Schilling called attention to the written report of the Regent members of the Higher Educational Aids Board: Regent Doughty Luckhardt, Regent Nicholas and Regent Nikolay.

Legislature - Review of written report, pp 24-25  
Report on Legislative Matters

Referring to the written report on legislative matters, President Schilling called upon Vice President Bornstein for additional comments.

Vice President Bornstein provided an update on the status of Senate Bill 37, which would provide resident tuition for individuals relocated to Wisconsin for employment in the public sector, previous legislation having provided that benefit for persons relocating to Wisconsin for employment in the private sector. The last biennial budget contained a similar provision for individuals within the public sector, but that section was vetoed by the Governor. Members of both parties during this session had advanced the public sector counterpart once again. On January 23, it was passed by the Assembly. Having previously been passed by the Senate, it would soon be before the Governor. This legislation would apply not only to persons relocating for employment in the University of Wisconsin System, but in the Vocational, Technical and Adult Education System, the public schools, charitable organizations, and nonprofit health care facilities.

The Governor's statement at the time of veto was that granting resident tuition to individuals relocating to the state for private sector employment will spur economic development. It is the belief of advocates of the pending legislation that public sector employees also would spur economic development by becoming taxpayers, homeowners and consumers in the state. Vice President Bornstein asked Regents, Chancellors and others to advance this cause, which would, for example, help public schools in recruiting underrepresented citizens.

In response to a question by Regent Grover, Mr. Bornstein said the argument in support of resident tuition for people relocating for jobs in the private sector was that there is an advantage to the state to provide that incentive to people being sought by business and industry to relocate as full-time employees and full-time taxpayers, not just moving across state lines to gain nonresident tuition exemption, but having a legitimate job offer. The argument by proponents of SB 37 is that the same reasoning applies to individuals in the public sector, and they should be treated no differently.

Regent Gundersen commented that he considered the legislation an extremely important incentive.

Regent Dreyfus asked if the current chancellors' authority for a two percent out-of-state tuition waiver would not meet the need. This allowed for development of positive community-campus relationships.

Vice President Bornstein replied that in many cases, the two percent cap was limiting and not adequate to meet the need.

Regent Flores noted that the waiver provision might be used more frequently by influential people than by others. He thought a uniform policy would be preferable.

In response to a question by Regent Davis, Vice President Bornstein said there was bipartisan support for amendments to Assembly Bill 611 and the Senate counterpart which would provide faculty and staff of the university with the opportunity to serve on boards and to consult with the private sector. For officers and chancellors of the System, the amendment also includes board service as permissible for compensation but would not permit them to act as ongoing consultants to those organizations which are lobbying principals within the state. This was an adjustment which System Administration found acceptable, since corporate board service was the major issue.

Senate leaders expected that this legislation would be acted on promptly within the existing session or within the special session called by the Governor, which is concurrent.

Regent Vos inquired about funding of the sexual assault orientation program which would be required by AB 431.

In reply, President Shaw indicated that the institutions would be asked to find the funds within their budgets. He did not foresee a future funding request, since the amount required would not be large.

*Regents - Staff -*  
Report on the Executive Assistant Search, p. 25

Regent President Schilling reported that the Executive Committee met on January 16 to review candidates for the position of Executive Assistant to the Board. Several candidates were selected to be interviewed, and it was decided to schedule interviews for Saturday, February 17. Any Regents who wished to attend were invited to join the Executive Committee and participate in the interviews.

The Committee hoped to make a recommendation for the Executive Assistant position at the March Board meeting. President Schilling explained that, while it had been expected to have the appointment made at this meeting, Regent Weinstein had taken a very active role, as had other Regents, in evaluating resumes and writing samples, but his sudden illness had temporarily precluded his participation. The Committee wanted the benefit of his views and therefore decided to delay another month.

Regent Gundersen commented that he was impressed with the number of applications and with the superb qualifications of the 21 candidates that were presented to the Committee.

*Regents - Presentations*

**REPORT OF THE PRESIDENT OF THE SYSTEM (Continued)**

→ Presentation on Women's Athletics, pp 26-28

In introducing Judith Kruckman, Commissioner of the Wisconsin Women's Intercollegiate Athletic Conference, President Shaw thanked her for the prior day's luncheon for Regents and officials that had recognized the outstanding people involved in women's athletics.

Commissioner Kruckman stated that the following Thursday would be celebration of the fourth National Girls and Women in Sports Day, with the entire week serving as a celebration of their achievements and a rallying point on which to focus local, state and national attention to the continued challenges facing girls and women in sports.

*(X ref)*

*Athletics - Presentation to the Board on Women's Athletics, pp 26-28*

Providing background for this event, the Commissioner stated that the Wisconsin Women's Intercollegiate Athletic Conference, open to any institution with a women's sports program, was founded in 1971 with 12 schools as charter members, growing to 16 members by 1975. Passage of the Title IX portion of the Educational Amendments Act in 1972 provided an impetus to development of athletic programs for girls and women, resulting in increased staffing and dollar support and showing an improvement in women's programs on the various campuses, so that eventually schools were having to make decisions regarding national affiliations and whether or not to offer scholarships based on athletic ability.

Presently, the institutions can be members of the National Association Intercollegiate Athletics (NAIA), comprised primarily of small private schools, or of the National Collegiate Athletic Association (NCAA), Division III, which is a nonscholarship/no-financial-aid-based-on-athletic-ability division. Most are affiliated with both of those governing bodies.

The System conference offers championships in nine sports. Fall sports include tennis, which does well regionally but is dominated nationally by the southern schools. The WWIAC is one of the strongest cross-country conferences in the nation, consistently having placed several teams in the top five, with member schools having won three national titles in the last six years. UW-Whitewater, UW-Eau Claire and UW-Oshkosh have had the most successful volleyball teams.

Basketball is a winter sport which received two bids for post-season regional play when most other regions only had one team invited. UW-Stevens Point won a Division III national championship in 1987. In swimming, the conferences are powerhoused, with UW-Eau Claire winning two national championships in the 1980s and one in the 1970s and with several other conference schools placing in the top ten. There is not doubt that Wisconsin is the best Division III gymnastics state in the nation, with UW-La Crosse winning one national championship and UW-Oshkosh winning two national titles.

The spring sports are indoor/outdoor track which have produced top ten national finishes for many of the teams and many individual national championships. The softball teams also have fared well in regional competition, and states with better spring weather dominate national competition. In the last 15 years, the conference has won 14 national championships.

Being responsible for only nine of the comprehensive universities in the UW System, Commissioner Kruckman nevertheless showed a short slide montage of women's sports on every campus. Some of the facts were: Over 500 athletes have achieved All-American status compared with only two percent of all athletic participants becoming All-Americans nationally. In addition, at least 100 athletes also have become Academic All-Americans. To become an Academic All-American, an athlete must be a starter for the team and must achieve a 3.2 cumulative grade point average. The WWIAC Scholastic Honor Roll requires a GPA of 3.0 for an academic year which includes nearly 40 percent of all the participating athletes.

Sue Kortenkamp, a 1989 UW-Eau Claire graduate currently enrolled in business law at UW-Madison, was then introduced. Originally from Stevens Point, she maintained a 3.84 grade point average while participating in both women's cross country and track at UW-Eau Claire and was named to the Cross Country Academic All-American team in 1987 as well as collecting WWIAC and NAIA Scholar Athlete awards. A two-time recipient of UW-Eau Claire's Super Six Salute Award, which is the highest award given to student athletes at UW-Eau Claire to recognize the top three women and the top three men for the best combination of academic and athletic ability, her athletic accomplishments include being named 1987 Blu-Gold Most Valuable Player, being 1987 and 1988 1,000-meter WWIAC Indoor Champion, and becoming an NAIA All-American during the 1986 indoor season as a member of the Blu-Gold 32,000 meter relay team.

Stating that she ran competitive cross-country for eight years and track for 12 years, Ms. Kortenkamp said that she also played basketball for six years and was involved in volleyball, gymnastics, and softball. Following high school, she chose to stay in Wisconsin to pursue her collegiate career in track and cross-country at UW-Eau Claire, being drawn there because of its excellent mix of academics and athletics. The coaches and administrators seemed concerned about her as a person and interested in her success as a student as well as an athlete.

It wasn't until well into her college years that she had realized all the ways athletics affected her life. Competition in sports provided self-confidence and self-esteem and gave her leadership skills and the ability to deal with people. Athletics have helped more than hindered her academic studies, teaching her to value and budget time. Believing athletics to be one of the most powerful ways to bring people together, she said that the friends and memories she has had because of athletics mean more to her than any trophies, medals or ribbons.

She stated that the following quote from a local newspaper could refer to women's athletics as well as time: "Every morning you are handed 24 golden hours. They are one of the few things in this world you can get free of charge. If you had all the money in the world, you could not buy an extra hour. What will you do with this priceless treasure? Remember, you must use it; it is given only once. Once wasted, you cannot get it back." She explained that, "We are given the opportunity and it is up to us to use that opportunity wisely. I chose to spend a great deal of my golden hours involved in women's athletics, and the rewards have been priceless. Women all across this country have that choice too, because given the opportunity, females and sports are truly a winning combination."

Continuing the presentation, Commissioner Kruckman stated that, even though participation in women's intercollegiate sports has almost tripled in

the last two decades--from 32,000 athletes in 1971 to 92,000 in 1989--administrative and coaching opportunities have decreased drastically, with less than 50 percent of women's teams being coached by women compared to less than one percent of the men's teams being coached by a woman. In 1972, more than 90 percent of women's programs were headed by women athletic directors and currently only 16 percent are headed by women. Efforts to attain gender equity in athletic programs have slowed and fall short of compliance with Title IX regulations.

The System conference, in concert with the System Equal Opportunities in Education Office, has requested that an athletic equity study be conducted on each campus. The Commission thought that the studies would show the existence to some degree of inequities on each campus and that the recommendations for improvement would be expensive, especially in the areas of staffing and equipment. Taking money from the existing men's programs is not a recommended solution, she said, but the working environment for women coaches and administrators must be improved since too many good coaches and administrators are being lost. Removing barriers, reversing stereotypes and dispelling myths must be encouraged, since all humans who elect to participate in sports stand to gain the same benefits.

The Commissioner concluded by stating that there is no support for the idea that boys and men need or gain more from sports participation than do girls or women. The competitive sport experience may be one of the best learning laboratories in all of education when it is taught and coached properly, so that the potential for personal growth and development of each individual is maximized. We must not fail to provide for the full development of half of the population of the universities, whether through intent or insensitivity. While the stresses and strains on any athletic program will be many, the benefits of such a program demand full effort in the future. Whether we accept the responsibility to enact the philosophy of equality or wait for a court to dictate enactment of that philosophy is a choice we all have to make. We can make a significant difference if we choose to do so, and the difference can be made today rather than several tomorrows hence. It is indeed merely a matter of time, but it should be remembered that students have a limited amount of time, and to deny them an educational opportunity may affect them for a lifetime. She thanked the Board for support of women's athletics in the past and urged renewal of a commitment so the campuses will have the necessary resources to support the changes needed to be the best.

In reply to a question from Regent Davis, the Commissioner stated that the decline in administrative and coaching opportunities has been primarily a result of combining programs. "When programs have merged and athletic directors named, the athletic director is male."

President Schilling expressed the Board's appreciation for the enlightening presentation on women's athletics.

*VW - Milwaukee - Bldg + Rand -*

Status Report on Milwaukee Civic Center Project, pp 28-29

Referring to written materials he had sent to the Board on the deteriorating condition of the facilities, President Shaw outlined some options for review, with no action required at this time.

One option is to vacate the property and to move the program elsewhere. However, it is considered desirable to maintain a presence in downtown Milwaukee in order to manifest commitment to the needs there, and it would cost a great deal to acquire new property in that area.

A second option would be to stay at the present location, relocate the utilities and add to South Hall to accommodate the offices lost in North Hall. The problem would be that remodeling of South Hall to address heating, air conditioning, electrical and other needs would be more expensive than to start from scratch.

The third option, which continues to be explored, would be to see materialize a joint venture involving the state, city, county, MATC, and interested private businesses. It would involve construction of a new building, which might be bought or leased in part or in total. The building would be situated above the entrance to the freeway and might encompass a parking structure, a retail establishment, and other amenities. Moving the UW function into this building would allow vacation and razing of the presently owned UW property. The site then could be sold for development as an office building, which would complete the revitalization of the area.

In reply to a question by Regent Schilling, President Shaw noted that the currently occupied facility is on a two-acre site, is state-owned and houses extension programs. There is the North Building, the South Building, and a small parking lot. The North Building is of little use because of its dilapidated condition.

Regent Nicholas asked if any monies had been committed to the project.

While that stage had not yet been reached, President Shaw replied, a great deal of interest had been shown by the Mayor of Milwaukee and the Milwaukee County Executive in preliminary discussions. However, there was not yet a package that would bring all the parties together. While the university does not have the major role in furthering the project, it would play an enthusiastic part if interest in the development goes forward.

Regent Nicholas agreed that the university should play such a role and maintain its important presence in downtown Milwaukee.

*System - Officers -*

Retirement of Assistant Vice President Glenn Jensen, p. 29

President Shaw announced that Assistant Vice President Glenn Jensen would retire on February 28. "Glenn has been with us for 26 years. He has been involved in both catch-up calculations. He is Mr. Sincerity. He is Mr. Integrity. He has a stellar reputation not only as a person that we trust but he is trusted by all of state government. So, when Glenn speaks, we listen. As you can imagine, we are saddened by the fact that he is going to leave, but we are still going to listen to Glenn. I wanted to publicly acknowledge Glenn and the service that he has given."

*Jensen, Glenn - (same)*

Regent President Schilling expressed appreciation to Assistant Vice President Jensen on behalf of the Board of Regents.



REPORT OF THE EDUCATION COMMITTEE

Regent Grover, Chair of the Education Committee, presented the Committee's report.

Consent Agenda Items

Reporting unanimous Committee approval of Resolutions 5400-5402, Regent Grover moved their adoption by the Board of Regent as consent agenda items for action as a single unit. The motion was seconded by Regent Gundersen.

There being no Regent request to remove any of these resolutions from the consent agenda, the question was put, and Resolutions 5400-5402 were adopted unanimously.

*Authorizations to Recruit -*

Authorization to Recruit UW-Madison, Associate Professor or Professor, Department of Psychiatry, Medical School, R 5400, p. 30

Resolution 5400: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Chancellor be authorized to recruit for an Associate Professor or Professor, Department of Psychiatry, Medical School, University of Wisconsin-Madison, at a recommended salary range which exceeds the Executive Salary Group 6 maximum.

*Authorizations to Recruit -*

Authorization to Recruit UW-Madison, Associate Professor or Professor, Department of Anesthesiology, Medical School, R 5400, p. 30

Resolution 5401: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Chancellor be authorized to recruit for an Associate Professor or Professor, Department of Anesthesiology, Medical School, University of Wisconsin-Madison at a recommended salary range which exceeds the Executive Salary Group 6 maximum.

*Authorizations to Recruit -*

Authorization to Recruit UW-Madison, Associate Superintendent, Ambulatory and Professional Services, Center for Health Sciences, R 5400, p. 30

Resolution 5402: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Chancellor be authorized to recruit for an Associate Superintendent, Ambulatory and Professional Services, Center for Health Sciences, UW Hospital and Clinics Administration, University of Wisconsin-Madison, at a recommended salary range which exceeds the Executive Salary Group 6 maximum.

*(XUP) Hospital - (same)*

Issues Papers - First issues paper heard, on Enrollment Management, p. 31

Issues Paper: Enrollment Management

The Education Committee, with all Regents invited to participate, heard a presentation and then discussed the issues paper dealing with enrollment management--the first in a series of issues papers to be presented in the coming months.

President Shaw identified five factors to guide the next phase of enrollment management. In response to questions, he stated that, following presentation of the series of issues papers, the Board will be asked to make specific policy decisions.

Strategic Planning - Status report on teacher education due June or July, p. 31

Report of the Vice President

Vice President Trani reported to the Committee on the following items: The status of the report on strategic planning in teacher education which should be on the Regent agenda in June or July; the cooperative 2 + 2 engineering program jointly offered by UW-Green Bay and UW-Milwaukee; and possibilities of providing similar engineering education at UW-Stout and UW-Parkside.

Academic Programs

Initial Review of 4 New Program Authorizations

Regent Grover reported that the Committee conducted initial reviews of four new program authorizations: Ph.D. in Japanese, UW-Madison; M.S. in Conservation Biology and Sustainable Development, UW-Madison; M.P.H. in Community Health Education, UW-La Crosse; and B.A./B.S. in Women's Studies, UW-Whitewater.

(Xref) UW-LaCrosse - Initial review of MPH in Community Health Edn., p. 31  
(Xref) UW-Whitewater - Initial review of BA/BS in Women's Studies, p. 31

Faculty Development Retraining and Renewal Awards for 1990-91, p. 31

Faculty Development Retraining and Renewal Awards for 1990-91 were announced to the Education Committee.

Admissions

Report on Admissions Criteria and Exceptions, p. 31

Regent Grover reported that the Committee reviewed the annual report on admissions criteria and exceptions.

VTAE

Progress Report on VTAE Credit Transfer, p. 31

The Education Committee was presented with a progress report on VTAE credit transfer.

(Xref) Credits Transfer - (same)

Regent Policy - Review of  
Regent Copyright, Patent and Computer Software Policy, p. 32

Regent Grover reported on Committee review of current Regent policies concerning copyrights, patents and computer software. After lengthy discussion, the Committee concluded, "If it isn't broke, don't fix it."

Broadcasting -  
Report on Broadcast Stations, p. 32

Vice President Bornstein presented to the Education Committee a report on broadcast stations in order to provide the Regents with information and opportunity to ask questions concerning the Federal Communications Commission's renewal of broadcast licenses.

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**REPORT OF THE BUSINESS AND FINANCE COMMITTEE**

Regent Vattendahl, Vice Chair, presented the Committee's report.

**Closed Session**

The Committee met in closed session to consider trust fund matters, as permitted by s. 19.85(1)(e), *Wis. Stats.*

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**Consent Agenda Items**

Regent Vattendahl reported unanimous Committee approval of resolutions approving gifts and grants, and government contracts; revising the policy for auditing classes; and adopting timeliness guidelines for resolution of competition issues. He moved adoption of these resolutions as consent agenda items for action as a single unit, and the motion was seconded by Regent Vos.

Pursuant to Regent Gelatt's request, the audit policy matter was removed from the consent agenda.

The question was put on the remaining consent agenda items, Resolutions 5403 and 5404, and they were adopted unanimously.

**Gifts, Grants and Government Contracts**

Resolution 5403: 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.

Competition w/ Private Sector

Amendments to Regent Policy on Competition with the Private Sector

RS404,  
pp 32-33  
YES A

Resolution 5404: That, upon the recommendation of the President of the University of Wisconsin System, the Board of Regents adopts the attached amendments (EXHIBIT A) to the policy on competition with the private sector (Resolution 5153) in order to incorporate guidelines for timeliness in resolving competition issues.

X ref Regent - Policy - (same)

Regent - Policy - Review of  
Class Audit Policy, pp 33-37

It was moved by Regent Vattendahl and seconded by Regent Davis that the following resolution be adopted by the Board of Regents:

That, upon the recommendation of the President of the University of Wisconsin System, the following policy on the auditing of credit classes be approved:

Effective with the 1990 summer session, the academic fee charge for individuals who register for non-credit, audit-type attendance of credit classes shall be:

AGE 62 AND OLDER OR RECEIVING FEDERAL OLD AGE SURVIVORS AND DISABILITY INSURANCE BENEFITS (OASDI) UNDER 42 USC 401 TO 433

- A. No charge for Wisconsin residents
- B. Up to one half the resident tuition for nonresidents of Wisconsin

UNDER AGE 62

- A. One half the resident tuition for Wisconsin residents
- B. One half the non-resident tuition for nonresidents of Wisconsin

The ability to audit credit classes is subject to these understandings:

- a) that there be no additional classroom/laboratory space requirements or increased instructional costs resulting from the implementation of this policy;
- b) that the approval of the faculty member in charge of the class must be obtained by the auditor;

- c) that any special costs for course instruction other than normal tuition charges be assessed auditors availing themselves of this opportunity;
- d) that a student who opts to enroll on an auditor basis under this policy may not change to a credit basis during the term of enrollment;
- e) that students who later seek credit by university examination for a course that they have audited must be enrolled in the university at the time the examination is taken and are subject to appropriate tuition charge and special course fees;
- f) that the assessment of any portion of the university's segregated fee is at university option;
- g) that Regent, university and student government regulations applying to students apply equally to audit enrollees;
- h) that the universities may determine which credit classes are open to auditors under the terms of this policy;
- i) that for tuition assessment purposes classes taken for credit shall be considered before those for audit enrollment;
- j) that when the combination of degree and audit credits for undergraduate enrollment exceeds 11 and are below 19 credits, tuition is to be assessed until the full-time rate for the 12 through 18 credit plateau is reached. Audit credits beyond 18 credits are assessed tuition at the appropriate audit rate;
- k) that when the combination of degree and audit credits for graduate enrollment exceeds the full-time level, tuition is to be assessed until the full-time rate is reached;

and that Resolution 504, adopted June 8, 1973, and Resolution 3006, adopted March 3, 1984, are hereby rescinded.

This resolution is effective for the 1990 Summer Session and the 1990-91 Academic Year. The impact of the fee assessment will be analyzed and the results reported to the Board of Regents.

Regent Gelatt stated that he was opposed to this resolution because of his view that at a time when fiscal constraints require enrollment management, the education of those who choose to audit courses should not be

subsidized. The issue came to the Board, he noted, because of the increasingly large number of out-of-state auditors taking advantage of free summer classes at UW-Madison and recognition that these students should pay the cost of their education. Referring to the Board's policy that state residents pay approximately one third of instructional costs and that out-of-state students pay 106 percent of instructional costs, he stated that this proposal was not consistent with that Regent policy. Instead, it proposed subsidizing a particular class of students at the expense of the citizens of Wisconsin.

Explaining the rationale for the proposed policy, President Shaw noted that current policy permits auditing at no cost by senior citizens. What had occurred was that UW-Madison was increasingly viewed by out-of-state retirees as a good place to spend the summer. The proposed policy would allow UW-Madison to charge them for the courses they audited. These people, he emphasized, do not replace paying students and are allowed to audit only if there is space in a class. They do not write papers, nor do they take exams; they only attend lectures. Observing that it is difficult to assess the cost of this limited participation, he urged the Board to consider the proposal as an attempt to adjust to the situation which had arisen. If the result is found to be no added cost with slight additional income and some enhancement to the local economy, he thought the policy could be continued as long as it did not interfere with the university's primary mission and did not result in denying class space to credit earning students.

Regent Dreyfus inquired as to how auditors currently are admitted so that they do not take up spaces needed by other students.

President Shaw replied that auditors are not permitted entrance until registration is completed and, even then, they would not be admitted to a class with few openings which might be filled by credit-earning students during the add/drop period.

Regent Gelatt reminded the Board that issues of marginal space and marginal cost were discussed in the issue paper on enrollment management. It was the advice of the vice chancellors that special students, who often register under the same rules, be counted fully in the enrollment management plan. Therefore, he thought the System was being inconsistent in its interpretation of marginal cost between its treatment of enrollment management and the treatment of tuition in this case.

In response to a question by Regent Flores, President Shaw indicated that until the previous summer, the number of out-of-state auditors was so small that the issue had not arisen.

Regent Grover expressed concern about the equity of differential treatment of auditors over and under age 62. He inquired as to the impact of delaying action for a month to provide more opportunity for reflection.

In response to a question by Regent Gelatt, Chancellor Shalala advised that a decision for the coming summer session was needed at this time. The proposal would be to implement the new policy over a two- or three-year period, analyze its impact and then report to the Board. Noting that the problem primarily affects UW-Madison, she pointed out that other campuses probably would not implement a change since their out-of-state auditors mostly are Wisconsin residents who go to other parts of the country and then return. The group being attracted to UW-Madison has no particular Wisconsin

affiliation. She felt that these auditors should pay a fee but also should be welcomed as senior citizens who make contribution to the community and the area economy. Noting that this phenomenon also is occurring at other major university campuses across the country, she emphasized the need to assess carefully its impact.

President Shaw pointed out that, if action were delayed, the extant policy will remain in effect and permit auditors to get a much better deal than would the revised policy.

Regent Vos noted that the proposed policy would allow charging up to one half the resident tuition for nonresidents. He inquired as to how institutions would determine what portion of the one-half rate to charge.

President Shaw thought that none of the other campuses would charge out-of-state senior auditors since the numbers are small and generally are Wisconsin people returning to the state. UW-Madison would uniformly charge the one-half rate.

Regent Grover moved that the policy for auditors under age 62 also apply to those over age 62, so that the policy for all auditors would be one half the resident tuition for Wisconsin residents and one half the non-resident tuition for nonresidents. The motion was seconded by Regent Vos.

Stating his support for the amendment, Regent Lyon said that he also was concerned about the difference in treatment between those over and under age 62. In addition, he was concerned that current policy allows those financially able to live more than half a year in Florida or elsewhere to audit courses without fee while paying no Wisconsin taxes. The resolution had been amended in Committee to provide for a one-year review, which would allow the Board an early opportunity to evaluate the impact of the proposed amendment.

It was noted by Regent Davis that the proposed amendment would eliminate the flexibility for campuses to charge less than one half the tuition rate.

Regent Gelatt pointed out that chancellors do not have the freedom to reduce the tuition of other students.

Regent Dreyfus moved to amend the amendment by adding the term "up to" to paragraphs A. and B. in order to provide flexibility to the institutions in determining the tuition charge. The motion was seconded by Regent Gundersen.

Regent Hanson inquired as to the administrative difficulty that would be caused by the amendment. President Shaw replied that the difficulty would not be substantial because of the small number of people involved.

In response to a question by Regent Nicholas, President Shaw indicated that each campus, other than UW-Madison, has a small number of retired people who take advantage of the free audit privilege. Some may attend every class, while others attend sporadically.

On a tie roll-call vote, the amendment to the amendment was defeated, with Regents Clusen, Davis, Dreyfus, Flores, Gundersen, Hanson, Nikolay and Schilling voting "Aye" (8) and Regents DeLong, Doughty Luckhardt, Gelatt, Grover, Lyon, Nicholas, Vattendahl and Vos voting "No" (8).

The question then was put on the amendment offered by Regent Grover, and it was adopted on a voice vote.

Regent Flores stated that he would vote against the resolution as amended. If there were excess capacity in a classroom, he saw no reason why senior citizens who are Wisconsin residents and taxpayers should not be allowed to take advantage of that opportunity.

Regent Dreyfus felt that Regent Flores' point was well taken. In defeating the amendment to the amendment, the solution to UW-Madison's problem would be imposed on the entire System. He, therefore, intended to vote against the resolution as amended because he preferred the status quo to the change now proposed.

In reply to a question by Regent Grover, President Shaw indicated that regular students who wished to audit courses would pay half the tuition.

Regent Grover considered it unfair for those over 62 to receive a benefit unavailable to others. He viewed it as a question of equity.

Regent Hanson commented that many elderly people live only on social security and cannot afford tuition to audit courses.

Regent President Schilling noted that the nature of the question had changed from a slight revision in policy to a major revision. He suggested that it might be advisable to obtain additional facts before proceeding.

Regent Grover added that he would appreciate the opportunity to send to Regents materials he had read on this topic and on the equity he thought the university should display.

Regent Schilling asked Chancellor Shalala if it would cause a serious problem for UW-Madison if action were delayed until March.

In reply, Chancellor Shalala indicated that, if action were not taken at this time, the policy could not be implemented in time for the coming summer session. The proposed fee was set with knowledge of what other major campuses across the country had done in this situation. The Chancellors believed strongly, however, that the institutions should retain the option not to implement a fee if they did not perceive a problem on their campuses.

President Shaw recommended that the Regents not feel pressed to make a decision at this meeting. It was preferable, he felt, to keep the existing policy in effect for this summer rather than to force a quick decision on an issue about which there were deep philosophical differences.

Regent President Schilling asked for and received unanimous consent to defer the matter.



Executive Pay PlanExecutive Salary Options, RS405, pp 38-39

Continuing the report of the Business and Finance Committee, Regent Vattendahl summarized Committee review of executive salary options. As requested by the Board, President Shaw had identified alternative strategies for improving the competitiveness of salaries that the UW System is able to offer senior executives. With its adoption of the salary structure for senior executives in November 1989, the Board already had addressed both market and equity issues within the limited management flexibility it is granted under the Executive Salary Plan. But the rigid assignment of positions and other limits within the Plan prevents the Board from reaching its own targets for internal equity. The current Executive Salary Plan ranges, designed for conventional state government agencies, are not high enough to encompass the contemporary higher education market.

(Xref) Salaries - (same)  
Advantages and disadvantages of pursuing four alternatives were outlined in President Shaw's report.

The first option would remove all UW personnel from the state Executive Salary Plan and place them in a separate Regents' executive salary structure. This would be the most comprehensive solution and would allow the Board to address both equity and market issues outside the current constraints of the state Executive Salary Plan.

(Xref) Compensation - (same)  
Option two would provide the Board of Regents with the authority to set salaries of all UW personnel within the State Executive Salary Plan at any level, not to exceed ESG 10. Under this alternative, the Board could establish an internally consistent and equitable salary structure for all its senior and mid-level ESG administrators but could not address long-range market issues because of the retention of the ESG salary maximum.

Option three would provide Regents the same flexibility they now have for chancellors and most vice chancellors. Under this option, salaries for the remaining eight UW executive positions would be set in accordance with the Regent executive salary structure. This alternative would allow full implementation of the Regents' executive salary structure and address the most critical equity issues for eight highly competitive executive positions. The Board would be asking for the authority to set these salaries between range ESG 7 and 10 in the same manner the statutes now prescribe for most chancellor and vice chancellor positions. Under this approach, the limitations of specific ESG groups and the Governor's salary cap would be eliminated.

Option four would allow state Executive Salary Group compensation to be supplemented with private funds. This alternative has the potential of easing some long-term market pressures and could be designed in a variety of ways. It could be combined with other options as desired.

Any options that involve change in the Executive Salary Plan will require the passage of legislation by the Governor and Legislature. President Shaw recommended the adoption of Option 3 because, with the brevity of the Legislature's current floor period, it will allow the Board to correct remaining inequities in the UW System's executive salary structure as soon as possible. More comprehensive solutions will require more extensive study.

Reporting unanimous Committee approval of Resolution 5405, Regent Vattendahl moved its adoption by the Board of Regents. The motion was seconded by Regent Lyon and adopted, with Regent Nikolay voting "No."

Resolution 5405: That, upon recommendation of the President of the University of Wisconsin System, the following resolution be approved:

In order to be able to treat all university executive salary group personnel equitably in accordance with the Board of Regents executive salary structure, the Regents direct the President to prepare and pursue a legislative request on behalf of the Board of Regents that will permit the Regents to set all UW executive salaries at appropriate levels in accordance with the Regents' executive salary structure. While the Regents were given this authority for most UW executive positions, eight positions remain constrained by various limitations of the state executive salary plan and so cannot be treated equitably with other UW positions.

These positions include: executive vice president, vice president for academic affairs, vice chancellor at UW-Madison, vice chancellor at UW-Milwaukee, vice chancellor for health sciences at UW-Madison, vice president for university relations, vice president for business and finance, and vice president for physical planning.

The Board of Regents notes the urgent need to correct these inequities and pledges itself to take active steps to achieve an equitable and more competitive executive salary structure in 1990.

Informational Report on Pay Plan and Catch-up Distribution for 1989-90 pp 39-40

The Business and Finance Committee received an informational report from Executive Vice President Lyall on distribution of the 1989-90 unclassified pay plan and salary catch-up adjustments. The 1989-91 biennial budget provided for pay plan increases of 3.75 percent in 1989-90 and 4.25 percent in 1990-91. In addition, the budget provided for salary catch-up increases averaging 7.2 percent for faculty and 4.3 percent for academic staff phased in over the biennium, with the first 50 percent installment effective January 1, 1990. Guidelines for the distribution of both pay plan and catch-up adjustments were previously approved by the Board.

Selective distribution was made of catch-up funding. Twelve percent of the faculty and 42 percent of the academic staff received no catch-up. Pay plan funds were distributed more broadly. Three percent of the faculty and nine percent of the academic staff received no pay plan increase. The report included salary tables on distribution of pay plan and catch-up, both separately and combined, by one percent increments and \$500 increments.

System average salaries for the academic year basis appointments in 1989-90 are \$49,892 for full professors, \$37,332 for associate professors and \$33,044 for assistant professors. Information on average salaries at other institutions will not be available until the American Association of University Professors releases its annual report on salaries several months in the future. However, preliminary information indicated that increases at other institutions will average between five to seven percent in 1989-90. This means that the UW System salaries will not be caught up by 1990-91, given the annual pay plan increases of 3.75 percent and 4.25 percent. The Board of Regents' request for salary catch-up in this biennium was accompanied by a request for pay plan increases of six percent in each year.

Committee review of the report indicated that the Regent instructions not to distribute catch-up on an across-the-board basis had been followed.

*UW-Whitewater - Budget Fund*

Authority to Increase Student Contribution for Multipurpose Auditorium Construction at UW-Whitewater, R 5406, pp 40-42

Reporting on consideration by the Business and Finance Committee of a request for authority to increase the student contribution for construction of a multipurpose auditorium at UW-Whitewater, Regent Vattendahl stated that Chancellor Connor informed the Committee of a UW-Whitewater student vote last November to increase their share of program revenue support for the project from \$1,000,000 to \$1,500,000. This would help the institution raise the non-GPR funding required for the project and enable it to be submitted for approval by the Building Commission.

*(x ref) Students - (same)*

The Committee heard testimony from past president and past vice president of the UW-Whitewater Student Association in support of the increase. Jim Smith, President of United Council, spoke in opposition to the increase, based on the group's opposition to the principle that student funds be used in buildings that are utilized for educational purposes.

After discussion, the Committee voted unanimously to approve the increase.

*(x ref) Fees, Segregated - (same)*

It was moved by Regent Vattendahl and seconded by Regent Nicholas that the following resolution be adopted by the Board of Regents.

Resolution 5406: That, upon recommendation of the UW-Whitewater Chancellor and the President of the University of Wisconsin System, the University accept the results of the Student referendum that provides for an increase in the student contribution toward construction of the UW-Whitewater Multipurpose Auditorium of \$500,000, for a total student contribution of \$1,500,000 Program Revenue.

Stating his opposition to the resolution, Regent Vos commented that the end does not justify the means. In his view, the question was not the worthiness of the project, but whether or not students should have to pay another \$500,000 for it. Noting that students continue to be asked to put money into facilities that are not completely funded by the state, he said, the best way to send a clear message that the state has a responsibility to support educational buildings would be to vote against this request. Two

thirds of the UW-Whitewater Auditorium will be for academic purposes and one third for nonacademic purposes. Current policy allows funding the nonacademic portion with student fees and private money, which he felt opens the door to ask students for more and more fees. In the near future, he predicted, the Building Commission would mandate student fees for buildings entirely academic in purpose.

Referring to the student referendum which approved the proposed fee increase, Regent Dreyfus cautioned the Board against superceding that decision. He felt the Board should not deny UW-Whitewater students the opportunity to cooperate in this project on the basis of Regent concern about the broader policy issue.

Regent Hanson noted that 80 percent of those voting favored increasing the student contribution, but only ten percent of the student population voted. In addition, the students who voted for the increased contribution are not the ones who will essentially pay for it. Instead, payments would be made by other students for years in the future. She considered it a bad precedent for the Board to help the Building Commission avoid GPR funding for facilities. It is too easy, she commented, to tell students that they would not get the building unless they help to pay for it, when in fact GPR funding likely would be approved in a subsequent budget. Recalling that former Regent Fish had warned about the precedent being set by the student contribution to the UW-Stevens Point swimming pool, she said the time had come to put a stop to the trend.

- Vice President Lyon presiding -

President Schilling pointed out that the proposed funding split for this project is consistent with existing Regent policy. He therefore urged the Board to approve this project, but then, to revisit the whole policy in the abstract in order to decide whether the parameters for student contributions should be eliminated completely or greatly reduced.

In response to a question by Regent Hanson, President Schilling stated that the item would be on the agenda for the March or April meeting.

President Shaw noted that the November 1987 policy states that "student fees should not be required for projects for which there is a basic instructional need. Use of student fees would not be considered unless supported by a campuswide referendum or by the local campus student governing body. If there is some noninstructional use by students, the amount of student contribution should be proportionate to that use."

In response to a question by Regent Flores, Regent Vice President Lyon explained that the original request had been for \$6 million of GPR bonding, \$2 million in gifts, and \$1 million in student fees. The Building Commission only had authorized GPR bonding of \$3.5 million, and the effort was being made to make up the deficit with student fees and gifts. The additional \$500,000, he said, provides for about a \$5 per year addition over a 20-year payback period. UW-Whitewater's current segregated fees are \$131 per semester--the second highest among the campuses.

Regent Vos asked if, in approving the resolution, the Board would not in effect be endorsing the Building Commission decision to approve only \$3.5

million in GPR bonding. In addition, he was aware of other proposed projects that included a student contribution. While he agreed that the policy should be discussed in the abstract, he did not believe the Building Commission would be likely to agree with avoiding a student fee contribution if GPR bonding is limited.

Regent Lyon observed that the only way to have an effective policy is to predetermine the amount of a project to be funded by gifts and student fees, and then hold to that decision. If the requested GPR share is not approved by the Building Commission, the Board must be prepared to drop the project, instead of trying to make up the deficit. It would take a strong commitment, he emphasized, to adhere to such a policy. However, he thought that is the only kind of policy that will be effective.

Regent Nikolay did not believe that a current student vote should be allowed to obligate students many years in the future. While he considered the auditorium a very worthwhile project, he could not support the resolution because of his view that the taxpayers should fund needed university buildings.

While he agreed in large part with Regent Nikolay, Regent Schilling urged that UW-Whitewater, which had followed current policy, not be penalized on the basis of that objection. He supported changing the policy, but not at the expense of one group of students and one campus project.

At the request of Regent Vos, the Board heard a statement by Dave Richter, of the UW-Whitewater Student Association, who commented on the students' great interest in the Multipurpose Auditorium. They strongly supported the initial \$1 million contribution, and they obtained 2,000 student signatures in two days in support for reinstatement when the project was cut from the budget proposal. When asked if they would be willing to contribute another \$500,000, they supported doing so by 80 percent. Noting that it generally is difficult to maintain student interest in an issue, he emphasized that the continued student support is evidence of their strong commitment to this project.

Put to a roll-call vote, the resolution was adopted, with Regents Clusen, Davis, DeLong, Doughty Luckhardt, Dreyfus, Gelatt, Grover, Gundersen, Lyon, Nicholas, Schilling, and Vattendahl voting "Aye" (12) and Regents Flores, Hanson, Nikolay, Vos voting "No" (4):

Resolution 5406: That, upon recommendation of the UW-Whitewater Chancellor and the President of the University of Wisconsin System, the University accept the results of the Student referendum that provides for an increase in the student contribution toward construction of the UW-Whitewater Multipurpose Auditorium of \$500,000, for a total student contribution of \$1,500,000 Program Revenue.

Regent Vos thanked the students who came to the meeting for their efforts and asked that United Council be involved in the process of formulating the proposed new policy.

Audits - President Schilling presiding -

Quarterly Internal Audit Update, p. 43

Continuing the report of the Business and Finance Committee, Regent Vattendahl summarized the quarterly internal audit update presented by Internal Audit Director Brunkow. He reported that academic fee audits and capital equipment inventory system audits were under way at several institutions. Other audits currently were under way in the Family Practice Clinic and the Touchtone Registration System at UW-Madison, Housing and Food Service at UW-Stout and the Conference Centers at UW-Extension. Systemwide audits of data processing programmer utilization and of library acquisitions and automation also were in progress.

Among recently completed audits were those of the UW-Platteville Extended Degree Program, the UW-Superior Wessman Arena, a systemwide audit of fringe benefit administration, grant audits required by the Corporation for Public Broadcasting at UW-Milwaukee, UW-Madison, and UW-La Crosse, and audits of certain auxiliary enterprises at UW-Superior, UW-River Falls and UW-Stevens Point. No major problems were disclosed, but most of the audits included various recommendations to improve operations.

The U.S. Department of Education audit of Educational Opportunity Programs at UW-Whitewater resulted in a disallowance of \$28,434 which was reimbursed. The Department of Education audit of Educational Opportunity Centers at UW-Parkside resulted in a disallowance of \$139,049, which also had been reimbursed.

The Legislative Audit Bureau currently was performing federal financial aid audits at UW-Madison, UW-Green Bay, UW Centers, UW-Milwaukee, UW-Platteville, UW-La Crosse and UW-Superior.

The U.S. Department of Health and Human Services was conducting an audit of research grants at UW-Madison.

In discussion at the Board meeting, Vice President Poellnitz responded to a question by Regent Nicholas by explaining that the UW-Parkside audit concerned a program in which the university had agreed to perform a number of services for displaced individuals in local committees. The program was committed to serving about 1,000 people but was unable to serve that large a number. The Department of Education, therefore, requested the university to reimburse a portion of the monies received. UW-Parkside had since withdrawn the program.

In reply to questions by Regent DeLong, Vice President Poellnitz indicated that all the federal money received had been expended and that repayment was made by using funds that had been saved for other programs.

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

Regent Gundersen, Chair, presented the Committee's report.

Reporting that the Committee welcomed Regent Dreyfus to its membership, Regent Gundersen stated that the Committee is very pleased to have him as a new member, knowing that he will provide much insight to the Committee's deliberations because of the significant positions which he has held in the System and the state.

Consent Agenda Items

Regent Gundersen moved adoption by the Board of Regents of Resolutions 5407-5412, which were unanimously approved by the Committee, as consent agenda items for action as a single unit. The motion was seconded by Regent Nikolay. There being no Regent request to remove any items from the consent agenda, the question was put and resolutions 5407-5412 were adopted unanimously:

*UW Centers - Bldgs + Land -*

UW Center-Marquette Reversion of Property to Marinette County for Joint Use Swimming Pool, R 5407, p. 44

Resolution 5407: That, upon the recommendation of the UW Centers Chancellor and the President of the University of Wisconsin System, the following authority be granted:

*(X ref) UW Center - Marinette*

*(same - Regent at "Reversion of Property, etc.")*

- (a) Authority for the President or Vice President and Secretary or Assistant Secretary of the Board of Regents to execute a release of .336 acres of the 36-acre property currently leased from Marinette County as the site for the UW Center in Marinette, to permit construction of an indoor swimming pool facility as an addition to the existing fieldhouse.
- (b) Authority for the Chancellor to execute a facility agreement with Marinette County and the Greater Marinette and Menominee YMCA for joint use of the UWC-Marquette Field House and the YMCA swimming pool.

*UW Centers - Bldgs + Land -*

A detailed legal description of the parameters of the pool addition on the UWC-Marquette campus is included in the facility agreement.

UW Center-Fond du Lac: Approval to Develop 50-Acre Arboretum, R 5408, p. 44

Resolution 5408: That, upon the recommendation of the UW-Centers Chancellor and the President of the University of Wisconsin System, approval be granted for Fond du Lac County to develop a 50-acre Arboretum on the University of Wisconsin Center-Fond du Lac campus. No State funds will be used in the development of this Arboretum.

*X ref UW Center - Fond du Lac -  
Approval to Develop 50-acre  
Arboretum, R 5408,  
p. 44*

Bldgs & Land - Approval

UW-Madison: Roof Repair or Replacement, R5409, p.45

Resolution 5409: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to construct masonry and/or roof repairs on the following buildings:

(xref) Roof Problems - (same)

General Fund Supported Borrowing - Maintenance Funds	
a. Science Hall	\$1,540,000
b. Social Science Building	245,000
c. Humanities Building	157,000
d. Education Building	146,000
e. TOTAL:	<u>\$2,088,000</u>

UW-Madison: Deed Amendment Restrictions for Lot 2 of University Research Park, R5410, p.45

(xref) Research Park - (same)

Resolution 5410: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, approval is granted to amend the Declaration of Covenants, Conditions, and Restrictions for Certified Survey Map No. 4896 also known as University Research Park - Woodford Tract, to permit an increase in the floor area to land ratio allowed on Lot 2 from .35 to 1.0.

UW-Milwaukee: Repair to Klotsche Building, R5411, p.45

Resolution 5411: That, upon the recommendation of the UW-Milwaukee Chancellor and the President of the University of Wisconsin System, the Design Report be approved and authority grant to construct the Klotsche Center Exterior Preformed Metal Wall Panel and Roof Replacement project on the campus at UW-Milwaukee, for an estimated total project cost of \$495,000 of General Fund Supported Borrowing - Maintenance funds.

Approval of Minor Projects

Resolution 5412: That, upon the recommendation of the UW Centers, UW-Eau Claire, UW-Green Bay, UW-La Crosse, UW-Milwaukee, UW-Stevens Point, UW-Stout Chancellors and the President of the University of Wisconsin System, authority be granted to construct the following minor projects, at the costs and from the funding sources indicated and summarized as follow:

General Fund Supported Borrowing -	
(1) Minor Project Allocation	\$ 736,020
(2) Maintenance Funds	183,000
(3) Road Maintenance	6,500
Agency Operating Funds	24,180
Program Revenues	<u>174,000</u>
Total	\$1,123,700

UW-Milwaukee - Bldgs & Land



UW Center - Bldg & Land  
*(ref) UW Center - Marinette County*

*at*  
UW Center - Marinette County, R 5413, p 46  
Authority to Purchase Movable Equipment, \$28,000,  
General Fund Supported Borrowing - Minor Projects.

*(same, but drop "at UW Center Marinette")*

UW-Eau Claire - Bldg & Land  
*Approval of*

UW-Eau Claire  
North Campus Parking Lot Improvement, ~~\$35,000,~~  
~~Program Revenue - Parking~~  
Simpson Field Improvements, ~~\$58,900 (\$34,720~~  
~~General Fund Supported Borrowing - Minor Projects~~  
and ~~\$24,180 Agency Operating Funds)~~ *and* *RS413, p. 46*

UW-Green Bay - Bldg & Land - Approval of

Wood Hall Remodeling, \$212,800, General Fund Supported Borrowing - Minor Projects *RS412, p. 46*

UW-La Crosse - Bldg & Land - Approval of

Equipment Storage Building, \$239,600, General Fund Supported Borrowing - Minor Projects *RS412, p. 46*

UW-Milwaukee - Bldg & Land - Approval of

Bolton Hall Precast Concrete Repair and Maintenance, \$183,000, General Fund Supported Borrowing - Maintenance *RS412, p. 46*

UW-Stevens Point - Bldg & Land - Approval of

Six Parking Lots Repair, \$145,500 (\$139,000 Program Revenues and \$6,500 General Fund Supported Borrowing - Road Maintenance) *RS412, p. 46*

UW-Stout - Bldg & Land - Approval of

Administration Building Second Floor Remodeling, \$220,900, General Fund Supported Borrowing - Minor Projects *RS413, p. 46*

Bldg & Land  
*(arrow pointing to UW-Madison section)*

UW-Madison: Approval of Land Exchange and Lease/Purchase Agreement, involving property at 630 W. Mifflin St., R 5413, pp 46-48

The Physical Planning and Development Committee unanimously approved a land exchange and lease/purchase agreement for UW-Madison and adjustment of the campus boundary to include the acreage involved in the transaction, which would make UW-Madison the eventual owner of a large warehouse unit located in an area adjacent to the campus at 630 West Mifflin Street. This would allow the consolidation of several individual storage areas in various locations scattered across the campus.

*(ref) Mifflin St., 630 W. - (same, but leave off last part re. Mifflin St. & add: "was consolidation of storage")*

Because the campus does not have the funds to cover the full buy-out cost and because there was no statutory enumeration which would allow its purchase, a two-step approach had been arranged with the owner of the West Mifflin Street property, to exchange the value of the university land for an equal value of the West Mifflin Street property and to take out a lease/purchase contract for the balance.

The 4.22 acre West Mifflin Street parcel had been appraised at \$2,457,200, while the 5.06 acres of land owned by the university at six

locations in Madison had been valued at \$1,435,050—a difference of \$1,022,150. The university would trade its property for ownership of 2.64 acres of the West Mifflin Street property, which is improved with two storage buildings with about 33,000 gross square feet of space. The remaining 1.58 acres of West Mifflin Street land, which are improved with a 48,657 gross square foot office/warehouse building, would be acquired under a lease/purchase agreement, with the earliest buy-out cost being \$1,022,150.

However, exercising this buy-out option will require enumeration in a future authorized building program. There is a provision to exercise the purchase option any time after the first 24 months of the lease and at decreasing costs at two-year periods thereafter over the 20-year lease term, at which time the purchase price would be zero.

Because it is more cost effective, it is the campus' desire to exercise the option as soon as it is legally permissible. It is expected that this acquisition will be included in the UW-Madison's 1991-93 Capital Budget request.

Upon motion by Regent Gundersen, seconded by Regent Vos, the following resolution was adopted unanimously by the Board of Regents:

Resolution 5413: That, upon the recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, authority be granted to:

- (A) exchange 5.06 acres of improved University-owned land at six locations in Madison (valued at a minimum of \$1,435,050) for the following interests in approximately 4.22 acres of land located at 630 West Mifflin Street (valued at \$2,457,200):
- (1) ownership of approximately 2.64 acres of land, improved with two storage buildings (32,782 gross square feet total building space).
  - (2) lease/purchase of approximately 1.58 acres, improved with an office/warehouse building (48,657 GSF). The present owner will undertake approximately \$300,000 worth of improvements to meet the needs of the University. The cost of the lease/purchase agreement is \$1,022,150, which represents the difference between the \$1,453,050 value of University properties, and the \$2,457,200 value of the 630 West Mifflin Street site. This reflects an assumed acquisition price of \$2,093,200, \$300,000 worth of improvements to be completed by the seller prior to University occupancy, and \$64,000 representing two months of seller's holding costs during the remodeling period. The lease/purchase agreement would extend over a 20-year period. Purchase could occur at any

time after the first twenty-four months of the lease. The purchase price of \$1,022,150 is in effect until July 1, 1995. On that date, and on each succeeding two-year period, the purchase price decreases. Annual payments during the first two years of the agreement would be \$143,102, based on 14% of the purchase price. Rental costs would escalate 4% per year beginning on July 1, 1993. There are no relocation costs.

(B) Adjust the campus boundary to include the 4.22 acres located at 630 West Mifflin Street

*add to Land*  
UW-Superior Approval of Land Exchange with Wisconsin Indianhead Technical College, Campus Boundary Change, and Authority to Construct a Parking Lot, R 5414, pp 48-50

Reporting unanimous Committee approval of Resolution 5414, Regent Gundersen explained that, in this transaction, three acres of university-owned land will be exchanged for four acres of land on the campus owned by the Wisconsin Indianhead Technical College. *(Xref) VTAE - (same, but add "with UW-Superior")*

When the VTAE District located its facilities on the campus in 1975, the agreement provided for the VTAE District to be able to exercise an option to purchase these three acres whenever there was a programmatic need for expansion of its facilities. This need has now occurred and an addition will be constructed to accommodate the cosmetology program.

The four-acre parcel being received from the technical college will be used to develop physical education fields, replacing those lost through the transfer of the three acres of university property and to rebuild a 172-space parking lot.

Another part of this transaction will involve transferring to the City of Superior approximately 19 acres of undeveloped university land, valued at \$114,000, which the city wants to use for future residential development.

The campus does not have funds for the physical education field development, so the city will provide \$114,000 of in-kind services in the form of athletic field development and site work in the area which will be obtained from the technical college. After the grading is completed, part of the site will be developed into a parking lot using program revenue funds.

It was necessary to develop this trade of lands and an in-kind-services mechanism in lieu of a cash sale because cash receipts from land sales go to the state's general fund and do not accrue to the use of the university. This approach allows the university to keep the value of the property sale.

Also requested was an adjustment to the campus boundary to reflect these land transactions. There would be no relocation costs associated with any of this activity.

The Committee was fully supportive of all elements of this transaction and felt it would be mutually beneficial to the university, the City of Superior and the technical college.

After discussion, Regent Dreyfus expressed concern that there did not appear to be adequate assurance within the proposed resolution that all parties to the proposal would be bound to proceed, which could result in the total package not being brought to completion. Therefore, the resolution was revised to incorporate a contingency statement which would require the development of a formal agreement between the three parties. The purpose of this agreement would be to assure that each met its portion of the commitment on a simultaneous basis.

Adoption by the Board of Regents of the following resolution was moved by Regent Gundersen, seconded by Regent Dreyfus and carried unanimously:

Resolution 5414: That, upon the recommendation of the UW-Superior Chancellor and the President of the University of Wisconsin System, approval be granted to undertake the described actions. This approval is contingent upon development of an acceptable three-party agreement between the University, the Wisconsin Indianhead Technical College (WITC), and the City of Superior. This agreement would assure that all participants fulfill their portion of the following commitments on a simultaneous basis so that all elements as herein described are completed in a timely fashion:

- (1) to convey a 3.0-acre parcel of University of Wisconsin - Superior property (Parcel A on the attached map), located immediately north of the six-acre WITC campus, bounded by Mortorelli Memorial Drive and Catlin Avenue, for a 4.0-acre WITC parcel (Parcel B on the attached map), located north of the Gates Physical Education building, fronting on Mortorelli Memorial Drive; and
- (2) to convey to the City of Superior approximately 19 acres of undeveloped University of Wisconsin - Superior property (Parcel C on the attached map), bounded by North 23rd Street, Cumming Avenue, North 28th Street and the future extension of Lamborn Avenue. The average of two appraisals value this property at \$114,000. In consideration, the City of Superior will undertake approximately \$114,000 worth of site construction/development work north of the Gates Physical Education facility.
- (3) to adjust the campus boundary to reflect these transactions. All three parcels are within the existing boundary. Parcels A (3 acres) and C (19 acres) will be removed from the boundary, for a net decrease of 22 acres.

- (4) to construct a 172-car parking lot at an estimated total project cost of \$138,000 of Program Revenues - Parking.

Relocation costs will not be required.  
Appraisals and environmental audits associated with these exchanges will be paid by the campus.

(Maps referred to in the resolution are on file with the papers of the meeting.)

Names of Buildings -

→ Approval of New Policy Relating to Naming of Facilities, R 5415, pp 50-51

The Physical Planning and Development Committee reviewed a resolution brought forward as the result of discussion at the December meeting, which suggested that the Board might wish to further clarify and refine its policy on naming facilities after persons. The proposed new policy would rescind and replace the Board's two policies relating to namings.

(X ref) Regent - Policy - (same)  
The new policy would require that all namings or dedications of any portions of a university to honor a living person be brought to the Physical Planning and Development Committee and the full Board for closed session consideration at least 30 days prior to requesting formal approval.

(X ref) Buildings - (same)  
At present, the chancellors have the authority to name areas such as rooms, wings, and other interior portions of buildings as well as outside areas such as recreational fields and athletic complexes, after a 30-day advance notice to the Physical Planning and Development Committee. The proposed new policy provides for a normal five-year waiting period for namings or dedications to honor living persons who have had a formal association with the System or who have held a paid public office. There is a provision for an exception to this waiting period if the offer of a gift stipulates the naming.

The resolution also incorporates the Board of Regents' sentiment that it prefers naming programs, scholarships and chairs, rather than facilities, after individuals.

After thorough discussion, the Committee unanimously approved Resolution 5415.

Upon motion by Regent Gundersen, seconded by Regent Nikolay, the following resolution was adopted by the Board of Regents, with Regents Delong and Gelatt voting "No" (2):

Resolution 5415: That, upon the recommendation of the President of the University of Wisconsin System, Resolution 674 (Regent Policy 74-1) relating to naming portions of university facilities and Resolutions 2112 and 5205 (Regent Policy 80-1-Revised) relating to naming or dedicating university facilities be rescinded and the following new policy be adopted:

It is the preference of the Board to commemorate the contributions of individuals to academic excellence through the naming or dedication of scholarships, programs, professorships and other similar actions. However, the Board recognizes that from time to time there may be a desire to name or dedicate some facilities or portions of a university's buildings or grounds after a person. On those occasions, every such request must be presented to the Board for formal approval. These requests are to be brought to the Physical Planning and Development Committee and the full Board of Regents for discussion in closed session at least one month prior to requesting formal Regent action.

If the request involves a living individual who has been formally associated with the University of Wisconsin System, or has held a paid public office, a waiting period is required unless a situation is presented where a gift stipulates the naming. Normally, at least five years must have elapsed from the time a person who has been formally associated with the University of Wisconsin System, or has held a paid public office, has terminated that association or left the paid public office.

Report of the Vice President

*UW-Stevens Pt. - Bldgs & Land*

Informational Report on

UW-Stevens Point Treehaven Field Station, p. 51

Regent Gundersen reported that the Committee heard a presentation on completion of a construction project providing an additional 4,300 gross square feet of space at the UW-Stevens Point Treehaven Field Station. Assistant Chancellor Greg Diemer introduced Mr. Hiram Krebs, the campus engineer, who had been involved with the design and had overseen completion of the Treehaven Development from its inception.

Noting that the Committee was shown a number of photographs which illustrated the project, Regent Gundersen remarked that the university should be very proud to have available such an outstanding facility.

*Athletics - Discussion on*

Sharing Capital Cost of Central Utility Systems, pp 51-52

Vice President Brown advised the Committee that at its January 24 meeting, the Building Commission had formally addressed the matter of program revenue-sharing in the capital costs of central utility systems.

*(Xref) Budget - (same)*

At the December Regent meeting, there had been some uncertainty as to whether such cost sharing would be required. The Building Commission now had passed a motion directing the System to create a policy providing for program revenue-sharing of utility system capital costs, but not to include any segregated fee, as a means of generating that revenue. This means that the costs will have to be user related, which primarily will impact the

housing and food service rates. Representatives of the United Council of UW Student Governments appeared at the Building Commission meeting and stated their support for this motion.

The policy considered in December by the Physical Planning and Development Committee would leave the decision of how to raise the funds with each chancellor. This Building Commission action somewhat restricted the chancellors' options, but would not change the substance of the proposed policy.

Regent Dreyfus raised the concern that, by its action, the State Building Commission had made a decision which is clearly within the statutory authority of the Board of Regents. He felt the Regents should be sensitive to this fact so that it does not, inadvertently, set a course for future directives from the Commission in areas where it has no statutory authority.

The Committee heard statements from Robb McGinnis, representing the United Council of Student Governments, and from Regent Vos regarding the significance to System students of the action taken by the Commission.

It was concluded that an opportunity should be provided for additional reaction, with concurrence that the policy issue should be brought back to the March meeting for action.

In discussion at the Board meeting, Regent Vos expressed disappointment that System Administration had been unable to persuade the Building Commission to accept the Regent policy that utility maintenance should be fully GPR funded. He inquired as to the extent of lobbying efforts and the reason they were not successful.

President Shaw replied that there were individual visits with members of the Building Commission and that he personally talked with the Governor about the matter. However, they were not persuaded by the university's position that the relatively small amount of money involved is not worth the problems it would cause to require program revenue funding. The effort had been as aggressive as possible in trying to be sure that the parties involved understood the consequences of the proposed policy. He still was not certain it is clearly understood that, although use of segregated fees are prohibited, the money still has to be raised from students.

Regent Vos noted that members of the Building Commission with whom he had met expressed the feeling that they felt a large portion of the cost could be found through efficiencies.

President Shaw pointed out that if efficiencies are possible, then fees should be lowered. Any way it is viewed, the additional program revenue funding requirement is still a tax on students. It is now being defined as a tax on students that will not come from segregated fees.

Bldgs + Land -

Regent Gundersen's Meeting with DOA Secretary Klauser

supervision of projects, p. 53

Regent Gundersen reported to the Committee on his meeting with Department of Administration Secretary Klauser earlier this month, which was also attended by Vice President Brown and the Acting Administrator of the Division of State Facilities Management.

(ref)

Gundersen, Regent - (same)

This was a very positive session, which led Regent Gundersen to believe there may be an opportunity for the System to achieve some delegation of projects which now are under the direct supervision of the Division of State Facilities Management. His emphasis in discussing with Mr. Klauser the need for changes in the present procedure was that it seemed probable that there would be cost savings which would be attributable to a streamlining of the process.

Regent Gundersen also pointed out that delegation to the university to manage even minor projects would allow Facilities Management staff more time for major project supervision. The end result of this effort should be better constructed facilities with fewer maintenance problems.

After discussing various approaches which might be pursued, it was agreed that Vice President Brown and his staff would develop a formal proposal for a specific pilot project which would be undertaken at a selected System university. The Division of Facilities Management would be involved in development of the proposal, which will be presented to Regents for consideration at a future meeting.

In discussion at the Board meeting, Regent President Schilling expressed the hope that the Physical Planning and Development Committee would press on with the work that Regent Gundersen had started, in the effort to devise more efficient mechanisms for facility approval and construction.

Closed Session

The Committee recessed into closed session for the purpose of negotiating the purchase of property for the University of Wisconsin-Madison, as permitted by section 19.85(1)(e), Wis. Stats.

Bldgs + Land - Discussion of offer of

Spring Green Area Property, pp 53-54

Regent Davis referred to news reports concerning lack of decision by UW-Madison about accepting a gift of 2,500 acres in the Spring Green area. He asked if there was awareness of the potential loss of that property if action is not taken expeditiously.

Confirming that no final decision had been made, Chancellor Shalala explained that the offer included the stipulations that the university could never sell the property and that it would be used for certain purposes. The university is considering carefully whether the stipulations are appropriate. Secondly, it is necessary to determine if there is available funding which should be expended for maintenance of the property. A decision as to whether or not the gift should be accepted will be made by the April 15 deadline.



Regent Davis asked if any attempt had been made, given the magnitude of this parcel and its desirable location, to investigate possible support from the System.

Chancellor Shalala replied that the College of Agriculture had submitted proposals as part of the budget process, but none had been approved, due to higher priority placed on other projects. Nevertheless, the proposed gift is a generous offer, which will be considered very carefully, including the possibility of raising some private money for ongoing maintenance.

*Hanson, Louis*

COMMUNICATIONS, PETITIONS AND MEMORIALS

*Camilla*  
 → Memorial to Louis Hanson, husband of Regent Hanson, p. 54

Regent Hanson made the following statement: "I have received so many letters, cards and phone calls from all of you since Louis died on the 27th of December. I have tried to reach personally all of you who sent me notes, to thank you. I cannot tell you what it has meant to me that you have all been so supportive.

*(xref) Hanson*  
 "A lot of what we have thought about since Louie died is what part in our lives he played and what a difference in our lives he made--in me and in my three sons. I think the fact that we are a close family and we all live up in the North together means we can contribute to Louie's influence on our lives.

"I received from Warren Knowles a quotation that I would like to read as a memorial to Louie: 'In one sense, there is no death. The life of a soul on earth lasts beyond his departure. You always feel that life touching yours, that voice speaking to you, that spirit looking out of other eyes, talking to you in familiar things he touched, worked with, loved as familiar friends. He lives on in your life and in the lives of all others that knew him.' I thank all of you who were so nice to my Louie."

At 1:15 p.m., the following resolution, moved by Regent Lyon and seconded by Regent Nikolay, was unanimously adopted on a roll call vote, with Regents Davis, DeLong, Doughty Luckhardt, Dreyfus, Gelatt, Grover, Hanson, Lyon, Nicholas, Nikolay, Schilling, Vattendahl and Vos voting "Aye" (13), and no Regents voting "No."

Resolution 5416: That the Board of Regents recess into closed session to consider personnel matters, including appointment of Deans at UW Center-Richland and UW Center-Washington County, and compensation adjustments for senior administrators, as permitted by s. 19.85(1)(c), *Wis. Stats.*; for the purpose of negotiating the purchase of property for UW-Madison,

as permitted by s. 19.85(1)(e), Wis. Stats.; for preliminary review of an honorary degree at UW-Green Bay and possible action on honorary degrees at UW-Milwaukee, 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 2:05 p.m. and made the following announcements:

*✓ Bldg & Land ->*

Negotiation for Property Purchase, UW Madison for School of Business, R 5417, p. 55

Resolution 5417: Resolved, that it is determined necessary to acquire the following described real estate:

Lot Three (3), Block Two (2), University Addition to the City of Madison, Dane County, Wisconsin

*Business School - (same)*

for the purpose of erecting thereon a School of Business facility. The Board of Regents of the University of Wisconsin System intends, in good faith, to use the described real estate for the purpose of locating and erecting thereon a School of Business facility.

It is further resolved that if the described real estate cannot be acquired by negotiation, the Attorney General is requested to commence and pursue condemnation action to acquire the said real estate.

*UW Centers - Staff ->*

Appointment of Dean, UW Center-Richland, R 5418, p. 55  
*W Dion Kempthorne as*

Resolution 5418: That, upon recommendation of the Chancellor of the University of Wisconsin Centers and the President of the University of Wisconsin System, Dion Kempthorne be appointed Dean of the University of Wisconsin Center-Richland, effective June 1, 1990, at an annual salary of \$55,000.

*UW Center - Richland -*

*Appointment of Dean Dion Kempthorne, R 5418, p. 55 as of 6/1/90*

*Kempthorne, Dion - Appointed Dean, UW Center-Richland, effective 6/1/90, R 5418, p. 55*

UW Centers - Staff -  
Joel M. Rodney as

Appointment of Dean, UW Center-Washington County, R 5419, p. 56

Resolution 5419: That, upon recommendation of the Chancellor of the University of Wisconsin Centers and the President of the University of Wisconsin System, Joel M. Rodney be appointed Dean of the University of Wisconsin Center-Washington County and also Associate Professor of History with tenure, effective June 1, 1990, at an annual salary of \$55,000.

(Xref) UW Center-Washington County -  
(same) add' assy 6/1/90

(Xref) Rodney, Joel M. -  
(same)

Salaries -

Authorization to Offer Salary in Excess of Group 6 Maximum

for Director of Primate Research Center, R 5420, p. 56

The following resolution was approved in closed session of the Board of Regents on September 8, 1989, and was not reported until this time, pending campus receipt of acceptance from the nominee:

Resolution 5420: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Chancellor of the University of Wisconsin-Madison be authorized to offer a salary in the range of A\$80,000 to A\$115,000 for a Director of the Primate Research Center and Professor of Physiology.

Xref Primate Research Center -  
(same)

The meeting was adjourned at 2:05 p.m.

Judith A. Temby  
Judith A. Temby  
Secretary

March 2, 1990

0178X

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

1. NATIONAL COUNCIL OF SCIENTIFIC AND TECHNOLOGICAL  
DEVELOPMENT  
BRASILIA, BRAZIL  
BRAZIL HUMAN RESOURCES DEVELOPMENT TRAINING  
PROGRAM FOR THE PERIOD 01-01-89 THRU 12-31-93  
AT A \$2,000,000 LEVEL OF SUPPORT  
MSN ENGR INTERNAT'L ENGR BRAZIL CNQ (133-N528) 1,750,000.00
2. UNITED STATES ASSOCIATION FOR SMALL BUSINESS  
AND ENTREPRENEURSHIP  
MADISON, WI  
ADMINISTRATIVE SUPPORT FOR THE SMALL BUSINESS  
DEVELOPMENT CENTER  
MSN BUS MANAGMENT INSTIT SM BUS DVL (133-Q115) 1,763.14
3. WISCONSIN CROP IMPROVEMENT ASSOCIATION  
MADISON, WI  
SUPPORT CROP EVALUATION  
MSN AG&LSC AGRONOMY (133-8685) 40,000.00

GIFT-IN-KIND

1. MARTIN HANSON  
MELLEN, WI  
APPROXIMATELY 25 ACRES OF LAND WITH IMPROVEMENTS,  
AS AN ADDITION TO UW MADISON ARBORETUM'S 956 ACRE  
ANN CARROLL HANSON FOREST.  
MSN GRAD ARBORETUM
2. MR. JOHN DILLON  
MADISON, WI  
10 BOOKS  
MSN LIBR GEN OPERATIONS LIB ACQSTN
3. INTEL CORP.  
HILLSBORO, OR  
INTER INBOARD 386PC UPGRADE COMPUTER BOARDS  
MSN ENGR ENGR MECHANICS
4. MENDOTA GRIDIRON CLUB  
MADISON, WI  
AUDIO SYSTEM: SONY AMPLIFIER, TEAL CD PLAYER,  
SANSUI SPEAKERS  
MSN ATH GENERAL OPERATNS ADMIN
5. PCB PIEZOTRONICS, INC.  
DEPEW, NY  
IMPULSE HAMMER KIT  
MSN ENGR MECHANICAL ENGR
6. UNIVERSITY RADIOLOGY ASSOCIATES  
MADISON, WI  
IMAGING SYSTEM USING VIDEO, SLIDE AND X-RAY  
FILM PROJECTION  
MSN HS-MED RADIOLOGY DIAGNOSTIC

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

UNIVERSITY OF WISCONSIN - MADISON

## GIFT-IN-KIND

7. U.W. FOUNDATION  
MADISON, WI  
MULTIVIX LILLEHAMMER EXAMINATION TABLE  
MSN HS-MED RADIOLOGY DIAGNOSTIC

## INSTRUCTION

1. UW SYSTEM ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
ELEMENTS OF BIOLOGICAL VARIATION, CONTINUITY AND  
DEVELOPMENT: A MODEL FOR SCIENCE EDUCATION AT THE  
ELEMENTARY SCHOOL LEVEL - DWIGHT D. EISENHOWER  
MATHEMATICS AND SCIENCE EDUCATION ACT (TITLE II)  
(\$35,000)  
FOR THE PERIOD 10-01-89 THROUGH 12-31-90  
AWARD # AGR DTD 12/1/89  
MSN HS-MED GENET CLIN PROG (144-BJ82)
2. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS PHS HRSA  
AMELIORATION OF HEALTH PROBLEMS OF CHILDREN  
WITH PARENTS WITH MENTAL RETARDATION  
FOR THE PERIOD 03-15-88 THROUGH 09-30-90  
AT A TOTAL COST OF \$196,315.00  
AWARD # P.O. #FDHE 0547, MOD. 5  
MSN GRAD WAISMAN CENTER (144-AF51) 90,030.00
3. SHERING CORPORATION  
BLOOMFIELD, NJ  
INSTRUCTION AND TRAINING OF HOUSE STAFF PHYSICIANS  
AT THE UNIVERSITY OF WISCONSIN MEDICAL CENTER  
MSN HS-MED MEDICINE INFECT DIS (133-C433) 500.00
4. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
GM FACULTY PROFESSIONAL DEVELOPMENT GRANT  
MSN ENGR OPERATIONS (133-K197) 8,000.00

## LIBRARIES

1. FIRST WISCONSIN - MADISON  
KAY, DR. HARRY M. ESTATE  
MADISON, WI  
KAY, DR. HARRY M.--LIBRARY FUND  
MSN HS-ADM LIBRARY ( TRUST ) 48,883.00
2. SALALM (SEMINAR ON THE ACQUISITION OF LATIN  
AMERICAN LIBRARY MATERIAL)  
MADISON, WI  
SALARY SUPPORT FOR ASSISTANT TO EXECUTIVE  
SECRETARY OF SALALM  
MSN LIBR GEN OPERATIONS SUPP & EQ (133-E072) 3,500.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

UNIVERSITY OF WISCONSIN - MADISON

## LIBRARIES

- |    |  |           |
|----|--|-----------|
| 3. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>PURCHASE OF LIBRARY MATERIALS AND SUPPLIES<br>MSN LIBR GEN OPERATIONS LIB ACQSTN (133-F543) | 2,598.00  |
| 4. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>DISCRETIONARY ACCOUNT FOR ENGINEERING PUBLICATIONS<br>MSN ENGR PUBLICATIONS OFF (133-H271)  | 37,000.00 |

## MISCELLANEOUS

- |    |  |           |
|----|--|-----------|
| 1. | CONTINENTAL BANK<br>SCHULTE, HELEN D. TRUST<br>CHICAGO, IL<br>SCHULTE, HELEN DENNE--LOAN FUND<br>MSN HS-NUR ( TRUST )  | 11,537.42 |
| 2. | MULTIPLE DONORS<br>ROBERTS, FANNIE ATWOOD--AGRICULTURE<br>MSN AG&LSC PLANT PATHOLOGY POTATO-GEN ( TRUST )  | 250.00    |
| 3. | CRAY RESEARCH FOUNDATION<br>MINNEAPOLIS, MN<br>COMPUTER SCIENCES DEPARTMENT FELLOWSHIP #2<br>MSN L&S COMPUTER SCI ( TRUST )  | 5,000.00  |
| 4. | CALGENE, INC. \$1000.00<br>DAVIS, CA<br>AGRIGENETICS CORPORATION 1000.00<br>EASTLAKE, OH<br>DEVELOPMENT AND USE OF MOLECULAR MARKERS<br>IN BRASSICA<br>MSN AG&LSC AGRONOMY ( TRUST ) | 2,000.00  |
| 5. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>HISTORY DEPARTMENT--UNDERGRADUATE AWARDS<br>& PRIZES FUND<br>MSN L&S HISTORY ( TRUST )  | 315.87    |
| 6. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>CURTI, MERLE-ENDOWED CHAIR IN HISTORY<br>MSN L&S HISTORY ( TRUST )  | 100.00    |
| 7. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>CURTI, MERLE-GRADUATE LECTURER FUND<br>MSN L&S HISTORY ( TRUST )  | 300.00    |
| 8. | BONNIN, CHRISTIAN H.<br>SHAWANO, WI<br>BASCOM HALL FUND<br>MSN G E A ( TRUST )   | 10,000.00 |

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

9. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
HISTORY DEPARTMENT--GRADUATE FELLOWSHIP AND  
PRIZES FUND  
MSN L&S HISTORY ( TRUST ) 6,004.24
10. KELAB, INC.  
MADISON, WI  
HILLDALE FUND  
MSN G E A UNIVERSITY ADMIN CHANCELLOR ( TRUST ) 295,000.00
11. UNIVERSITY OF WISCONSIN FOUNDATION  
BOMBA, STEVEN JAMES  
MADISON, WI  
BARSCHALL, H.H.--LECTURE FUND IN THE DEPARTMENT  
OF PHYSICS  
MSN L&S PHYSICS ( TRUST ) 50.00
12. RICHARDS, H. T.--LECTURE FUND IN THE DEPARTMENT  
OF PHYSICS  
MSN L&S PHYSICS ( TRUST )
- 100.00 UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
50.00 UNIVERSITY OF WISCONSIN FOUNDATION  
BOMBA, STEVEN JAMES  
MADISON, WI
- 150.00
13. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
INSTITUTE FOR SUPPORTED EMPLOYMENT  
FOR THE PERIOD 09-23-89 THROUGH 09-22-90  
AWARD # FEJ37811PO  
MSN EDUC CONTIN & VOC ED (144-BG63) 166,387.00
14. DOD, ARMY  
VICKSBURG, MS  
INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT  
FOR THE PERIOD 11-14-88 THROUGH 11-13-90  
AT A TOTAL COST OF \$73,714.20  
AWARD # AGR DTD 11-11-88, MOD. 1  
MSN AG&LSC PLANT PATHOLOGY (144-AR94) 37,459.00
15. NASA, AMES RESEARCH CENTER  
MOFFETT FIELD, CA  
OPERATION AND MAINTENANCE OF A SQUIRREL MONKEY  
COLONY TO BREED NASA FLIGHT QUALITY  
MALE SQUIRREL MONKEYS  
FOR THE PERIOD 12-13-88 THROUGH 10-31-89  
AT A TOTAL COST OF \$196,200.00  
AWARD # NAS2-12939, MOD. 1  
MSN L&S PSYCHOLOGY PRIMATE LB (144-AT26) 36,000.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

16.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI PRIME CONTRACTOR WITH NEH BLACK HISTORY-A GLOBAL AFFAIR FOR THE PERIOD 12-01-89 THROUGH 03-15-90 AWARD # FY89-50L MSN OUTRCH LIBERAL STUDIES	(144-BJ81)	775.00
17.	UNIVERSITY PEDIATRIC ASSOCIATES MADISON, WI DEPARTMENT OF PEDIATRICS CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-A528)	63,436.07
18.	ELSEVIER NORTH-HOLLAND INC. NEW YORK, NY DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS	(133-A751)	681.66
19.	CENTER FOR PUBLIC REPRESENTATION, INC. MADISON, WI DEFRAY CONSULTANT, PROJECT ASSISTANT AND XEROXING COSTS AT THE CENTER FOR PUBLIC REPRESENTATION MSN LAW LAW SCHOOL	(133-B156)	519.08
20.	FOUNDATION OF DAIRY AND FOOD INDUSTRIES SUPPLY ASSOCIATION ROCKVILLE, MD COLLEGIATE DAIRY PRODUCTS JUDGING TEAM SUPPORT MSN AG&LSC FOOD SCIENCE	(133-B181)	1,000.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HERBARIUM EXPENSES MSN L&S BOTANY	(133-B291)	3,000.00
22.	MECHANICAL ENGINEERING DISCRETIONARY ACCOUNT MSN ENGR MECHANICAL ENGR	(133-B430)	
	250.00 MULTIPLE DONORS 2,900.00 AMOCO FOUNDATION, INC. CHICAGO, IL		3,150.00
23.	UNIVERSITY RADIATION ONCOLOGY ASSOCIATES MADISON, WI CLERICAL PERSONNEL SUPPORT MSN HS-MED HUMAN ONCOLOGY RAD THERAP	(133-C796)	25,000.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MINING ENGINEERING UNRESTRICTED GRANT MSN ENGR MAT SCI & ENGR	(133-C917)	1,000.00



GIFTS, GRANTS AND CONTRACTS  
 JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

25.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL MOTORS DISCRETIONARY ACCOUNT FOR COLLEGE OF ENGINEERING MSN ENGR OPERATIONS (133-D136)	3,650.00
26.	MULTIPLE DONORS BURN UNIT STAFF DEVELOPMENT FUND - NURSING MSN HS-HSP ADMINISTRATION ADMIN (133-D350)	1,256.35
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF SLAVIC LANGUAGES CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S SLAVIC LANGUAGES (133-D437)	1,000.00
28.	UNIVERSITY CLUB MADISON, WI DEFRAY PORTION OF SALARY OF UNIVERSITY CLUB FACILITIES COORDINATOR MSN UNION GENERAL (133-D503)	5,300.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTS OUTREACH MSN ODEL P SV-ARTS (133-D560)	849.38
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND INSTRUCTION IN THE COMPUTER SCIENCES DEPARTMENT MSN L&S COMPUTER SCI (133-D865)	5,000.00
31.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI CLERICAL SUPPORT IN THE DEPARTMENT OF PSYCHIATRY MSN HS-MED PSYCHIATRY (133-D957)	27,650.00
32.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY (133-E647)	4,620.67
33.	UNIVERSITY ONCOLOGY ASSOCIATES MADISON, WI SUPPORT ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED HUMAN ONCOLOGY (133-E649)	5,000.00
34.	MULTIPLE DONORS LYLE WHITEHEAD MEMORIAL FUND MSN HS-HSP ADMINISTRATION ADMIN (133-E774)	1,700.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

35.	MULTIPLE DONORS DEPARTMENT OF CURRICULUM AND INSTRUCTION DISCRETIONARY ACCOUNT MSN EDUC CURRIC & INSTR (133-F147)	175.00
36.	FRIENDS OF UNIVERSITY HOSPITALS & CLINICS MADISON, WI PROVIDE TEMPORARY HOUSING FOR PATIENTS AND THEIR FAMILIES MSN HS-HSP ADMINISTRATION ADMIN (133-G047)	3,755.75
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIRECTOR'S DISCRETIONARY FUND MSN L&S ELVJM MUSEUM ART (133-G348)	5,154.47
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLITICAL SCIENCE DISCRETIONARY FUND MSN L&S POLITICAL SCI (133-G572)	964.56
39.	MULTIPLE DONORS DISCRETIONARY FOR USE OF PHYSIOLOGISTS IN BOTANY MSN L&S BOTANY (133-G608)	262.50
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING PROGRAM SUPPORT MSN ENGR OPERATIONS (133-G622)	6,000.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WCCC/DHO PUBLIC AWARENESS PROGRAM MSN HS-MED HUMAN ONCOLOGY (133-G744)	6,000.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY FUND MSN L&S METEOROLOGY (133-G869)	1,500.00
43.	MULTIPLE DONORS UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-G952)	200.00
44.	WISCONSIN STATE JOURNAL MADISON, WI MEDICATIONS FOR PEDIATRIC PATIENTS MSN HS-HSP ADMINISTRATION ADMIN (133-H974)	1,000.00
45.	KOHLER COMPANY KOHLER, WI DEAN'S DISCRETIONARY ACCOUNT - ACCOUNTING MSN BUS SCH OF BUSINESS (133-J186)	2,000.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - PLACEMENT MSN BUS SCH OF BUSINESS (133-J189)	1,000.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR ENGINEERING PLACEMENT OFFICE MSN ENGR CAREER P&P	(133-J393)	16,500.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR DEPARTMENT OF BOTANY MSN L&S BOTANY	(133-J710)	1,575.00
49.	MULTIPLE DONORS UNRESTRICTED GRANT FOR THE INSTITUTE FOR CHEMICAL EDUCATION MSN L&S CHEMISTRY	(133-J716)	2,700.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR CIVIL AND ENVIRONMENTAL ENGINEERING MSN ENGR CIVIL & ENV ENGR	(133-J718)	12,000.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CLINICAL GENETICS PROGRAM DISCRETIONARY FUND MSN HS-MED GENET CLIN PROG	(133-J734)	2,500.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NUCLEAR ENGINEERING MSN ENGR NUC ENGR&E PHYSIC	(133-J756)	14,000.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT MSN ENGR OPERATIONS	(133-J771)	75,000.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KICKHAEFER GIFT FUND MSN L&S SCHOOL OF MUSIC	(133-J819)	2,500.00
55.	NESTLE INFANT FORMULA AUDIT COMMISSION WASHINGTON, DC CONTINUING MEDICAL EDUCATION MSN HS-MED PEDIATRICS	(133-J859)	1,000.00
56.	AMERICAN ECONOMIC ASSOCIATION PRINCETON, NJ COSTS OF EDITING "AMERICAN ECONOMIC REVIEW" MSN L&S INST-RES ON POV	(133-K129)	9,114.47
57.	MULTIPLE DONORS UNRESTRICTED FUND IN PEDIATRICS MSN HS-HSP ADMINISTRATION ADMIN	(133-K273)	9,100.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

58.	MULTIPLE DONORS REHABILITATION CENTER DISCRETIONARY FUND MSN HS-HSP ADMINISTRATION ADMIN (133-K543)	25.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BIODYNAMICS LABORATORY EQUIPMENT AND SUPPLY FUND MSN EDUC PHYS ED & DANCE BIODYN LAB (133-K748)	1,000.00
60.	MULTIPLE DONORS WISCONSIN STUDENT PLANNING ASSOCIATION - LIBRARY FUND MSN L&S URBAN & REG PLAN (133-K866)	10.00
61.	MULTIPLE DONORS AIDS EDUCATION MSN HS-UHS HEALTH SVC-BBC (133-K995)	68.00
62.	MULTIPLE DONORS MED FLIGHT SPECIAL PROGRAM NEEDS MSN HS-HSP ADMINISTRATION ADMIN (133-L094)	15.00
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF MUSIC SPECIAL PROJECTS FUND MSN L&S SCHOOL OF MUSIC (133-L549)	1,000.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY DEVELOPMENT FUND MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-M193)	13,260.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONE-TIME DEPARTMENTAL REQUESTS MSN HS-MED (133-M565)	1,000.00
66.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SUPPORT MSN HS-MED PSYCHIATRY (133-M651)	23,574.19
67.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI PARENT INFANT SALARIES/EXPENSES MSN HS-PSY PSYCHIATRIC INST (133-M731)	2,410.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT IN THE SCHOOL OF SOCIAL WORK MSN L&S SOCIAL WORK (133-M732)	500.00
69.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI MOVEMENT DISORDERS CLINIC OPERATING ACCOUNT MSN HS-MED NEUROLOGY (133-M860)	11,643.78

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## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI URBAN AND REGIONAL PLANNING STUDENT ACTIVITIES ACCOUNT MSN L&S URBAN & REG PLAN	(133-N411)	5,134.36
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT SALARIES MSN HS-MED	(133-N666)	100,000.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR ONE-TIME DEPARTMENTAL REQUESTS MSN HS-MED	(133-N669)	5,000.00
73.	COMMONS, (JOHN R.) CLUB MADISON, WI DEPARTMENT OF ECONOMICS JOHN R. COMMONS CLUB MSN L&S ECONOMICS	(133-N911)	2,052.50
74.	BOEHRINGER INGELHEIM RIDGEFIELD, CT CARDIOLOGY EDUCATION FUND MSN HS-MED MEDICINE CARDIOLOGY	(133-N976)	1,000.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRADUATE FELLOWSHIPS AND PRIZES ACCOUNT MSN L&S HISTORY	(133-P272)	33.51
76.	MULTIPLE DONORS NATHAN S. BLOUNT MEMORIAL COLLECTION AWARD MSN EDUC INSTR MATER CTR	(133-P276)	100.00
77.	AMERICAN BAR FOUNDATION CHICAGO, IL ABF-INSTITUTE SUMMER WORKSHOP MSN LAW LAW SCHOOL	(133-P528)	31,704.00
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF JOURNALISM AND MASS COMMUNICATION DISCRETIONARY ACCOUNT MSN L&S JOURN & MASS COM	(133-Q096)	10,000.00
79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-Q114)	13,548.83
80.	MULTIPLE DONORS POST POLIO UNIT DISCRETIONARY ACCOUNT MSN HS-HSP ADMINISTRATION ADMIN	(133-Q117)	593.00

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## MISCELLANEOUS

81.	COUNCIL FOR CULTURAL PLANNING AND DEVELOPMENT TAIPEI, TAIWAN TRANSLATION OF SSU-MA CH' IEN'S SHIH-CHI MSN L&S E ASIAN LANG&LIT (133-Q134)	43,334.00
82.	SOCIETY OF ACTUARIES SCHAUMBURG, IL CHAIRMAN DISCRETIONARY FUND MSN L&S STATISTICS (133-Q140)	1,500.00
83.	FOUNDRY EDUCATIONAL FOUNDATION DES PLAINES, IL GRANT TO BE USED AT THE DISCRETION OF THE KEY PROFESSOR IN THE FEF PROGRAM MSN ENGR MAT SCI & ENGR (133-3017)	1,000.00
84.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS (133-5984)	
	50.00 MULTIPLE DONORS	
	1,500.00 PRUDENTIAL FOUNDATION NEWARK, NJ	
	125.00 MULTIPLE DONORS	
	1,600.00 MULTIPLE DONORS	
	150.00 MULTIPLE DONORS	
	1,000.00 MULTIPLE DONORS	
		4,425.00
85.	MULTIPLE DONORS UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY RAD THERAP (133-6225)	380.00
86.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COLLEGE OF ENGINEERING DEAN'S DISCRETIONARY FUND MSN ENGR OPERATIONS (133-6370)	50,000.00
87.	MUELLER (THERESA CATHERINE) SCHOLARSHIP TRUST MADISON, WI AWARD TO STUDENT (S) AS WINNER (S) IN CONTEST FOR EXCELLENCE IN WRITING SHORT STORIES, ONE-ACT PLAYS OR BOTH AS DETERMINED BY UNIVERSITY OF WISCONSIN ENGLISH DEPARTMENT FACULTY MSN L&S ENGLISH (133-7449)	939.49
88.	MOBIL OIL CORPORATION DENVER, CO DEPARTMENT OF GEOLOGY & GEOPHYSICS CHAIRMAN'S DISCRETIONARY GRANT FOR CHARITABLE, EDUCATIONAL OR SCIENTIFIC PURPOSES MSN L&S GEOL & GEOPHYSICS (133-8797)	3,000.00
89.	APPLE COMPUTER, INC. ROLLING MEADOWS, IL SCHOOL OF JOURNALISM AND MASS COMMUNICATION DISCRETIONARY ACCOUNT MSN L&S JOURN & MASS COM (133-9465)	2,000.00

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UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

90. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
WISCONSIN REGIONAL PRIMATE CENTER DIRECTOR'S  
DISCRETIONARY GRANT  
MSN GRAD PRIMATE RES CTR (133-9599) 7,500.00

## PHYSICAL PLANT

1. HOUSING AND URBAN DEVELOPMENT, DEPT OF  
WASHINGTON, DC  
INTEREST SUBSIDY GRANT FOR UNION SOUTH  
AWARD # CH WIS 132(S)  
MSN 58,340.00

## RESEARCH

1. HUGHES (HOWARD) MEDICAL INSTITUTE  
RESEARCH LABORATORIES  
LOS ANGELES, CA  
MATERIAL TRANSFER AGREEMENT  
MSN HS-MED ONCOLOGY

2. HUTCHINSON (FRED) CANCER RESEARCH CENTER  
SEATTLE, WA  
MATERIAL TRANSFER AGREEMENT  
MSN HS-MED PHYSIOLOG CHEM

3. HOUSTON BIOTECHNOLOGY INCORPORATED  
THE WOODLANDS, TX  
PURCHASE SERVICE AGREEMENT  
MSN VET M VMTH-OPHTH

4. SQUIBB INSTITUTE FOR MEDICAL RESEARCH  
PRINCETON, NJ  
MATERIAL TRANSFER AGREEMENT  
MSN HS-PHR PHARMACY

5. COSTA RICA (NATIONAL UNIVERSITY OF)  
HEREDIA, COSTA RICA  
SPECIFIC WORKING AGREEMENT WITHIN THE  
FRAMEWORK OF THE AGREEMENT OF COOPERATION  
MSN AG&LSC VETERINARY SCI

6. EARNINGS ON MISC. INVESTMENTS  
PHANEUF, DUANE--MEDICAL RESEARCH  
MSN HS-MED ( TRUST ) 37.21

7. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
FORESTRY DEPARTMENT  
MSN AG&LSC N RSRCS-FORESTRY ( TRUST ) 5,000.00

8. MCARDLE LABORATORY FOR CANCER RESEARCH--  
DISCRETIONARY FUND  
MSN HS-MED ONCOLOGY ( TRUST )

500.00 MULTIPLE DONORS  
1,090.00 BARABOO UNITED FUND, INC.  
BARABOO, WI  
610.00 MULTIPLE DONORS

2,200.00

GIFTS, GRANTS AND CONTRACTS  
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RESEARCH

- |     |  |              |           |
|-----|--|--------------|-----------|
| 9.  | MULTIPLE DONORS<br>WISCONSIN CLINICAL CANCER CENTER--RESEARCH<br>MSN HS-MED CANCER CTR   | ( TRUST )    | 350.00    |
| 10. | AGRICULTURE, DEPT OF<br>MADISON, WI<br>TOWARD AUTOMATION OF STATEWIDE LAND COVER<br>MAPPING USING REMOTE SENSING TECHNIQUES<br>FOR THE PERIOD 07-01-89 THROUGH 09-30-90<br>AT A TOTAL COST OF \$106,000.00<br>AWARD # 695F48963, MOD. 1<br>MSN ENV ST ENV REMOT SENS'G ENV REMOT     | ( 144-BE07 ) | 58,000.00 |
| 11. | AGRICULTURE, DEPT OF<br>WASHINGTON, DC<br>SOCIAL SCIENCE RESEARCH SERVING RURAL AMERICA<br>FOR THE PERIOD 10-01-89 THROUGH 09-30-90<br>AWARD # 12-15-76-2-35<br>MSN AG&LSC RURAL SOCIOLOGY   | ( 144-BJ70 ) | 15,000.00 |
| 12. | MICHIGAN STATE UNIVERSITY<br>EAST LANSING, MI<br>PRIME CONTRACTOR WITH AGRIC<br>EVALUATION OF INSECTICIDES ON MINOR CROP USE<br>(PROJECT CANCELLED BY MUTUAL AGREEMENT)<br>FOR THE PERIOD 04-08-87 THROUGH 06-30-88<br>AWARD # P.O. # 39632-6<br>MSN AG&LSC ENTOMOLOGY               | ( 144-Z639 ) | 1,000.00- |
| 13. | UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER<br>HOUSTON, TX<br>PRIME CONTRACTOR WITH AGRIC<br>SYNTHETIC DEOXYOLIGONUCLEOTIDE-DIRECTED ANALYSIS<br>OF GENE CONTROL IN PHOTOSYNTHESIS<br>FOR THE PERIOD 09-15-89 THROUGH 09-30-90<br>AWARD # SUB 89-37262-4937<br>MSN AG&LSC BACTERIOLOGY | ( 144-BJ61 ) | 18,000.00 |
| 14. | EGYPTIAN CULTURAL & EDUCATIONAL BUREAU<br>WASHINGTON, DC<br>PRIME CONTRACTOR WITH AID<br>PEACE FELLOWSHIP<br>FOR THE PERIOD 08-20-89 THROUGH 01-19-90<br>AWARD # PF# 3560<br>MSN ENGR ENGR EXPER STA INTL ENGRG  | ( 144-BJ92 ) | 500.00    |
| 15. | EGYPTIAN CULTURAL & EDUCATIONAL BUREAU<br>WASHINGTON, DC<br>PRIME CONTRACTOR WITH AID<br>PEACE FELLOWSHIP<br>FOR THE PERIOD 10-01-89 THROUGH 03-03-91<br>AWARD # PF# 3161<br>MSN ENGR ENGR EXPER STA INTL ENGRG  | ( 144-BJ97 ) | 5,500.00  |
| 16. | COMMERCE, DEPT OF<br>GAITHERSBURG, MD<br>STUDIES IN PRECISION ENGINEERING<br>FOR THE PERIOD 10-01-86 THROUGH 09-30-90<br>AT A TOTAL COST OF \$326,870.00<br>AWARD # 60NANB7D0700, MOD. 5<br>MSN ENGR MECHANICAL ENGR   | ( 144-Y672 ) | 79,080.00 |



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## RESEARCH

17. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM  
ROCKVILLE, MD  
COOPERATIVE INSTITUTE FOR METEOROLOGICAL  
SATELLITE STUDIES (CIMSS)  
FOR THE PERIOD 02-01-86 THROUGH 11-30-90  
AT A TOTAL COST OF \$1,231,175.00  
AWARD # NA86AA-H-A1036, MOD. 8  
MSN GRAD SPACE SCI&ENG CT (144-X679) 240,382.00
18. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
VOCATIONAL EQUITY RESOURCE AND TECHNICAL  
ASSISTANCE CENTER  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # ACTIVITY #20-901-150-150  
MSN EDUC WIS VOC STU CTR W VOC ST C (144-BA34) 63,000.00
19. SOCIETY OF TEACHERS OF FAMILY MEDICINE  
KANSAS CITY, MO  
PRIME CONTRACTOR WITH DHHS PHS HRSA  
SOCIETY OF TEACHERS OF FAMILY MEDICINE SUBSTANCE  
ABUSE  
FOR THE PERIOD 09-29-89 THROUGH 03-31-91  
AWARD # 240-89-003A  
MSN HS-MED FAM MED & PRACT RESRCH DIV (144-BJ62) 33,872.00
20. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) RADIATION IN VITRO - MAMMARY NEOPLASIA  
FOR THE PERIOD 12-01-88 THROUGH 11-30-90  
AT A TOTAL COST OF \$462,586.00  
AWARD # 5 R37 CA13881-18, MOD. 1  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-AR63) 231,039.00
- 2) BIOCATALYTIC SYSTEMS IN ORGANIC SYNTHESIS  
FOR THE PERIOD 12-01-88 THROUGH 11-30-90  
AT A TOTAL COST OF \$264,302.00  
AWARD # 5 R01 GM33149-10, MOD. 1  
MSN HS-PHR PHARMACY (144-AS92) 126,527.00
- 3) CHILDREN'S CANCER STUDY GROUP  
FOR THE PERIOD 12-01-89 THROUGH 11-30-90  
AWARD # 5 U10 CA05436-24  
MSN HS-MED PEDIATRICS (144-BJ63) 96,758.00
- 4) STRUCTURAL ANALYSIS OF LIPOPOLYSACCHARIDES AND  
LIPID A  
FOR THE PERIOD 12-01-89 THROUGH 11-30-90  
AWARD # 2 R01 GM36054-05  
MSN AG&LSC BACTERIOLOGY (144-BJ72) 103,933.00
- 5) CANCER COMMUNICATIONS SYSTEM  
FOR THE PERIOD 05-16-85 THROUGH 02-15-90  
AT A TOTAL COST OF \$1,608,797.00  
AWARD # NO1-CN-55481, MOD. 11  
MSN HS-MED CANCER CTR PREV ONCOL (144-W596) 85,463.00

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21. ALCOHOL RESEARCH GROUP  
BERKELEY, CA  
PRIME CONTRACTOR WITH DHHS PHS NIH  
MENTAL ILLNESS, SERVICE USE AND HOMELESS CAREERS  
FOR THE PERIOD 09-30-89 THROUGH 08-31-90  
AWARD # AGR DTD 11-30-89  
MSN L&S INST-RES ON POV (144-BJ86) 114,889.00
22. LKC TECHNOLOGIES, INC  
GAITHERSBURG, MD  
PRIME CONTRACTOR WITH DHHS PHS NIH  
ELECTRORETINOGRAPHIC TEST TO MONITOR RETINAL  
ISCHEMIA  
FOR THE PERIOD 09-30-89 THROUGH 09-29-90  
AWARD # P.O. T-9-0003-1180  
MSN HS-MED OPHTHALMOLOGY (144-BH59) 58,955.00
23. BLOOD CENTER OF SOUTHEASTERN WISCONSIN  
MILWAUKEE, WI  
PRIME CONTRACTOR WITH DHHS PHS NIH  
TRANSFUSION TRIAL TO PREVENT ALLOIMMUNIZATION  
FOR THE PERIOD 08-01-89 THROUGH 05-31-90  
AWARD # AGR DTD 11/29/89  
MSN HS-MED MEDICINE HEMATOLOGY (144-BG64) 32,205.00
24. DOD, AIR FORCE  
BOLLING AFB, DC  
PROBLEMS IN NONLINEAR CONTINUUM DYNAMICS  
FOR THE PERIOD 10-15-89 THROUGH 10-14-90  
AWARD # AFOSR-87-0315 D  
MSN L&S CTR MATH SCI (144-BH50) 48,534.00
25. MIT-LINCOLN LABORATORY  
LEXINGTON, MA  
PRIME CONTRACTOR WITH DOD AF  
CONSTRUCT AN AUTOMATED SYSTEM TO SUPPORT ASR-9  
SITE ADAPTATION, EVALUATION AND OPTIMIZATION  
FOR THE PERIOD 10-10-89 THROUGH 09-30-90  
AWARD # BX-3444  
MSN GRAD SPACE SCI&ENG CT (144-BJ54) 350,515.00
26. DOD, ARMY  
FREDERICK, MD  
IMMUNOCHEMICAL STUDIES ON SELECTED  
MARINE TOXINS  
FOR THE PERIOD 11-01-89 THROUGH 09-30-91  
AWARD # DAMD17-90-C-0002  
MSN AG&LSC FOOD MICRO&TOXIC (144-BJ58) 108,361.00
27. DOD, ARMY  
RESEARCH TRIANGLE PARK, NC  
THE DYNAMICS OF MOLECULAR DECOMPOSITION  
FOR THE PERIOD 08-01-88 THROUGH 01-31-91  
AT A TOTAL COST OF \$250,000.00  
AWARD # DAAL03-88-K-0189, MOD. 2  
MSN L&S CHEMISTRY (144-AM17) 105,000.00

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28. DOD, NAVY  
ARLINGTON, VA  
IN SUPPORT OF THE FOLLOWING:
- 1) SOME PROBLEMS IN NONLINEAR ANALYSIS  
FOR THE PERIOD 12-01-87 THROUGH 11-30-90  
AT A TOTAL COST OF \$145,000.00  
AWARD # NOO014-88-K-0134, MOD. 2  
MSN L&S      CTR MATH SCI                      (144-AC28)      45,000.00
  - 2) DISCONTINUITY SURFACES AND CRACK FIELDS IN  
ELASTIC-PLASTIC MATERIALS EXHIBITING POROSITY  
(DAMAGE) AND OTHER NONCLASSICAL FEATURES  
FOR THE PERIOD 10-01-88 THROUGH 09-30-91  
AT A TOTAL COST OF \$169,750.00  
AWARD # NOO014-89-J-1206, MOD. 2  
MSN ENGR      ENGR MECHANICS                      (144-AR21)      70,000.00
  - 3) ANALYSIS TECHNIQUES FOR PARALLEL AND  
DISTRIBUTED PROGRAMS  
FOR THE PERIOD 01-01-89 THROUGH 12-31-90  
AT A TOTAL COST OF \$145,434.00  
AWARD # NOO014-89-J-1222, MOD. 1  
MSN L&S      COMPUTER SCI                      (144-AS35)      75,606.00
  - 4) SCANNING TUNNELING MICROSCOPY/SPECTROSCOPY  
STUDIES OF NANOSTRUCTURES IN GAAS  
FOR THE PERIOD 12-01-89 THROUGH 11-30-90  
AWARD # NOO014-90-J-1306  
MSN ENGR      MAT SCI & ENGR                      (144-BJ87)      54,100.00
29. DOD, NAVY  
WASHINGTON, DC  
VALIDATE ALGORITHMS FOR THE DETERMINATION OF  
RAINFALL RATES FROM SSM/I MICROWAVE SATELLITE  
IMAGERY  
FOR THE PERIOD 10-01-85 THROUGH 12-31-89  
AT A TOTAL COST OF \$473,272.00  
AWARD # NOO014-86-K-2001, MOD. 12  
MSN GRAD      SPACE SCI&ENG CT                      (144-X097)      20,000.00
30. ENERGY, DEPT OF  
ARGONNE, IL  
HIGH FIELD SUPERCONDUCTOR DEVELOPMENT  
FOR THE PERIOD 08-25-88 THROUGH 05-31-90  
AT A TOTAL COST OF \$850,000.00  
AWARD # DE-AC02-82ER40077 #13, MOD. 16  
MSN ENGR      MAT SCI & ENGR                      (144-AK74)      100,000.00
31. MCDONNELL DOUGLAS ASTRONAUTICS COMPANY  
HUNTINGTON BEACH, CA  
PRIME CONTRACTOR WITH NASA  
ANALYSIS OF REQUIREMENTS FOR A CONTROLLED  
ECOLOGICAL LIFE SUPPORT SYSTEM (CELSS)  
FOR THE PERIOD 10-05-89 THROUGH 12-23-89  
AWARD # 87O16016, MOD. 2  
MSN ENGR      ENGR EXPER STA      SPAC COMM      (144-BJ21)      25,100.00

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32. CALIFORNIA INSTITUTE OF TECHNOLOGY  
PASADENA, CA  
PRIME CONTRACTOR WITH NASA  
WIDE FIELD PLANETARY CAMERA FOR SPACE TELESCOPE  
FOR THE PERIOD 01-01-84 THROUGH 02-28-90  
AT A TOTAL COST OF \$435,000.00  
AWARD # 65B-580912, MOD. 25  
MSN L&S SPACE ASTRON LAB (144-U151) 60,000.00
33. NASA, AMES RESEARCH CENTER  
MOFFETT FIELD, CA  
IN SUPPORT OF THE FOLLOWING:
- 1) MIGRATING EXODUS  
TO CAMELOT AND MACH  
FOR THE PERIOD 08-01-89 THROUGH 03-31-91  
AWARD # NAG 2-618  
MSN L&S COMPUTER SCI (144-BE79) 370,000.00
- 2) SOFT DENSE FIBROUS CONNECTIVE TISSUE RESPONSE  
TO HINDLIMB SUSPENSION  
FOR THE PERIOD 12-01-89 THROUGH 02-28-90  
AWARD # NAG 2-568 #2  
MSN EDUC PHYS ED & DANCE BIODYN LAB (144-BJ90) 24,000.00
34. NASA, GODDARD SPACE FLIGHT CENTER  
GREENBELT, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) COLLECTION AND ANALYSIS OF RADAR RAINFALL AND  
SATELLITE DATA FOR THE DARWIN TRMM EXPERIMENT  
FOR THE PERIOD 12-01-89 THROUGH 04-30-90  
AWARD # NAG 5-1308  
MSN GRAD SPACE SCI&ENG CT (144-BJ56) 30,000.00
- 2) SPACELAB DIFFUSE SOFT X-RAY BRAGG SPECTROMETER  
FOR THE PERIOD 03-10-80 THROUGH 05-15-90  
AT A TOTAL COST OF \$6,820,372.00  
AWARD # NAS5-26078, MOD. 29  
MSN GRAD SPACE SCI&ENG CT (144-P296) 230,000.00
35. NASA, GODDARD SPACE FLIGHT CENTER  
WALLOPS ISLAND, VA  
DEVELOPMENT AND FLIGHT OF WIDE-FIELD  
IMAGING SURVEY POLARIMETER (WISP)  
FOR THE PERIOD 03-01-88 THROUGH 04-30-90  
AT A TOTAL COST OF \$430,000.00  
AWARD # NAG5-647, MOD. 4  
MSN L&S SPACE ASTRON LAB (144-AF09) 160,000.00
36. NASA, MARSHALL SPACE FLIGHT CENTER  
MARSHALL SPACE FLIGHT CENTER, AL  
MANAGEMENT AND DISPLAY OF FOUR-DIMENSIONAL  
ENVIRONMENTAL DATA SETS USING MCIDAS  
FOR THE PERIOD 02-28-86 THROUGH 02-28-90  
AT A TOTAL COST OF \$1,045,000.00  
AWARD # NAS8-36292, MOD. 9  
MSN GRAD SPACE SCI&ENG CT (144-X669) 82,797.00

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37. NATIONAL ENDOWMENT FOR THE HUMANITIES  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) A HISTORY OF CARTOGRAPHY  
FOR THE PERIOD 09-01-88 THROUGH 08-31-90  
AT A TOTAL COST OF \$242,229.00  
AWARD # RT-20983-88, MOD. 2  
MSN L&S GEOGRAPHY (144-AM47) 60,000.00
  - 2) THE DOCUMENTARY HISTORY OF THE RATIFICATION OF THE  
CONSTITUTION AND THE BILL OF RIGHTS  
FOR THE PERIOD 07-01-89 THROUGH 06-30-91  
AT A TOTAL COST OF \$100,350.00  
AWARD # RE-20803-89, MOD. 1  
MSN L&S HISTORY (144-AY32) 350.00
38. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
BLACK HEALTH: HISTORICAL PERSPECTIVES AND  
CURRENT ISSUES  
FOR THE PERIOD 11-15-89 THROUGH 04-30-90  
AWARD # FY89-48P  
MSN HS-MED HIST OF MEDICINE HIST OF MD (144-BJ60) 7,692.95
39. NATL HISTORICAL PUBL & RECORDS COMMISSION  
WASHINGTON, DC  
THE DOCUMENTARY HISTORY OF THE RATIFICATION OF  
THE CONSTITUTION  
FOR THE PERIOD 11-01-89 THROUGH 10-31-90  
AWARD # NO. 90-015  
MSN L&S HISTORY (144-BJ68) 99,000.00
40. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) MATHEMATICAL LOGIC AND APPLICATIONS  
FOR THE PERIOD 06-15-88 THROUGH 11-30-91  
AT A TOTAL COST OF \$353,400.00  
AWARD # DMS-8801139, MOD. 2  
MSN L&S MATHEMATICS (144-AK23) 122,800.00
  - 2) RESEARCH ON OPTICALLY PUMPED POLARIZED ION  
SOURCES AND TARGETS (PHYSICS)  
FOR THE PERIOD 03-15-89 THROUGH 02-28-91  
AT A TOTAL COST OF \$121,712.00  
AWARD # PHY-8821097, MOD. 1  
MSN L&S PHYSICS (144-AX21) 61,300.00
  - 3) OBSERVATION OF VERY HIGH GAMMA RAY SOURCES FROM  
THE SOUTH POLE  
FOR THE PERIOD 06-15-89 THROUGH 05-30-90  
AT A TOTAL COST OF \$110,049.00  
AWARD # DPP-8818918, MOD. 2  
MSN L&S PHYSICS (144-AX58) 18,705.00

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- |     |   |            |            |
|-----|---|------------|------------|
| 4)  | MATHEMATICAL SCIENCES: DEVELOPMENT AND APPLICATION OF MATHEMATICAL METHODS FOR THE SCIENCES<br>FOR THE PERIOD 07-01-89 THROUGH 06-30-91<br>AT A TOTAL COST OF \$239,798.00<br>AWARD # DMS-8903083, MOD. 1<br>MSN L&S     CTR MATH SCI | (144-BA10) | 132,798.00 |
| 5)  | NUMERICAL SOLUTION OF ELLIPTIC EQUATIONS<br>FOR THE PERIOD 12-01-89 THROUGH 11-30-90<br>AWARD # DMS-8913091<br>MSN L&S     COMPUTER SCI   | (144-BE51) | 59,696.00  |
| 6)  | INCLUSION OF TRANSMISSION RELIABILITY COSTS<br>IN REAL TIME PRICING DECISIONS<br>FOR THE PERIOD 11-15-89 THROUGH 10-31-90<br>AWARD # ECS-8907391<br>MSN ENGR    ELEC & COM ENGR   ELEC&COMP   | (144-BH41) | 77,850.00  |
| 7)  | DISSERTATION RESEARCH: DEMOGRAPHIC AND GENETIC CONSEQUENCES OF ISOLATION IN ACONITUM NOVEBORACENSE<br>FOR THE PERIOD 12-15-89 THROUGH 11-30-90<br>AWARD # BSR-8914650<br>MSN L&S     BOTANY   | (144-BJ75) | 3,800.00   |
| 8)  | DISSERTATION RESEARCH: ANALYSIS OF OLDUVAI FAUNAL REMAINS<br>FOR THE PERIOD 01-01-90 THROUGH 12-31-91<br>AWARD # BNS-8921738<br>MSN L&S     ANTHROPOLOGY  | (144-BJ76) | 3,000.00   |
| 9)  | DISSERTATION RESEARCH: SEED DISPERSAL AND POPULATION GENETIC STRUCTURE<br>FOR THE PERIOD 12-15-89 THROUGH 11-30-90<br>AWARD # BSR-8914599<br>MSN L&S     BOTANY   | (144-BJ88) | 6,500.00   |
| 10) | PRESIDENTIAL YOUNG INVESTIGATOR AWARD<br>FOR THE PERIOD 07-01-86 THROUGH 12-31-90<br>AT A TOTAL COST OF \$204,940.00<br>AWARD # MSM-8552486, MOD. 7<br>MSN ENGR    ENGR MECHANICS   | (144-Y095) | 35,000.00  |
| 11) | PRESIDENTIAL YOUNG INVESTIGATOR AWARD<br>FOR THE PERIOD 08-01-87 THROUGH 01-31-91<br>AT A TOTAL COST OF \$79,000.00<br>AWARD # BNS-8657304, MOD. 2<br>MSN L&S     ANTHROPOLOGY  | (144-Z419) | 25,000.00  |
| 12) | PHYSIOLOGY AND MOLECULAR BIOLOGY OF INSECT PARASITISM<br>FOR THE PERIOD 12-15-87 THROUGH 05-31-91<br>AT A TOTAL COST OF \$179,000.00<br>AWARD # DCB-8703646, MOD. 3<br>MSN AG&LSC ENTOMOLOGY  | (144-Z882) | 75,000.00  |

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41.	VETERANS ADMIN MADISON, WI SODIUM 23 MRI FUNCTIONAL BRAIN IMAGING FOR THE PERIOD 04-01-87 THROUGH 09-30-89 AT A TOTAL COST OF \$52,087.57 AWARD # 607D75355, MOD. 11 MSN HS-MED RADIOLOGY	DIAGNOSTIC	(144-Z288)	5,680.41
42.	PETOSEED COMPANY, INC. SATICDY, CA DISEASE RESISTANCE BREEDING IN ONIONS MSN AG&LSC HORTICULTURE		(133-A103)	1,000.00
43.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY		(133-A250)	217.00
44.	MULTIPLE DONORS CANCER RESEARCH MSN HS-MED		(133-A251)	100.00
45.	PRINCETON ONE FUND, INC. PRINCETON, WI HEART RESEARCH MSN HS-MED		(133-A252)	1,000.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE		(133-A525)	14,902.49
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT IN THE DEPARTMENT OF DIAGNOSTIC RADIOLOGY MSN HS-MED RADIOLOGY		(133-A529)	178,000.00
48.	MULTIPLE DONORS PEA AND SOYBEAN RESEARCH MSN AG&LSC AGRONOMY		(133-A593)	457.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENERGY STORAGE PROJECT MSN ENGR ENGR EXPER STA SUPERCONDT		(133-A797)	60,000.00
50.	MILES PHARMACEUTICAL DIVISION MADISON, WI SUPPORT HEMATOLOGY SECTION IN THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE	HEMATOLOGY	(133-A802)	750.00
51.	MULTIPLE DONORS CANCER RESEARCH AND RELATED ACTIVITIES MSN HS-HSP ADMINISTRATION	ADMIN	(133-A934)	50.00

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52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NORMAN BASSETT RESEARCH PROFESSORSHIP MSN EDUC EDUC PSYCHOLOGY	(133-B214)	2,000.00
53.	PILLSBURY COMPANY MINNEAPOLIS, MN DEPARTMENT OF FOOD SCIENCE CHAIRMAN'S DISCRETIONARY FUND MSN AG&LSC FOOD SCIENCE	(133-B656)	5,000.00
54.	MULTIPLE DONORS SANITARY ENGINEERING RESEARCH MSN ENGR CIVIL & ENV ENGR	(133-B990)	45.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NAVE VISITING SCHOLAR MSN L&S SPANISH & PORT IBERO-AMER	(133-C505)	2,056.00
56.	BADGER JIM BEAM CLUB LAKEWOOD, OH LEUKEMIA IMMUNITY INVESTIGATION FUND MSN HS-MED PEDIATRICS	(133-D016)	1,248.71
57.	ALLERGY RESEARCH MSN HS-MED MEDICINE	ALLRGY&IMM (133-D038)	
	5,000.00 FISIONS PHARMACEUTICALS ROCHESTER, NY		
	4,000.00 SANDOZ RESEARCH INSTITUTE EAST HANOVER, NJ		
			9,000.00
58.	MAYER (HAZEL MAE) TRUST MILWAUKEE, WI RESEARCH IN PULMONARY PATHOPHYSIOLOGY MSN HS-MED PREVENTIVE MED	(133-D367)	5,000.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND EDUCATIONAL PROGRAMS IN THE DEPARTMENT OF HUMAN ONCOLOGY MSN HS-MED CANCER CTR	(133-D448)	10,000.00
60.	RORER FORT WASHINGTON, PA SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	700.00
61.	GLYCOMED ALAMEDA, CA SPECIAL COAGULATION STUDY MSN HS-MED PHYSIOLOG CHEM	(133-D535)	1,000.00



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62.	DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH (133-D646)		
	150.00	MULTIPLE DONORS	
	1,080.00	BECKMAN INSTRUMENTS, INC. FULLERTON, CA	
	40.00	MULTIPLE DONORS	
	500.00	EASTMAN KODAK COMPANY ROCHESTER, NY	
	253.00	MULTIPLE DONORS	
			2,023.00
63.	INFECTIOUS DISEASE EDUCATION FUND MSN HS-MED MEDICINE INFECT DIS (133-D837)		
	500.00	AMERICAN CYANAMID COMPANY WAYNE, NJ	
	1,000.00	MILES PHARMACEUTICAL DIVISION NAPERVILLE, IL	
	500.00	UPJOHN COMPANY KALAMAZOO, MI	
	1,000.00	PFIZER, INC. HOFFMAN ESTATES, IL	
			3,000.00
64.	UPJOHN COMPANY KALAMAZOO, MI DAIRY PRODUCTION RESEARCH MSN AG&LSC DAIRY SCIENCE (133-E364)		6,500.00
65.	PEDIATRICS HEMATOLOGY/ONCOLOGY PATIENT CARE MSN HS-MED PEDIATRICS (133-E936)		
	2,000.00	YOUTH SERVICES, INC. MADISON, WI	
	70.00	MULTIPLE DONORS	
			2,070.00
66.	AMERICAN SOCIETY OF HOSPITAL PHARMACISTS RESEARCH AND EDUCATION FOUNDATION BETHESDA, MD PHARMACY RESEARCH MSN HS-PHR PHARMACY (133-E939)		5,000.00
67.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI EXPOSURE THERAPIST SALARY SUPPORT MSN HS-MED PSYCHIATRY (133-F119)		1,434.65
68.	PROCTER & GAMBLE COMPANY CINCINNATI, OH DROSOPHILA MUTAGENESIS ASSAYS MSN L&S ZOOLOGY (133-F628)		6,500.00

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69.	EASTERN ARTIFICIAL INSEMINATION COOPERATIVE ITHACA, NY MECHANISMS OF VIRAL PATHOGENESIS MSN VET M PATHOBIOLGCL SCI	( 133-F663)	3,050.00
70.	MULTIPLE DONORS PROPHYLAXIS OF RECURRENT URINARY TRACT INFECTIONS IN ELDERLY MEN MSN HS-MED MEDICINE	GEN INT MD ( 133-F701)	300.00
71.	UNIVERSITY OBSTETRICS GYNECOLOGY ASSOCIATES MADISON, WI MICROSURGERY RESEARCH TRAINING FUND MSN HS-MED SURGERY	( 133-F729)	1,200.00
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LAB ADVISORY COMMITTEE RESEARCH AWARDS MSN HS-MED HUMAN ONCOLOGY	( 133-F811)	9,000.00
73.	HALDOR TOPSOE A/S COPENHAGEN, DENMARK DISCRETIONARY RESEARCH GRANT MSN ENGR CHEMICAL ENGR	( 133-F894)	5,000.00
74.	BURTON (ROBERT M) GLENDALE, OH PLASMA RESEARCH MSN L&S PHYSICS	( 133-F966)	996.72
75.	MULTIPLE DONORS PROGRAM FOR DEVELOPMENT OF PREVENTIVE HEALTH SERVICE PROGRAM FOR VIETNAM MSN HS-MED PREVENTIVE MED	( 133-G285)	250.00
76.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	( 133-G648)	10,741.50
77.	BRIDGING THE DISCIPLINES OF REPRODUCTIVE PHYSIOLOGY AND GENETICS--AN INTEGRATED RESEARCH APPROACH MSN AG&LSC DAIRY SCIENCE	( 133-G729)	
	2,925.00 NOBA, INC. TIFFIN, OH		
	13,100.00 SIRE-POWER, INC. TUNKHANNOCK, PA		
			16,025.00
78.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI COGNITIVE RETRAINING PROGRAM MSN HS-MED NEUROLOGY	( 133-G805)	19,554.05

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79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY CHAIRMAN'S FUND MSN HS-MED PSYCHIATRY	(133-G809)	12,000.00
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANXIETY DISORDERS CLINIC MSN HS-MED PSYCHIATRY	(133-G812)	400.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HUMAN ONCOLOGY DEVELOPMENT MSN HS-MED HUMAN ONCOLOGY	(133-G829)	6,000.00
82.	RORER PHARMACEUTICALS FORT WASHINGTON, PA PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-G990)	600.00
83.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF NEUROSURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED NEURO SURG          NUERO SURG	(133-H763)	100,000.00
84.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY ACCOUNT FOR ENGINEERING MINORITY PROGRAM MSN ENGR    MINORITIES ENGR    MINOR PROG	(133-H821)	35,000.00
85.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI RADIOLOGY SERVICES MSN HS-MED RADIOLOGY	(133-H856)	5,791.83
86.	MULTIPLE DONORS ALS RESEARCH MSN HS-MED NEUROLOGY	(133-H941)	25.00
87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HELFAER PROFESSORSHIP IN CHEMISTRY MSN L&S    CHEMISTRY	(133-J463)	15,000.00
88.	MULTIPLE DONORS PLASTIC SURGERY RESEARCH FUND MSN HS-MED SURGERY          DENT&P SRG	(133-J780)	300.00
89.	AYERST LABORATORIES PHILADELPHIA, PA DOUBLE-BLIND EVALUATION OF THE LONG TERM EFFECTS OF ULTRADOL IN PATIENTS WITH ACTIVE RHEUMATOID ARTHRITIS    "CLIN" MSN HS-MED MEDICINE          RHEUMATOL	(133-J781)	1,012.68

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90.	MULTIPLE DONORS AUTOLOGOUS BONE MARROW TRANSPLANTATION MSN VET M MEDICAL SCIENCES	(133-J823)	40.00
91.	MEDICAL PHYSICS PUBLISHING CORPORATION MADISON, WI MEDICAL PHYSICS PUBLISHING FUND MSN HS-MED MEDICAL PHYSICS	(133-J931)	2,000.00
92.	MULTIPLE DONORS CRUCIFER GENETICS COOPERATIVE MSN AG&LSC PLANT PATHOLOGY	(133-J959)	799.00
93.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE HEMATOLOGY	(133-K061)	103.61
94.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VISITING LECTURER DISBURSEMENT ACCOUNT MSN L&S HISTORY	(133-K063)	500.00
95.	ROHM & HAAS COMPANY SPRING HOUSE, PA UNRESTRICTED GRANT IN SUPPORT OF RESEARCH ON DISEASE MANAGEMENT IN WISCONSIN FRUIT CROPS MSN AG&LSC PLANT PATHOLOGY	(133-K284)	2,250.00
96.	BAUSCH & LOMB CLEARWATER, FL PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-K793)	10,000.00
97.	WISCONSIN FOOD PROCESSORS ASSOCIATION MADISON, WI RESEARCH ON IMPROVED CONTROL OF WHITE MOLD OF BEANS MSN AG&LSC PLANT PATHOLOGY	(133-K831)	10,000.00
98.	CIBA-GEIGY CORPORATION SUMMIT, NJ ANXIETY DISORDERS CENTER "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-K955)	9,000.00
99.	STUART PHARMACEUTICALS WILMINGTON, DE EVALUATION OF ICI 128,436 IN DIABETIC PATIENTS WITH PERIPHERAL SYMMETRICAL POLYNEUROPATHY "CLIN" AWARD # ARI 6-760-1 MSN HS-MED NEUROLOGY	(133-L250)	65,280.00
100.	RADIATION MEASUREMENTS, INC. MIDDLETON, WI DIAGNOSTIC ULTRASOUND RESEARCH DISCRETIONARY FUND MSN HS-MED MEDICAL PHYSICS	(133-L335)	10,000.00

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101.	TEKRA CORPORATION NEW BERLIN, WI KNOWLEDGE-BASED SCHEDULING SYSTEMS MSN ENGR INDUSTRIAL ENGR	(133-L417)	2,000.00
102.	BESSELAAR (G. H.) ASSOCIATES PRINCETON, NJ COMPARATIVE CLINICAL STUDY OF ORCHIECTOMY AND ANANDRON VERSUS ORCHIECTOMY ALONE "CLIN" MSN HS-MED SURGERY UROLOGY	(133-L446)	1,947.50
103.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PERLMAN-BASCOM PROFESSORSHIP/WEIZMANN COLLABORATION MSN GRAD MOLECULAR BIOL	(133-L764)	430.00
104.	QUAKER OATS COMPANY CHICAGO, IL DIETARY FIBER, HEALTH AND NUTRITION MSN AG&LSC NUTRITIONAL SCI	(133-L989)	32,100.00
105.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FRIENDS OF MAY BALISIDYA OUTSTANDING DISSERTATION RESEARCH AWARD MSN L&S AFRIC LANG & LIT	(133-M328)	325.00
106.	NFL ALUMNI CHARITY GOLF CLASSIC MADISON, WI PEDIATRIC HEMATOLOGY/ONCOLOGY RESEARCH FUND MSN HS-MED PEDIATRICS	(133-M477)	11,500.00
107.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN HUMATROPE AND LOW DOSE ESTROGEN IN TURNER'S SYNDROME "CLIN" AWARD # 13783D MSN HS-MED PEDIATRICS	(133-M479)	1,158.40
108.	ROHM & HAAS COMPANY SPRING HOUSE, PA CONDUCT RESEARCH ON SOIL-BORNE PLANT PATHOGENS WHICH INCLUDE CELERY, GINSENG, PEAS, BEANS AND CRUCIFERS MSN AG&LSC PLANT PATHOLOGY	(133-M707)	1,000.00
109.	WISC DEPT OF NATURAL RESOURCES MADISON, WI LITTLE ROCK LAKE - MACROINVERTEBRATE SAMPLES FOR THE PERIOD 03-15-88 THRU 03-31-90 AWARD # NRH96557/NRJ95068 MSN AG&LSC ENTOMOLOGY	(133-M763)	3,000.00
110.	SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC	(133-M792)	
	1,000.00 GENE-TRAK SYSTEMS FRAMINGHAM, MA		
	990.00 SPA SOCIETA PRODOTTI ANTIBIOTICI ITALY		
			1,990.00

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111.	PHARMACIA P-L BIOCHEMICALS, INC. MILWAUKEE, WI IMPROVED METHODS FOR CLONING, MAPPING AND SEQUENCING DNA MSN AG&LSC GENETICS	(133-M848)	5,000.00
112.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI QUANTITATIVE SENSORY LAB OPERATING ACCOUNT MSN HS-MED NEUROLOGY	(133-NO15)	6,106.00
113.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI NEURODYSPHAGIA CLINIC OPERATIONS MSN HS-MED NEUROLOGY	(133-NO24)	3,918.61
114.	SCHERING-PLOUGH KENILWORTH, NJ COMPARING DIPROLENE OINTMENT, 0.05% WITH PSORCON OINTMENT 0.05% IN THE TREATMENT OF PSORIASIS "CLIN" MSN HS-MED MEDICINE	DERMATOLGY (133-NO54)	579.50
115.	SQUIBB (E.R.) & SONS PRINCETON, NJ EVALUATION OF THE SAFETY AND EFFICACY OF FOSINOPRIL SODIUM IN PATIENTS WITH MODERATELY SEVERE CHRONIC HEART FAILURE MSN HS-MED MEDICINE	CARDIOLOGY (133-NO82)	62,599.84
116.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ A DOUBLE-BLIND, PLACEBO-CONTROLLED ANGIOGRAPHIC STUDY TO EVALUATE THE EFFECT OF MENINOLIN (LOVASTATIN) ON THE PROGRESSION RATE OF ARTHEROSCLEROSIS IN CORONARY ARTERIES OF PATIENTS WITH CORONARY HEART DISEASE "CLIN" MSN HS-MED MEDICINE	CARDIOLOGY (133-NO84)	175,961.00
117.	NICOLET INSTRUMENT CORPORATION MADISON, WI SENIOR PHYSIOLOGIST-AUDIODIAGNOSTICS DIVISION- NICOLET FOR THE PERIOD 08-24-87 THRU 12-31-89 MSN L&S COMMUN DISORDERS	(133-NO85)	20,309.40
118.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MODELING, ANALYSIS AND PERTURBATION ANALYSIS OF MANUFACTURING AND DISCRETE EVENT SYSTEMS MSN ENGR INDUSTRIAL ENGR	(133-NO91)	20,000.00
119.	AMERICAN ACADEMY OF PHYSICIAN EXECUTIVES TAMPA, FL NONRESIDENTIAL ADMINISTRATIVE MEDICINE PROGRAM MSN HS-MED PREVENTIVE MED	(133-N129)	47,000.00

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120.	PHARMACOLOGY OF CARDIOPULMONARY TISSUES MSN HS-MED ANESTHESIOLOGY (133-N239)		
	5,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	1,000.00 FEDERAL EXPRESS MEMPHIS, TN		
	6,000.00 ICI AMERICAS, INC. WILMINGTON, DE		
			12,000.00
121.	AMERICAN HEART ASSOCIATION DALLAS, TX ESTABLISHED INVESTIGATOR AWARD FOR THE PERIOD 07-01-88 THRU 06-30-90 AWARD # 85 121 MSN AG&LSC BIOCHEMISTRY (133-N285)		40,986.00
122.	PFIZER PHARMACEUTICALS GROTON, CT AN ASSESMENT OF PROSTATIC AND OTHER MALE UROLOGICAL TISSUE CONCENTRATIONS FOLLOWING THE ORAL ADMINISTRATION OF CP-62,993 MSN HS-MED SURGERY UROLOGY (133-N308)		21,000.00
123.	BOEHRINGER INGELHEIM LTD. RIDGEFIELD, CT A RANDOMIZED, DOUBLE-BLIND, PLACEBO CONTROLLED STUDY OF THE CHRONIC EFFICACY AND SAFETY OF PIMOBENDAN WITH CLASS 111-1V CONGESTIVE HEART FAILURE "CLIN" MSN HS-MED MEDICINE CARDIOLOGY (133-N315)		12,957.00
124.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ A MULTICENTER, RANDOMIZED, PARALLEL-GROUP, DOUBLE- MASKED, PLACEBO-CONTROLLED STUDY TO DETERMINE THE EFFECT OF DAILY ADMINISTRATION OF MK-538ON THE PROGRESSION OF BACKGROUND RETINOPATHY IN DAIBETIC PATIENTS "CLIN" MSN HS-MED OPHTHALMOLOGY (133-N323)		35,531.69
125.	MICHAEL FOODS INCORPORATED MINNEAPOLIS, MN EXTRACTION OF CHOLESTEROL FROM EGG YOLKS USING SUPERCRITICAL CARBON DIOXIDE MSN AG&LSC FOOD SCIENCE (133-N473)		74,000.00
126.	AMERICAN SOCIETY OF HOSPITAL PHARMACISTS RESEARCH AND EDUCATION FOUNDATION BETHESDA, MD DEVELOPMENT OF A NATIONAL CLINICAL PHARMACY SERVICES DATA BASE MSN HS-PHR PHARMACY (133-N492)		12,000.00

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127.	PFIZER, INC. NEW YORK, NY MODERN APPROACH TO THE TREATMENT OF HYPERTENSION MULTICENTER STUDY "CLIN" MSN HS-MED PHARMACOLOGY	(133-N521)	2,500.00
128.	KIMBERLY-CLARK CORPORATION NEENAH, WI SIMULATING FLUID BEHAVIOR OF FIBROUS SUSPENSIONS FOR THE PERIOD 11-01-88 THRU 10-31-90 AWARD # O1323202KW MSN ENGR CHEMICAL ENGR	(133-N616)	40,000.00
129.	GENERAL ELECTRIC COMPANY SCHENECTADY, NY AN INVESTIGATION OF THE CATHODE REGION OF FLUORESCENT LAMPS MSN L&S PHYSICS	(133-N633)	40,000.00
130.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ SAFETY, TOLERABILITY AND EFFICACY OF MK 906 IN PATIENTS WITH BENIGN PROSTATIC HYPERPLASIA "CLIN" MSN HS-MED SURGERY UROLOGY	(133-N664)	78,486.00
131.	MULTIPLE DONORS FIELD APPLICATION OF NUTRITIONAL & MANAGEMENT TECHNOLOGIES TO DAIRY PRODUCTION PRACTICES MSN AG&LSC DAIRY SCIENCE	(133-N776)	125.00
132.	NEW ENERGY & INDUSTRIAL TECH DEVELOPMENT ORG. TOKYO, JAPAN COOPERATIVE INTERNATIONAL DEVELOPMENT OF NOVEL NMR APPROACHES TO THE ELUCIDATION OF MOLECULAR RECOGNITION PROCESSES MSN AG&LSC BIOCHEMISTRY	(133-N824)	37,953.20
133.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENE EXPRESSION IN THE INSULIN CELL MSN HS-MED PEDIATRICS	(133-N901)	32,000.00
134.	BONE CARE INTERNATIONAL, INC. MADISON, WI BONE CARE FUND MSN AG&LSC BIOCHEMISTRY	(133-N990)	1,731.87
135.	BELOIT COLLEGE EXTERNAL AFFAIRS OFFICE BELOIT, WI SKETCH PLAN - DOWNTOWN RIVERFRONT BELOIT MSN AG&LSC N R-ENVIR AWARE	(133-PO30)	500.00
136.	MERCK SHARPE & DOHME RESEARCH LABORATORIES WEST POINT, PA A MULTICENTER, RANDOMIZED, PARALLEL-GROUP, DOUBLE-MASKED, PLACEBO-CONTROLLED STUDY TO DETERMINE THE EFFECT OF DAILY ADMINISTRATION OF MK-538 ON THE PROGRESSION OF BACKGROUND RETINOPATHY IN DIABETIC PATIENTS MSN HS-MED OPHTHALMOLOGY	(133-PO55)	50,000.00



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137.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUND A SERIES OF FILMS IN THE DEPARTMENT OF SPANISH AND PORTUGUESE MSN L&S SPANISH & PORT IBERO-AMER (133-P115)	1,670.00
138.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ZOOLOGY MUSEUM'S SECOND MAINLAND EXPEDITION IN ECUDAOR MSN L&S SPANISH & PORT IBERO-AMER (133-P116)	4,513.00
139.	COLORADO (UNIVERSITY OF) DENVER, CO PILOT STUDY FOR THE EMOTIONAL PROCESSES GROUP OF THE MACARTHUR FOUNDATION RESEARCH METWORK ON EARLY CHILDHOOD TRANSITIONS FOR THE PERIOD 05-01-89 THRU 12-31-89 MSN GRAD WAISMAN CENTER (133-P205)	319.55
140.	MULTIPLE DONORS IBERIA AND THE NEW WORLD MSN L&S HUM-INST FOR RES (133-P226)	250.00
141.	NATIONAL ACADEMY OF EDUCATION CAMBRIDGE, MA NATIONAL ACADEMY OF EDUCATION'S 1989-90 SPENCER FELLOWSHIP FOR THE PERIOD 01-01-90 THRU 12-31-90 MSN L&S SOCIOLOGY (133-P407)	30,000.00
142.	DAWE'S LABORATORIES CHICAGO, IL RESPONSE OF HEAT-STRESSED TURKEY TOMS TO DAWELYTE MSN AG&LSC POULTRY SCIENCE (133-P590)	141.00
143.	GENENTECH, INC. SOUTH SAN FRANCISCO, CA TREATMENT OF CHILDREN DEMONSTRATING SUBNORMAL GROWTH WITH HGH (PROTROPIN) MSN HS-MED PEDIATRICS (133-P612)	3,800.00
144.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANIMAL MICRO-ISOLATION SYSTEM MSN HS-MED MD SCH RES SUPP GNOTOBIOTC (133-P740)	17,851.50
145.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI THE EFFECTS OF ULTRAVIOLET LIGHT ON VASCULAR ENDOTHELIAL CELLS MSN HS-MED MEDICINE DERMATOLGY (133-P741)	17,000.00
146.	LATIN AMERICAN SCHOLARSHIP PROGRAM FOR AMERICAN UNIVERSITIES CAMBRIDGE, MA RESEARCH ASSISTANT SUPPORT MSN AG&LSC FOOD SCIENCE (133-P755)	804.00

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147.	LISA SKOFRONICK MADISON, WI HYBRID COMPUTATIONAL MECHANICS MSN ENGR ENGR MECHANICS	(133-P885)	975.00
148.	GRACE (W R) & CO.- CONN. COLUMBIA, MD DEVELOPMENT OF TOOLS FOR BOVINE GENETIC ENGINEERING FOR THE PERIOD 10-01-89 THRU 03-31-91 MSN AG&LSC MEAT& ANIMAL SCI	(133-P929)	603,484.00
149.	RADIATION MEASUREMENTS, INC. MIDDLETON, WI DISCRETIONARY FUND IN THE DEPARTMENT OF MEDICAL PHYSICS MSN HS-MED MEDICAL PHYSICS	(133-P958)	10,000.00
150.	ALPHA THERAPEUTIC CORPORATION LOS ANGELES, CA FLUOSOL CLINICAL TRIAL ATC 89-02 ANCILLARY OXYGENATION STUDIES MSN HS-MED HUMAN ONCOLOGY RAD THERAP	(133-Q003)	4,800.00
151.	ALPHA THERAPUETIC CORPORATION LOS ANGELES, CA FLUOSOL CLINICAL TRIAL ATC 86-26 "CLIN" MSN HS-MED HUMAN ONCOLOGY RAD THERAP	(133-Q005)	10,500.00
152.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY PHASE 1 B MULTIPLE-DOSE STUDY OF ORAL CL 246,738 IN CANCER PATIENTS MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY	(133-Q039)	8,588.40
153.	WINTHROP PHARMACEUTICALS NEW YORK, NY THE SAFETY AND EFFICACY OF PLAQUENIL AS MAINTENANCE THERAPY IN THE TREATMENT OF RHEMATOID ARTHRITIS "CLIN" MSN HS-MED MEDICINE RHEUMATOL	(133-Q056)	7,713.60
154.	MULTIPLE DONORS PHARMACY CONTINUING EDUCATION RESEARCH MSN HS-PHR PHARMACY	(133-Q064)	300.00
155.	TRIUMF VANCOUVER, BC MODELLING OF RADIOPHARMACEUTICALS FOR PET STUDIES MSN HS-MED MEDICAL PHYSICS	(133-Q086)	100.00
156.	ROCKEFELLER FOUNDATION NEW YORK, NY ROCKEFELLER FOUNDATION AFRICAN DISSERTATION INTERNSHIP MSN AG&LSC LAND TENURE CTR	(133-Q090)	24,800.00

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157.	AMERICAN SPEECH-LANGUAGE HEARING ASSOCIATION ROCKVILLE, MD EDITOR: JOURNAL OF SPEECH & HEARING DISORDERS/ASHA FOR THE PERIOD 09-01-89 THRU 12-31-90 MSN L&S COMMUN DISORDERS (133-Q093)	46,509.00
158.	RUNYON (DAMON) - WINCHELL (WALTER) CANCER FUND NEW YORK, NY POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 03-01-90 THRU 02-28-93 MSN GRAD MOLECULAR BIOL (133-Q094)	69,000.00
159.	WORLD BANK WASHINGTON, DC NEW TECHNOLOGIES, LOCATION AND TRADE MSN ENGR INDUSTRIAL ENGR (133-Q095)	30,000.00
160.	WISCONSIN BEEF COUNCIL MADISON, WI BEEF MARKETING INFORMATION STUDY MSN AG&LSC MEAT& ANIMAL SCI (133-Q100)	10,000.00
161.	AMERICAN FILTRONA CORPORATION RICHMOND, VA PROPOSED EXPERIMENTS FOR MEASURING THE CAPACITY OF AMERICAN FILTRONA CORPORATION'S IONIZING FIELD FILTER TO REMOVE AND DESTROY VARIOUS MICROBES IN AEROSOLS FOR THE PERIOD 11-20-89 THRU 03-31-90 MSN HS-MED PREVENTIVE MED (133-Q101)	22,211.00
162.	MULTIPLE DONORS CLINICAL PHARMACY RESEARCH MSN HS-PHR PHARMACY (133-Q104)	125.00
163.	ROCKEFELLER FOUNDATION NEW YORK, NY HUMAN CAPITAL RESOURCES FOR DEVELOPMENT FOR THE PERIOD 09-01-89 THRU 08-31-90 AWARD # GA AS 8950 MSN AG&LSC AG JOURNALISM (133-Q105)	6,050.00
164.	ROCKEFELLER FOUNDATION NEW YORK, NY MOLECULAR AND GENETIC ANALYSIS OF MECHANISMS CONTROLLING PATHOGEN VIRULENCE IN MAGNAPORTHE GRISEA FOR THE PERIOD 12-15-89 THRU 12-14-90 AWARD # RF 89025, #91 MSN AG&LSC PLANT PATHOLOGY (133-Q106)	50,000.00
165.	EASTMAN KODAK COMPANY ROCHESTER, NY PROCESSING SPENT PHOTOFINISHING LIQUIDS USING A PLASMA TORCH FOR THE PERIOD 12-01-89 THRU 12-01-90 MSN ENGR MECHANICAL ENGR (133-Q109)	35,000.00

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166.	SCHERING CORPORATION KENILWORTH, NJ STUDIES IN RESPIRATORY PHYSIOLOGY MSN HS-MED MEDICINE                      PULMON MED    (133-Q110)	2,000.00
167.	INDUSTRIAL RELATIONS RESEARCH ASSOCIATION MADISON, WI IRRI/IRRA ASSOCIATE EDITOR FOR THE PERIOD 12-01-89 THRU 06-30-90 MSN L&S    IND REL RES INST                      (133-Q111)	7,681.00
168.	PILLSBURY COMPANY MINNEAPOLIS, MN FOOD RELATED RESEARCH MSN ENGR    CHEMICAL ENGR                      (133-Q112)	4,000.00
169.	AMERICAN CANCER SOCIETY, INC. ATLANTA, GA GROUP PRACTICE CONSULTATIONS ON CANCER PREVENTION FOR THE PERIOD 01-01-90 THRU 12-31-91 AWARD # PBR-51 MSN HS-MED CANCER CTR                      PREV ONCOL    (133-Q113)	511,000.00
170.	EASTMAN KODAK COMPANY ROCHESTER, NY A LABORATORY STUDY ON THE POSTDEPOSITIONAL MOBILITY OF SILVER AT THE SEDIMENT/WATER INTERFACE FOR THE PERIOD 12-01-89 THRU 11-30-90 MSN ENGR    ENGR EXPR STA    WSEL                      (133-Q119)	27,789.00
171.	DANISCO BIOTECHNOLOGY A/S DENMARK ASTAXANTHIN FROM THE YEAST PHAFFIA RHODOZYMA MSN AG&LSC FOOD MICRO&TOXIC                      (133-Q126)	100,000.00
172.	MULTIPLE DONORS RESEARCH ON SOCIAL INSECTS MSN AG&LSC ENTOMOLOGY                      (133-Q127)	300.00
173.	WISCONSIN MILK MARKETING BOARD, INC. MADISON, WI BEHAVIOR OF SOME FOODBORNE PATHOGENS DURING PREPARATION OF PH-CONTROLLED LACTIC STARTER CULTURES AND IN RAW MILK CONTAINING LACTIC ACID BACTERIA FOR THE PERIOD 12-01-89 THRU 11-30-91 AWARD # 89-28 MSN AG&LSC FOOD SCIENCE                      (133-Q130)	51,000.00
174.	CHILDS (JANE COFFIN) MEMORIAL FUND FOR MEDICAL RESEARCH NEW HAVEN, CT JANE COFFIN CHILDS MEMORIAL FUND FOR MEDICAL RESEARCH FELLOWSHIP FOR THE PERIOD 01-01-90 THRU 12-31-92 MSN GRAD    MOLECULAR BIOL                      (133-Q131)	65,750.00

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175.	SSI TECHNOLOGIES, INC. JANESVILLE, WI METAL OXIDE-AQUEOUS SOLUTION INTERFACE MSN ENGR ENGR EXPER STA WSEL (133-Q132)	5,000.00
176.	BIODEX CORPORATION SHIRLEY, NY ORTHOPEDIC SURGERY RESEARCH MSN HS-HSP ADMINISTRATION ADMIN (133-Q133)	1,250.00
177.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI CHOLINERGIC AND PURINERGIC MODULATION OF CARDIAC INNERVATION FOR THE PERIOD 01-01-90 THRU 12-30-90 AWARD # 89-GA-65 MSN HS-MED PHYSIOLOGY (133-Q135)	16,586.00
178.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI ACTIVATION OF CARDIAC MUSCLE CONTRACTION BY CALCIUM AND ITS REGULATION BY CATECHOLAMINES FOR THE PERIOD 01-01-90 THRU 12-31-90 AWARD # 89-GA-67 MSN HS-MED PHYSIOLOGY (133-Q136)	19,840.00
179.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA THERMAL STORAGE APPLICATIONS AND RESEARCH CENTER FOR THE PERIOD 12-01-89 THRU 12-31-89 AWARD # RP 2732-28 MSN ENGR ENGR PRFSNL DVLP (133-Q137)	30,000.00
180.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUSAN JANE BLAKE KOCIN SCHOLARSHIP FUND MSN L&S ECONOMICS (133-Q138)	500.00
181.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY TREATMENT OF HEMATOLOGIC MALIGNANCIES MSN HS-MED MEDICINE HEMATOLOGY (133-Q139)	3,500.00
182.	RUTGERS UNIVERSITY PISCATAWAY, NJ REFINING INTERPRETATIONS OF SITE FORMATION AND HOMINID BEHAVIOR AT FLK ZINJANTHROPUS FOR THE PERIOD 05-01-88 THRU 04-30-89 MSN L&S ANTHROPOLOGY (133-Q142)	2,659.00
183.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SOLID STATE ELECTRONICS MSN ENGR ELEC & COM ENGR ELEC&COMP (133-Q143)	20,000.00

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184.	XOMA CORPORATION BERKELEY, CA XOMAZYME H65 MONOCLONAL ANTIBODY IN TREATMENT OF GRAFT VERSUS HOST DISEASE MSN HS-MED PEDIATRICS	(133-Q147)	1,000.00
185.	MIDDLE EAST EYE RESEARCH INSTITUTE ISREAL OPTIC DISC CUPPING IN A POPULATION IN THE NEGEV MSN HS-MED OPHTHALMOLOGY	(133-Q148)	7,541.28
186.	U.S. CANCER PAIN RELIEF COMMITTEE NEW YORK, NY JOURNAL FOR PAIN AND SYMPTON MANAGEMENT FOR THE PERIOD 01-01-90 THRU 06-30-90 MSN HS-MED NEUROLOGY	(133-Q150)	26,120.00
187.	ROCKEFELLER FOUNDATION NEW YORK, NY ROCKEFELLER FOUNDATION AFRICAN DISSERTATION INTERNSHIP MSN L&S POLITICAL SCI	(133-Q151)	21,000.00
188.	MULTIPLE DONORS DERMATOLOGY RESEARCH MSN HS-MED MEDICINE	DERMATOLGY (133-4911)	400.00
189.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC	(133-5328)	360,000.00
190.	TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL MSN AG&LSC ENTOMOLOGY	(133-6855)	
	10,200.00 MYCOGEN CORPORATION SAN DIEGO, CA		
	500.00 ROHM & HAAS COMPANY SPRING HOUSE, PA		
			10,700.00
191.	MULTIPLE DONORS SUPPORT NEUROPSYCHOLOGY LABORATORY OF THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-7446)	123.18
192.	CANNERS SEED CORPORATION LEWISVILLE, ID STUDY OF RESISTANCE OF SWEET CORN TO THE EUROPEAN CORN BORER MSN AG&LSC AGRONOMY	(133-9123)	500.00
193.	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI AGRONOMY SMALL GRAIN RESEARCH FUND MSN AG&LSC AGRONOMY	(133-9179)	14,606.20

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## RESEARCH

194.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT CANCER RESEARCH IN THE CLINICAL CANCER CENTER MSN HS-MED CANCER CTR	( 133-9268 )	56,461.18
195.	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
196.	WISCONSIN AGRONOMY CORN GENETICS RESEARCH FUND MSN AG&LSC AGRONOMY	( 133-9931 )	
	9,650.00 CARGILL HYBRID SEEDS MINNEAPOLIS, MN		
	16,691.00 NORTHRUP KING MINNEAPOLIS, MN		
			26,341.00

## STUDENT AID

1.	UNIVERSITY OF WISCONSIN FOUNDATION FREDERICK, TERENCE R. MADISON, WI HUMAN RESOURCES EDUCATIONAL FUND MSN AC SVC ADMINISTRATION ADMIN	( TRUST )	100.00
2.	CONTINENTAL BANK SCHULTE, HELEN D. TRUST CHICAGO, IL SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	( TRUST )	11,537.42
3.	PUGET SOUND NATIONAL BANK GRAU, CELIA N. TRUST TACOMA, WA GRAU, CELIA NEWMAN--STUDENT ASSISTANCE MSN L&S CLASSICS	( TRUST )	3,787.71
4.	EARNINGS ON MISC. INVESTMENTS MESSERSCHMIDT, DR. RAMONA--SCHOLARSHIP FUND IN CLINICAL PSYCHOLOGY MSN L&S PSYCHOLOGY	( TRUST )	380.07
5.	BROWN, DR. ROBERT O. & MADELINE CASPER, WY MEDICAL SCHOOL LOW INTEREST LOAN FUND MSN HS-MED ADMINISTRATION DEANS OFFC	( TRUST )	200.00
6.	ROWE, GEORGE GILES--SCHOLARSHIP MSN HS-MED	( TRUST )	
	95.00 MULTIPLE DONORS 500.00 BALLANTYNE, FORD III VERONA, WI		
			595.00

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7.	WISCONSIN ALUMNI CLUB OF MILWAUKEE PFLEGER, EMMY S. ESTATE MILWAUKEE, WI PFLEGER, EMMY S.--SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	( TRUST )	10,000.00
8.	EBLING, ELMER J. EAGLE RIVER, WI EBLING, ALBERT A.--SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( TRUST )	1,000.00
9.	NEWMAN, R.W. STAMFORD, CT NEWMAN, JEFFREY SCOTT--SCHOLARSHIPS MSN G SERV FELLOWS & SCHOLS	( TRUST )	500.00
10.	MULTIPLE DONORS WEIGLE, DICK--MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( TRUST )	232.00
11.	CHARAPATA, STEVEN M.D. & LINDA KANSAS CITY, MO WORDEN, DONALD F.--MEMORIAL SCHOLARSHIP FUND MSN HS-MED	( TRUST )	500.00
12.	PROCEEDS FROM MISC. INVESTMENTS MESSERSCHMIDT, DR. RAMONA--SCHOLARSHIP FUND IN CLINICAL PSYCHOLOGY MSN L&S PSYCHOLOGY	( TRUST )	332.81
13.	MULTIPLE DONORS SCHILLING, ROBERT F.--SCHOLARSHIP MSN HS-MED MEDICINE HEMATOLOGY	( TRUST )	720.00
14.	GENERAL MOTORS CORPORATION DETROIT, MI GENERAL MOTORS SCHOLARSHIP PLAN MSN ENGR OPERATIONS	(133-B280)	12,122.00
15.	WISCONSIN DAIRY TECHNOLOGY SOCIETY MADISON, WI PROFESSOR K. G. WECKEL MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-C979)	600.00
16.	BOEING COMPANY SEATTLE, WA SCHOLARSHIP IN ELECTRICAL OR MECHANICAL ENGINEERING MSN ENGR	(133-D820)	3,000.00
17.	HERTZ (FANNIE AND JOHN) FOUNDATION LIVERMORE, CA FANNIE AND JOHN HERTZ FOUNDATION FELLOWSHIP FOR THE PERIOD 08-31-81 THRU 08-31-90 AT A \$362,963.77 LEVEL MSN GRAD	(133-E820)	60,105.50



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18.	ROSSBACH (JACOB) SCHOLARSHIP FUND MENOMONEE FALLS, WI UNDERGRADUATE SCHOLARSHIP MSN HS-PHR PHARMACY	(133-F367)	2,023.78
19.	GENERAL MILLS, INC. MINNEAPOLIS, MN CHEMICAL ENGINEERING SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	(133-F716)	3,000.00
20.	COLLEGE OF ENGINEERING SCHOLARSHIP FUND MSN ENGR	(133-F731)	
	1,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	1,000.00 COOPER POWER SYSTEMS WAUKESHA, WI		
			2,000.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SPECIAL SUMMER PROGRAMS SCHOLARSHIP FUND MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-G930)	8,000.00
22.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GAMAGE (DAVID L) FUSION SCHOLARSHIP FUND FOR NUCLEAR ENGINEERING GRADUATE STUDENTS MSN ENGR NUC ENGR&E PHYSIC	(133-J160)	1,300.00
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELKO (JAMES P) MEMORIAL FUND FOR UNDERGRADUATE SCHOLARSHIPS IN NUCLEAR ENGINEERING MSN ENGR NUC ENGR&E PHYSIC	(133-J161)	1,068.00
24.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI F R C S SCHOLARSHIP MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-J511)	1,900.00
25.	AT & T BELL LABORATORIES SHORT HILLS, NJ AT & T BELL LABORATORIES COOPERATION RESEARCH FELLOWSHIP PROGRAM MSN ENGR CHEMICAL ENGR	(133-J629)	5,866.00
26.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WARREN R VON EHREN SCHOLARSHIP MSN HS-MED PREVENTIVE MED	(133-K801)	1,000.00
27.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN OF STUDENTS EMERGENCY FUND MSN G E A DEAN OF STUDENTS ADMIN	(133-L007)	3,000.00

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28.	FARMERS GROUP, INC. LOS ANGELES, CA FARMERS INSURANCE GROUP OF COMPANIES SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-L061)	1,000.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GEORGE AND MARGARET MEEK BISHOP SCHOLARSHIP FUND MSN L&S ECONOMICS (133-L062)	500.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI THEODORE D. TIEMANN MEMORIAL FUND MSN ENGR MAT SCI & ENGR (133-M327)	1,000.00
31.	NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION MCLEAN, VA STUDENT SCHOLARSHIPS - COLLEGE OF ENGINEERING MSN ENGR (133-M542)	4,000.00
32.	RISK AND INSURANCE MANAGEMENT SOCIETY, INC. MILWAUKEE, WI RIMS, INC. SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-N190)	500.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COOPER HARP SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC (133-N275)	20.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIPS IN CIVIL & ENVIRONMENTAL ENGINEERING MSN ENGR CIVIL & ENV ENGR (133-N957)	7,700.00
35.	MULTIPLE DONORS FLORENCE WAISMAN SCHOLARSHIP FUND MSN HS-MED ACAD AFFAIRS EDUC&ACAD (133-Q097)	515.00
36.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 11-01-89 THRU 01-13-90 AWARD # 89-11 DE VENECIA MSN ENGR CIVIL & ENV ENGR (133-Q098)	990.00
37.	FOUNDRY EDUCATIONAL FOUNDATION CLEVELAND, OH SCHOLARSHIP PROGRAM IN METALS CASTING MSN ENGR MAT SCI & ENGR (133-0767)	6,500.00
38.	CHEVRON U.S.A. INC. SAN FRANCISCO, CA CHEMICAL ENGINEERING FELLOWSHIP MSN ENGR CHEMICAL ENGR (133-0814)	16,000.00

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## UNIVERSITY OF WISCONSIN - MADISON

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39.	AMOCO FOUNDATION, INC. CHICAGO, IL AMOCO FOUNDATION DOCTORAL FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY (133-4569)	10,905.00
40.	MULTIPLE DONORS SCHOOL OF NURSING SCHOLARSHIP FUND MSN HS-NUR (133-8872)	50.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MINORITY ENGINEERING SCHOLARSHIP FUND MSN ENGR MINORITIES ENGR MINOR PROG (133-8953)	35,000.00

## UNRESTRICTED

1.	CITIZENS FIDELITY BANK & TRUST CO. GOLDSMITH, LORAIN S. LOUISVILLE, KY MADISON CHANCELLOR'S SPECIAL FUND MSN G E A ( TRUST )	7,599.66
2.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UNRESTRICTED ACCOUNT FOR BIOMATERIALS RESEARCH MSN ENGR CHEMICAL ENGR (133-N415)	6,000.00
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI URBAN AND REGIONAL PLANNING FACULTY ACTIVITIES MSN L&S URBAN & REG PLAN (133-N530)	75.00
4.	SEAUTON, INC. MADISON, WI ERGONOMICS AND HUMAN PERFORMANCE LABORATORY FUND MSN ENGR INDUSTRIAL ENGR (133-P227)	7,000.00

TOTAL MADISON	11,614,530.95 =====
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EXTENSION AND PUBLIC SERVICE	1,791,763.14
INSTRUCTION	98,530.00
LIBRARIES	91,981.00
MISCELLANEOUS	1,236,894.15
PHYSICAL PLANT	58,340.00
RESEARCH	8,096,797.71
STUDENT AID	219,550.29
UNRESTRICTED	20,674.66

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UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. ESTATE OF HERMAN W. SCHREIER  
MENOMONEE FALLS, WI  
A GIFT OF VARIOUS ASTRONOMICAL ITEMS  
MIL L&S PHYSICS
2. WILLIAM HORSTMAN  
SHOREWOOD, WI  
A GIFT OF ONE (1) TOSHIBA MICROWAVE OVEN  
TO THE DAYCARE CENTER  
MIL EDUC CHILD CARE
3. UWM FOUNDATION  
(ROBERT V. KRKORIAN)  
MILWAUKEE, WI  
A GIFT OF VARIOUS WORKS OF ART  
MIL F ARTS UWM ART MUSEUM ART MUSEUM

INSTRUCTION

1. DWIGHT D. EISENHOWER MATH AND SCIENCE EDUCATION  
ACT  
MADISON, WI  
90-174-BF  
PRIME CONTRACTOR WITH DED  
TEAMS: TEACHING TO ENHANCE AND APPLY THE  
MATHEMATICS STANDARDS IN GRADES 5 - 12  
FOR THE PERIOD 12-01-89 THROUGH 12-31-90  
MIL GRAD M-S ERC (144-BJ91) 23,241.00
2. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, D. C.  
MODERNIZATION OF PHYSICAL CHEMISTRY TEACHING  
LABORATORY AND OTHER ADVANCED UNDERGRADUATE  
COURSES  
FOR THE PERIOD 10-01-89 THROUGH 03-31-91  
AWARD # CHE-8951632-01  
MIL L&S CHEMISTRY (144-BE09) 4,170.00
3. PENNSYLVANIA DEPT OF TRANSPORTATION/  
PENNSYLVANIA STATE UNIVERSITY  
UNIVERSITY PARK, PA  
89-259-NM  
PRIME CONTRACTOR WITH TRANS  
PENNSYLVANIA RURAL TRANSPORTATION ASSISTANCE  
PROGRAM TECHNICAL ASSISTANCE TRAINING  
FOR THE PERIOD 04-04-89 THROUGH 04-06-91  
AWARD # C0006-540  
MIL DOCE PRFNL RSORC DVLP TRANSPORTN (144-BC98) 77,313.00
4. UWM FOUNDATION  
ALUMNI HOUSE  
MILWAUKEE, WI  
CEAS POWER SYSTEM RESEARCH FUND #854  
MIL ENG&AS CIVIL ENGINEER'G (133-M379) 2,000.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

5.	MILWAUKEE FOUNDATION (VIA UWM FOUNDATION ACCOUNT 232) MILWAUKEE, WI THE INTERDISCIPLINARY REHABILITATION CLINIC: A MODEL FOR UNINSURED NEUROGENIC CLIENTS AND THEIR SPOUSES FOR THE PERIOD 10/01/89 THROUGH 09/30/90 MIL A H P INT CLINIC	(133-N500)	10,000.00
6.	MILWAUKEE PUBLIC SCHOOLS (N/D COLLEGE BOARD) MILWAUKEE, WI 90-219-BF WRITING ACROSS THE CURRICULUM: A STAFF DEVELOPMENT PROGRAM FOR SOUTH DIVISION HIGH SCHOOL FOR THE PERIOD 09/01/89 THROUGH 06/30/90 MIL EDUC ADMIN LEADERSHIP	(133-Q124)	4,500.00
7.	AMERICAN ASSOCIATION OF UNIVERSITY WOMEN WEST SUBRUBAN MILWAUKEE BRANCH ELM GROVE, WI 90-019-LK CONTRIBUTION TO THE CENTER FOR ECONOMIC EDUCATION MIL L&S ECONOMIC EDUC	(133-4849)	50.00
8.	INDUSTRY/STUDENT TEAM DESIGN PROJECTS MIL ENG&S MECHANICAL ENGR	(133-8722)	
	400.00 MERCURY MARINE FOND DU LAC, WI		
	400.00 TRAK INTERNATIONAL PORT WASHINGTON, WI		
	600.00 TAYLOR COMPANY ROCKTON, IL		
			1,400.00

MISCELLANEOUS

1.	ESTATE OF INEZ L. BONNIN C/O RICHARD BLAHNIK (BANK ONE TRUST COMP) GREEN BAY, WI CHANCELLOR'S UNRESTRICTED ACCOUNT MIL CHAN O CHANCELLORS OFF CHANC OFF	(133-K575)	10,000.00
2.	BOLEY INTERNATIONAL SUBSCRIPTION AGENCY BLACKWOOD, NEW JERSEY A GIFT TO ASSIST IN THE PROCESSING OF SERIAL RENEWAL INVOICES MIL LIBR LIBRARY	(133-N467)	9,000.00
3.	TASHIO KATO/KAGAKU SHRON LTD. TAKYO, JAPAN 90-222-LK PRESERVATION AND RESTORATION OF MAPS OF THE FAR EAST PUBLISHED BY THE JAPANESE ARMY MIL LIBR A G S COLLECTION	(133-Q121)	4,000.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

UNIVERSITY OF WISCONSIN - MILWAUKEE

## MISCELLANEOUS

4.	VARIOUS MILWAUKEE, WI UW-MILWAUKEE ASTRONOMY PROGRAM MIL L&S     PHYSICS	(133-Q152)	80.00
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## RESEARCH

1.	WISCONSIN DEPARTMENT OF HEALTH AND SOCIAL SERVICES MADISON, WI 90-238-NM PRIME CONTRACTOR WITH DED INSTITUTE FOR SUPPORTED EMPLOYMENT FOR THE PERIOD 11-01-89 THROUGH 10-31-90 AWARD # P.O. NO. FEJ37968 MIL GRAD    URBAN RESRCH CTR	(144-BJ67)	52,491.00
2.	DHHS PHS NIH BETHESDA, MD EFFECTS OF PATIENT EDUCATION AND PSYCHOSOCIAL SUPPORT FOR THE PERIOD 12-01-88 THROUGH 11-30-90 AWARD # 5 RO1 NRO1539-03 MIL NURS    FNDTNS OF NURS'G FNDT NURS'	(144-AR83)	20,742.00
3.	DHHS, PHS, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD PREPARING TO PARENT THE ADOLESCENT FOR THE PERIOD 01-01-90 THROUGH 12-31-90 AWARD # 5 RO1 NRO2214-02 MIL NURS    FNDTNS OF NURS'G FNDT NURS'	(144-AT50)	151,814.00
4.	DOD, AIR FORCE GRIFFISS AIR FORCE BASE, NY 90-038-NM MICROFORCES IN ELECTRO-MIGRATION FOR THE PERIOD 09-22-89 THROUGH 09-30-90 AWARD # F30602-89-C-0211 MIL L&S    PHYSICS	(144-BH22)	102,390.00
5.	DOD, AIR FORCE WASHINGTON, DC SHIFT OPERATOR MATRIX (SOM) FORMALISM AND ITS APPLICATION TO CHEMICAL/PHYSICAL SYSTEMS FOR THE PERIOD 08-01-88 THROUGH 07-31-91 AWARD # AFOSR-88-0288-B MIL L&S    PHYSICS	(144-AN54)	77,506.00
6.	U. S. ARMY RESEARCH OFFICE RESEARCH TRIANGLE PARK, NC PROCESS PARAMETER/GROWTH ENVIRONMENT/FILM PROPERTY RELATIONSHIPS FOR REACTIVE SPUTTER DEPOSITED METAL (V, NB, ZR, Y, AU) OXIDE, NITRIDE, AND OXYNITRIDE FILMS FOR THE PERIOD 01-01-89 THROUGH 12-31-90 AWARD # DAAL03-89-K-0022 P00001 MIL ENG&AS MATERIALS	(144-AT49)	84,129.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

7. DOD, NAVY  
ARLINGTON, VA  
IN SUPPORT OF THE FOLLOWING:
- 1) BULK WAVE CHARACTERIZATION OF HIGH TC  
SUPERCONDUCTORS  
FOR THE PERIOD 04-01-88 THROUGH 12-31-90  
AWARD # NO0014-88-K-0046 P00002  
MIL L&S PHYSICS (144-AE62) 113,000.00
  - 2) THEORETICAL STUDY OF REACTING GAS JETS  
SUBMERGED IN LIQUID METALS  
FOR THE PERIOD 10-01-88 THROUGH 09-30-89  
AWARD # NO0014-89-J-1267  
MIL ENG&AS MECHANICAL ENGR (144-AT10) 87,160.00
  - 3) MECHANISMS OF SOLID LUBRICATION OF GRAPHITE  
IN CAST ALUMINUM GRAPHITE COMPOSITES  
FOR THE PERIOD 08-01-87 THROUGH 07-31-90  
AWARD # NO0014-87-K-0399-P2  
MIL ENG&AS MATERIALS (144-Z522) 69,000.00
8. ENVIRONMENTAL PROTECTION AGENCY  
CHICAGO, IL  
87-554-NM  
APPLICATION OF THE MASS BALANCE APPROACH TO  
GREEN BAY: SEDIMENT LOADING, FLUXES AND  
REDISTRIBUTION OF PCB'S, DIELDRIN AND OTHER  
CHLORINATED HYDROCARBONS, TRACE INORGANICS AND  
RADIONUCLIDES. FOR THE PERIOD 9/1/89 - 8/31/90  
FOR THE PERIOD 08-25-88 THROUGH 08-31-90  
AWARD # R005017-02  
MIL GRAD GT LKS ST, CTR F (144-AP94) 10,000.00-
9. TRANSPORTATION, DEPT OF  
WASHINGTON, D. C.  
MATERIALS AND METHODS FOR REGROUTING PARTIALLY  
FILLED DUCTS  
FOR THE PERIOD 05-01-89 THROUGH 07-31-91  
AWARD # DTFH61-89-C-00008  
MIL ENG&AS CIVIL ENGINEER'G (144-AY24) 108,746.00
10. MIDWEST RESEARCH TECHNOLOGIES  
MILWAUKEE, WI  
CONSULTATION AND ANALYSIS DURING THE QUARTER  
JULY THROUGH SEPTEMBER 1989  
FOR THE PERIOD 07/01/87 THROUGH 09/30/89  
AWARD # P.O. 9254  
MIL L&S PHYSICS (133-E596) 925.00
11. UWM FOUNDATION, ACCT. NO. 318.0  
TRANSFER FROM 318.0 TO 133G400  
MILWAUKEE, WI  
DISCRETIONARY USE FOR RESEARCH AND SPECIAL  
PROJECTS  
MIL L&S ECONOMIC EDUC ECON EDUC (133-G400) 15,000.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

12.	WISCONSIN ELECTRIC POWER CO. MILWAUKEE, WI PROTECTIVE THIN FILM PROJECT FOR THE PERIOD 10/13/86 THROUGH 10/12/99 AWARD # NONE MIL L&S      PHYSICS	(133-K999)	20,000.00
13.	A.O. SMITH MILWAUKEE, WI AFFILIATE PROGRAM FOR WATERJET TECHNOLOGY FOR THE PERIOD 07/01/89 THROUGH 06/30/90 AWARD # CHECK NO. 052710 MIL ENG&AS ADMINISTRATION	(133-N131)	8,000.00
14.	VARIOUS (NORDBERG INC) MILWAUKEE, WI COMPRESSION TESTS AWARD # CHECK #E12810 MIL ENG&AS CIVIL ENGINEER'G	(133-N194)	450.00
15.	MILWAUKEE SPINAL SPECIALISTS MILWAUKEE, WI COLLABORATIVE RESEARCH FOR THE PERIOD 09/01/88 THROUGH 08/31/90 MIL A H P      GENERAL      ADMIN	(133-N362)	170,530.00
16.	SQUARE D COMPANY MILWAUKEE, WI VIBRATION TESTING OF EQUIPMENT FOR THE PERIOD 10/03/89 THROUGH 10/14/89 MIL ENG&AS CIVIL ENGINEER'G	(133-P193)	810.81
17.	UWM FOUNDATION MILWAUKEE, WI RESEARCH SUPPORT FOR GEOSCIENCES MIL L&S      GEO	(133-P847)	1,990.00
18.	UNIVERSAL FOODS MILWAUKEE, WI 90-118-NM AN INVESTIGATION OF THE EFFECTIVENESS OF ASTAXANTHIN AS A FISH FLESH COLOR ENHANCER FOR THE PERIOD 11/01/89 THROUGH 02/01/90 MIL GRAD      GT LKS ST, CTR F	(133-Q004)	3,388.00
19.	KENOSHA COUNTY HEALTH DEPT. KENDSHA, WI 90-201-BF AVAILABILITY AND ACCESSIBILITY OF PRE-NATAL SERVICES TO LOW INCOME WOMEN IN KENOSHA CO. FOR THE PERIOD 11/15/89 THROUGH 01/15/90 MIL NURS      FNDTNS OF NURS'G FNDT NURS'	(133-Q122)	4,181.00
20.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA 90-047-NM LOW COST CONSTRUCTION MATERIALS TO IMPROVE CONSTRUCTION TECHNOLOGIES FOR THE PERIOD 11/13/89 THROUGH 12/31/89 AWARD # RP3176-1 MIL ENG&AS CIVIL ENGINEER'G	(133-Q123)	10,000.00



GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

21. NATIONAL MINERALS  
ST PAUL, MN  
90-245-NM  
AFFILIATE PROGRAM FOR BY-PRODUCT UTILIZATION  
FOR THE PERIOD 10/01/89 THROUGH 09/30/90  
AWARD # CHECK NO. 09472  
MIL ENG&AS CIVIL ENGINEER'G (133-Q128) 5,000.00
22. MILWAUKEE COUNTY SOCIAL SERVICES (P/C  
DHSS  
MILWAUKEE, WI  
90-261-LK  
CHILD CARE CAPACITY BUILDING PROJECT  
MIL EDUC ADMINISTRATION (133-Q154) 2,794.00

## STUDENT AID

1. EDUCATION, DEPT OF  
WASHINGTON, D.C.  
PELL GRANT PROGRAM  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # PO63P97122  
MIL STU AF FINANCIAL AID PROV'L&SUP (148-B090) 1,600,596.00
2. UWM FOUNDATION #670  
MILWAUKEE, WI  
SCHOOL OF ARCHITECTURE AND URBAN PLANNING  
SCHOLARSHIP FUND  
MIL ARC&UP ADMINISTRATION ADMIN (133-A492) 3,679.35
3. UWM FOUNDATION  
MILWAUKEE, WI  
CEAS-GATEWAY TO ENGINEERING, SCIENCE AND TECH  
(GEST)  
FOR THE PERIOD 05/01/84 THROUGH 06/30/99  
MIL ENG&AS ADMINISTRATION PRECOLLEGE (133-G404) 4,000.00

TOTAL MILWAUKEE 2,854,076.16  
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INSTRUCTION	122,674.00
MISCELLANEOUS	23,080.00
RESEARCH	1,100,046.81
STUDENT AID	1,608,275.35

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

UNIVERSITY OF WISCONSIN - EAU CLAIRE

## RESEARCH

1.	MID-STATE ASSOCIATES, INC MADISON, WI ARCHAEOLOGICAL SURVEY S.T.H. 64 ROAD ST. CROIX COUNTY FOR THE PERIOD 11-28-89 THROUGH 12-31-89 EAU ART&SC SOCIAL & ANTHROP	(133-0037)	500.00
2.	RESEARCH CORPORATION TUCSON, AZ CYCLOPROPENES IN HIGHLY STRAINED TRICYCLIC SYSTEMS FOR THE PERIOD FROM 01-01-90 EAU ART&SC CHEMISTRY	(133-9079)	8,820.00
	TOTAL EAU CLAIRE		9,320.00 =====
	RESEARCH		9,320.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - GREEN BAY

## MISCELLANEOUS

1. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COFRIN ARBORETUM DIRECTOR'S GRANT GBY COM PR GENERAL	(133-K756)	90.00
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## RESEARCH

1. WISC DEPT OF DEVELOPMENT MADISON, WI DEVELOPMENT OF BUSINESS PLAN FOR HI-TECH INDUSTRIES, INC. FOR THE PERIOD 04-01-89 THRU 09-30-89 GBY PRF ST BUSINESS ADMIN	(133-Q099)	5,000.00
2. KIMBERLY (VILLAGE OF) KIMBERLY, WI KIMBERLY URBAN DESIGN PROJECT GBY COM SC URB & PUB AFFAIR CTR PUB AF	(133-Q103)	8,734.02

## UNRESTRICTED

1. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR PERFORMING ARTS DIRECTOR ACCOUNT GBY COM PR GENERAL	(133-N642)	16,309.59
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TOTAL GREEN BAY		30,133.61
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MISCELLANEOUS	90.00
RESEARCH	13,734.02
UNRESTRICTED	16,309.59

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - LACROSSE

## EXTENSION AND PUBLIC SERVICE

1. GEORGETOWN UNIVERSITY  
WASHINGTON, DC  
PRIME CONTRACTOR WITH AID  
SUPPORT FOR ADMINISTRATION OF INTERNATIONAL  
PROGRAMS  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
LAC EX DIV INTER EDUC OFF (144-5066) 81,934.00
2. SPARTA SCHOOL DISTRICT  
SPARTA, WI  
FUNDS TO PROVIDE COUNSELLING SERVICES UNDER  
"CHILD AT RISK" PROGRAM  
FOR THE PERIOD 11-01-89 THROUGH 06-30-90  
LAC EX DIV EXTENDED SVCS EXT SVCS (133-0610) 10,139.00
3. WISCONSIN ASSOCIATIONS OF HEALTH, P.E.,  
RECREATION AND DANCE  
MADISON, WI  
FUNDS TO ADMINISTER WAHPERD FOR 1989-90  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
LAC H,PE&R PHYSICAL EDUC (133-2506) 15,000.00
4. MULTIPLE DONORS  
FUNDS FROM ON-AIR FUNDRAISING FOR PUBLIC RADIO  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
LAC L&S MASS COMMUNICATNS (133-6312) 22,754.00
5. CORPORATION FOR PUBLIC BROADCASTING  
WASHINGTON, DC  
1989-90 PUBLIC BROADCASTING (RADIO)  
FOR THE PERIOD 10-01-89 THROUGH 09-30-90  
AWARD # R10150  
LAC L&S MASS COMMUNICATNS (133-6314) 93,775.00
6. MULTIPLE DONORS  
LACROSSE, WI  
IN SUPPORT OF A PUBLIC PROGRAM ON TROUT FISHING  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
LAC L&S PSYCHOLOGY (133-7809) 291.00
7. MULTIPLE DONORS  
LACROSSE, WI  
SUPPORT FOR HUNTING AND FISHING RESEARCH  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
LAC L&S PSYCHOLOGY (133-7826) 500.00

## INSTRUCTION

1. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
FUNDS TO SUPPORT THE REFUNDING OF SCIENCE CENTERS  
PROGRAM  
(REDUCED TO REFLECT OBLIGATION ONLY OF FIRST  
YEAR FUNDING)  
FOR THE PERIOD 09-01-89 THROUGH 08-31-90  
AT A TOTAL COST OF \$48,197.00  
LAC EDUC CTR-ED PROFESSNS (144-1204) 7,908.00-

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - LACROSSE

## INSTRUCTION

2. UW-LACROSSE FOUNDATION  
LACROSSE, WI  
ENHANCEMENT OF TEACHING GRANT  
FOR THE PERIOD 01-01-90 THROUGH 12-31-90  
LAC L&S DEANS OFFICE (133-0108) 900.00

## MISCELLANEOUS

1. UW-LACROSSE FOUNDATION  
LACROSSE, WI  
REIMBURSEMENT FUNDS TO UNIVERSITY FOR PORTION  
OF DEVELOPMENT DIRECTOR'S SALARY  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
LAC EX DIV DEVELOPMENT OFF DEVEL OFF (133-0502) 5,551.00

2. UW-LACROSSE FOUNDATION  
LACROSSE, WI  
MISCELLANEOUS SUPPORT FOR THE DIVISION OF HEALTH,  
RECREATION, AND PHYSICAL EDUCATION  
FOR THE PERIOD 10-01-89 THROUGH 12-31-89  
LAC H,PE&R DEANS OFFICE (133-1102) 300.00

## RESEARCH

1. INTER, FISH AND WILDLIFE SERVICE  
WASHINGTON, DC  
TO PROVIDE TECHNICAL SERVICES FOR ENVIRONMENTAL  
MANAGEMENT  
AWARD # 14-16-0003-89-948-1  
LAC L&S GEOGRAPHY (144-4301) 34,000.00

2. WISC DEPT OF NATURAL RESOURCES  
MADISON, WI  
ADDITION FUNDS FOR RESEARCH ON MERCURY  
CONTAMINATION  
FOR THE PERIOD 10-01-89 THROUGH 12-31-89  
AWARD # RP2020-10  
LAC L&S BIOL & MICROBIOL (133-1614) 15,850.00

3. WISC DEPT OF NATURAL RESOURCES  
MADISON, WI  
ADDITION FUNDS FOR RESEARCH ON MERCURY  
CONTAMINATIONS  
FOR THE PERIOD 10-01-89 THROUGH 12-31-89  
AWARD # RP2020-10  
LAC L&S BIOL & MICROBIOL (133-1615) 6,000.00

4. IBM  
ROCHESTER, MN  
FUNDS FOR THE TESTING OF IBM SOFTWARE  
FOR THE PERIOD 07-01-89 THROUGH 12-31-89  
AWARD # 631826-29,631857  
LAC L&S COMPUTER SCIENCE (133-2502) 117,819.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

UNIVERSITY OF WISCONSIN - LACROSSE

STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC ADDITION TO COLLEGE WORK STUDY AWARD FOR THE PERIOD 07-01-89 THROUGH 06-30-90 AWARD # P033A94552 LAC STU DE DEANS OFFICE	(145-0211)	5,992.00
TOTAL LACROSSE		402,897.00 =====
EXTENSION AND PUBLIC SERVICE	224,393.00	
INSTRUCTION	7,008.00-	
MISCELLANEOUS	5,851.00	
RESEARCH	173,669.00	
STUDENT AID	5,992.00	

GIFTS, GRANTS AND CONTRACTS  
 JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - OSHKOSH

## GIFT-IN-KIND

1. BUCKSTAFF COMPANY  
 OSHKOSH, WI  
 VARIOUS FURNITURE ITEMS GIVEN TO THE COLLEGE OF  
 NURSING TO REFURNISH THE COLLEGE RESEARCH CENTER.  
 OSH NURS COLLEGE WIDE

## INSTRUCTION

- |    |  |           |
|----|--|-----------|
| 1. | WISCONSIN LIBRARY ASSOCIATION INC<br>MADISON, WI<br>IN SUPPORT OF 10-27-89 PERFORMAX WORKSHOP<br>OSH EDUC INSTRUCTION (133-3311)   | 234.00    |
| 2. | UW-FOUNDATION<br>OSHKOSH, WI<br>FUNDS IN SUPPORT OF PHOTOGRAPHICS VIDEO PROJECT<br>OSH CHANC DIR OF DEVELOP (133-3312)   | 5,000.00  |
| 3. | UW-FOUNDATION<br>OSHKOSH, WI<br>FUNDS IN SUPPORT OF PURCHASE OF A KARAWELL<br>READER-PRINTER<br>OSH CHANC DIR OF DEVELOP (133-3313)  | 5,210.00  |
| 4. | MULTIPLE DONORS<br>TO PROVIDE UW-OSHKOSH FOX VALLEY WRITING PROJECT<br>SERVICES TO VARIOUS WISCONSIN SCHOOL DISTRICTS<br>FOR THE PERIOD 06-15-89 THROUGH 06-01-90<br>OSH EDUC INSTRUCTION (133-3315) | 16,600.00 |

## LIBRARIES

- |    |  |          |
|----|--|----------|
| 1. | UW-FOUNDATION<br>OSHKOSH, WI<br>FUNDS IN SUPPORT OF PURCHASE OF RELIGION BOOKS<br>OSH LIBR OPERATIONS (133-3314) | 5,000.00 |
|----|--|----------|

TOTAL OSHKOSH	32,044.00 =====
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INSTRUCTION	27,044.00
LIBRARIES	5,000.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - PARKSIDE

## GIFT-IN-KIND

1. S.C. JOHNSON & SON  
RACINE, WI  
CALCOMP GRAPHICS PLOTTER, MODEL 945 (USED)  
D-SIZE, ROLL-TYPE, 4 PEN PLOTTER  
PKS SCI&TE ENGR SCI

## MISCELLANEOUS

1. REGIONAL STAFF DEVELOPMENT CENTER  
PKS G E A CHANCELLORS OFF ADMIN (133-M132)

537.50	UNION GROVE HIGH SCHOOL UNION GROVE, WI
712.50	CENTRAL HIGH SCHOOL SALEM, WI
681.80	JOINT SCHOOL DISTRICT NO. 9 WILMOT, WI
500.00	WILMOT UNION HIGH SCHOOL WILMOT, WI
1,050.00	CARTHAGE COLLEGE KENOSHA, WI
756.00	BRISTOL SCHOOL DISTRICT BRISTOL, WI
15,000.00	RACINE UNIFIED SCHOOL DISTRICT RACINE, WI
540.00	UNION GROVE SCHOOL DISTRICT UNION GROVE, WI
712.50	CENTRAL/WESTOSHA UNION HIGH SCHOOL WESTOSHA, WI
4,650.00	COUNTY OF RACINE RACINE, WI
625.00	WATERFORD SCHOOL DISTRICT WATERFORD, WI
550.00	WATERFORD UNION HIGH SCHOOL WATERFORD, WI
690.00	YORKVILLE JOINT DISTRICT #2 YORKVILLE, WI

27,005.30

## PHYSICAL PLANT

1. HOUSING AND URBAN DEVELOPMENT, DEPT OF  
WASHINGTON, DC  
INTEREST SUBSIDY GRANT FOR STUDENT UNION  
AWARD # CH WIS 142(S)  
PKS

41,707.00



GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - PARKSIDE

## RESEARCH

- |    |   |            |          |
|----|---|------------|----------|
| 1. | ADVANTAGE MARKETING GROUP<br>HAVRE DE GRACE, MD<br>CENTER FOR SURVEY AND MARKETING RESEARCH<br>PKS AC SUP SURV&MKT R  | (133-N258) | 1,000.00 |
| 2. | J.I. CASE COMPANY<br>RACINE, WI<br>REGIONAL STAFF DEVELOPMENT CENTER (SCIENCEMOBILE)<br>PKS G E A CHANCELLORS OFF ADMIN   | (133-P211) | 5,000.00 |
| 3. | EATON CORPORATION<br>MILWAUKEE, WI<br>DEVELOPMENT OF PERFORMANCE PARAMETERS FOR<br>ABRASIVE JET CUTTING OF GLASS/COMPOSITE MATERIALS<br>AWARD # O373-11-1608<br>PKS SCI&TE ENGR SCI | (133-Q141) | 8,683.00 |

## STUDENT AID

- |    |  |            |          |
|----|--|------------|----------|
| 1. | AMSTED INDUSTRIES<br>CHICAGO, IL<br>U.W. PARKSIDE MEMORIAL SCHOLARSHIP FUND (PKS)<br>PKS BUS SV FELLOWS & SCHOLS | ( TRUST )  | 1,500.00 |
| 2. | MC CONNELL-ROBINSON SCHOLARSHIP FUND<br>PKS BUS SV FELLOWS & SCHOLS  | (133-Q149) |          |
|    | 500.00 MULTIPLE DONORS<br>500.00 MC CONNELL (EDNA R) TRUST<br>RACINE, WI   |            |          |

1,000.00

TOTAL PARKSIDE

85,895.30  
=====

MISCELLANEOUS	27,005.30
PHYSICAL PLANT	41,707.00
RESEARCH	14,683.00
STUDENT AID	2,500.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - PLATTEVILLE

## EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF TRANSPORTATION  
MADISON, WI  
STUDY TO DETERMINE MOISTURE LEVELS IN  
ASPHALT PLANT PLUMES  
FOR THE PERIOD 02-20-89 THROUGH 12-29-89  
AWARD # 0624-32-63  
PLT ENGR CIVIL ENGR (133-0472) 14,086.16
2. NATIONAL FFA FOUNDATION  
ALEXANDRIA, VA  
CURRICULUM DEVELOPMENT PROJECT FOR AN AG  
MARKETING PRIMER-DAIRY EMPHASIS  
FOR THE PERIOD 09-01-89 THROUGH 07-30-90  
AWARD # 029710  
PLT AGRIC DEAN OF AGRIC (133-0476) 24,000.00

## GIFT-IN-KIND

1. CURTIS, ALVIN  
OSHKOSH, WI  
HANDCRAFTED WOODEN MUSIC STAND  
PLT ART&SC MUSIC
2. MICRO-SWITCH  
FREEPORT, IL  
ULTRA SONIC DISTANCE MEASURING TRANSDUCERS:  
6 #943-U4A-2B-1FS; 11 #942-U3A-2B-1F2; 21  
#942-U4A-2D-1G2; 18 #942-U4A-3C-1F2  
PLT ENGR MECHANICAL ENGR

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, WI  
IN SUPPORT OF THE FOLLOWING:
  - 1) STATEWIDE MODEL FOR MIDDLE SCHOOL MATHEMATICS  
TRAINING  
FOR THE PERIOD 03-31-89 THROUGH 11-30-89  
AWARD # PAI 02559  
PLT EDUC TEACHING (144-0473) 27,000.00
  - 2) MIDDLE SCHOOL MATHEMATICS TEACHING TRAINING  
FOR THE PERIOD 05-03-89 THROUGH 11-30-89  
AWARD # G1490801  
PLT EDUC TEACHING (144-0474) 20,000.00
2. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
PERFORMANCE ANALYSES FOR THERMAL POWER  
AND REFRIGERATION  
FOR THE PERIOD 06-15-89 THROUGH 11-30-91  
AWARD # USE-8950462  
PLT ENGR MECHANICAL ENGR (144-0475) 21,200.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - PLATTEVILLE

## INSTRUCTION

3. WI DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRECOLLEGE MINORITY ENGINEERING EXPERIENCE PROGRAM  
FOR THE PERIOD 07-01-89 THROUGH 06-30-89  
PLT ENGR CIVIL ENGR (133-0478) 7,777.00
4. IOWA STATE UNIVERSITY  
AMES, IA  
DEVELOPMENT PROGRAM IN CROP PRODUCTION  
FOR THE PERIOD 05-30-89 THROUGH 06-02-89  
PLT AGRIC AGR ENGINEERING (133-0479) 1,800.00

## MISCELLANEOUS

1. WISCONSIN DIVISION OF HEALTH  
MADISON, WI  
AIDS/HIV PEER EDUCATION PROJECT  
FOR THE PERIOD 04-25-88 THROUGH 10-31-88  
PLT S HLTH STUDENT HEALTH (133-0477) 5,000.00

## RESEARCH

1. UW MADISON  
MADISON, WI  
WOMEN OF COLOR IN THE CURRICULUM PROJECT  
FOR THE PERIOD 08-08-89 THROUGH 06-30-90  
(\$1,800.00)  
AWARD # 133-P388  
PLT ART&SC WOMENS STUDIES (133-0480)

TOTAL PLATTEVILLE

120,863.16

=====

EXTENSION AND PUBLIC SERVICE	38,086.16
INSTRUCTION	77,777.00
MISCELLANEOUS	5,000.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

UNIVERSITY OF WISCONSIN - RIVER FALLS

STUDENT AID

1.	MULTIPLE DONORS		
	UW - RIVER FALLS THEATRE SCHOLARSHIP (RVF)		
	RVF ART&SC SPEECH	( TRUST )	400.00
2.	MULTIPLE DONORS		
	UW - RIVER FALLS MUSIC SCHOLARSHIP (RVF)		
	RVF ART&SC MUSIC	( TRUST )	219.00
	TOTAL RIVER FALLS		619.00
			=====

STUDENT AID 619.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - STEVENS POINT

## EXTENSION AND PUBLIC SERVICE

1. WISCONSIN WINNEBAGO BUSINESS COMMITTEE  
TOMAH, WI  
WISCONSIN WINNEBAGO CENSUS TABULATION  
FOR THE PERIOD 10-31-89 THROUGH 01-26-90  
STP AC AFF CONT ED & OTRCH WAIED (133-6222) 3,500.00

## INSTRUCTION

1. WISCONSIN ARTS BOARD  
MADISON, WI  
PRIME CONTRACTOR WITH NEA  
THE NORTHERN REVIEW  
FOR THE PERIOD 07-01-88 THROUGH 06-30-89  
AWARD # FY89-214-10580  
STP AC SUP STU ASSISTANCE ACAD A CTR (144-6514) 2,590.00
2. WI DEPT OF NATURAL RESOURCES  
RHINELANDER, WI  
GEOCHEMISTRY OF NATURAL WATERS, GEOL 486/687  
FOR THE PERIOD 09-07-89 THROUGH 12-21-89  
STP AC AFF CONT ED & OTRCH CON ED&OTR (133-2178) 4,690.00
3. MICHAEL OKRAY  
STEVENS POINT, WI  
FUNDS FOR THE DEVELOPMENT OF HEALTH ENHANCEMENT  
CENTER CONCEPT  
FOR THE PERIOD FROM 11-01-89  
STP COPS SCHOOL OF HPERA HLTH & PE (133-7014) 10,970.00
4. PORTAGE COUNTY PLANNING & ZONING DEPARTMENT  
STEVENS POINT, WI  
SUPPORT OF ROUTINE DUTIES OF THE PLANNING/ZONING  
DEPARTMENT  
FOR THE PERIOD 10-02-89 THROUGH 12-01-89  
STP CONR NATURAL RESOURCS NAT RESRCS (133-8546) 1,100.00

## LIBRARIES

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
THE ELECTRONIC DESKTOP REFERENCE LIBRARY: LIBRARY  
REFERENCE MATERIAL SHARING BETWEEN THE UNIVERSITY  
LIBRARY AND THE MARSHFIELD AND WAUSAU CENTERS  
FOR THE PERIOD 01-01-90 THROUGH 12-31-92  
AWARD # R197A90156  
STP AC SUP ACAD COMP SVCS (144-2805) 73,246.00

## RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
MEMBRANE DYNAMICS IN AMOEBOID SPERM OF ASCARIS  
FOR THE PERIOD 04-01-89 THROUGH 03-31-92  
AWARD # TMP 1 R15 GM42081-01  
STP COLS BIOLOGY (144-5602) 99,020.00

GIFTS, GRANTS AND CONTRACTS  
 JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - STEVENS POINT

## RESEARCH

2.	NATIONAL WILD TURKEY FEDERATION, INC WESTBY, WI FACTORS AFFECTING WILD TURKEY POPULATIONS IN EASTCENTRAL WISCONSIN FOR THE PERIOD 09-01-89 THROUGH 06-30-90 STP CONR NATURAL RESOURCS NAT RESRCS (133-8507)	8,000.00
3.	WI DEPT OF NATURAL RESOURCES MADISON, WI OPTIMUM MANURE APPLICATION RATE FOR CROP PRODUCTION AND GROUNDWATER PROTECTION FOR THE PERIOD 09-11-89 THROUGH 06-30-90 STP CONR NATURAL RESOURCS NAT RESRCS (133-8540)	20,901.00
4.	WI DEPT OF NATURAL RESOURCES MADISON, WI BASELINE DATA ACQUISITION ON STATE NATURAL AREAS FOR THE PERIOD 06-12-89 THROUGH 06-30-90 STP CONR NATURAL RESOURCS NAT RESRCS (133-8541)	1,500.00
	TOTAL STEVENS POINT	225,517.00 =====
	EXTENSION AND PUBLIC SERVICE	3,500.00
	INSTRUCTION	19,350.00
	LIBRARIES	73,246.00
	RESEARCH	129,421.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - STOUT

## EXTENSION AND PUBLIC SERVICE

1. GENERAL ELECTRIC COMPANY  
CHERRY HILL, NJ  
FUNDS FOR TWO ONE-WEEK STUDY TOUR PROGRAMS FOR  
GROUPS OF 10 TURKISH M.O.E. MANAGERS IN THE  
FIELD OF NONFORMAL VOCATIONAL TRAINING  
FOR THE PERIOD 12-01-89 THROUGH 01-13-90  
AWARD # G900153-J30  
STO I&TECH CTR FOR VTAE      CTR VTAE      (133-0717)      11,646.00

## INSTRUCTION

1. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
INSTRUCTIONAL SUPERVISION - VTAE WORKSHOP,  
1989-90  
FOR THE PERIOD 10-01-89 THROUGH 06-30-90  
AWARD # 30-108-150-230  
STO I&TECH CTR FOR VTAE      CTR VTAE      (144-0704)      9,361.00
2. WI BRD OF VOC TECH & ADULT EDUCATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
ELEMENTS OF INSTRUCTION - VTAE WORKSHOP  
FOR THE PERIOD 11-01-89 THROUGH 06-30-90  
AWARD # 30-107-150-230  
STO I&TECH CTR FOR VTAE      CTR VTAE      (144-0713)      9,500.00

## MISCELLANEOUS

1. FUNDS FOR SCHOLARSHIP AVAILABLE TO STUDENTS FOR  
FALL SEMESTER  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
STO H ECON SCH-HOME EC ADM      (133-0298)
- 150.00      ZENITH MANAGEMENT COMPANY  
DULUTH, MN
- 150.00      INTERNATIONAL ASSOCIATION OF HOLIDAY INNS, INC  
MEMPHIS, TN
- 300.00

TOTAL STOUT      30,807.00  
=====

EXTENSION AND PUBLIC SERVICE      11,646.00  
INSTRUCTION      18,861.00  
MISCELLANEOUS      300.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

UNIVERSITY OF WISCONSIN - SUPERIOR

## INSTRUCTION

1. UW SYSTEM ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
ELEMENTS OF BIOLOGICAL VARIATION, CONTINUITY, AND  
DEVELOPMENT: A MODEL FOR SCIENCE EDUCATION AT THE  
ELEMENTARY SCHOOL LEVEL  
DWIGHT D. EISENHOWER MATHEMATICS AND SCIENCE  
EDUCATION ACT (TITLE II) (\$29,125.00)  
FOR THE PERIOD 12-01-89 THROUGH 12-31-90  
SUP EDUC OFF-C CRITICS (144-0438)
2. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
WISCONSIN SCIENCE EDUCATION SERVICE CENTERS  
NETWORK PROJECT  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # TPE 8855565  
SUP EDUC EDUCATION (144-0440) 210,864.00

## RESEARCH

1. ELEVATOR M  
SUPERIOR, WI  
FUNDS TO MONITOR TOTAL SUSPENDED PARTICULATES  
IN THE VICINITY OF ELEVATOR M  
FOR THE PERIOD 11-01-89 THROUGH 10-30-90  
SUP U RES CTR-L SUP ENV ST CTR-LS E S (133-0439) 1,919.50

TOTAL SUPERIOR 212,783.50  
=====INSTRUCTION 210,864.00  
RESEARCH 1,919.50



GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

UNIVERSITY OF WISCONSIN - WHITEWATER

GIFT-IN-KIND

1. ERNEST SADLER  
NORTHBROOK, IL  
ANALYZING AND DATING ARTIFACTS EXCAVATED BY UW  
WHITEWATER STUDENTS IN BELIZE, CENTRAL AMERICA.  
WTW L&S ANTHROPOLOGY

INSTRUCTION

1. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
WORKSHOP ON COMPUTATIONAL NUMBER THEORY  
FOR THE PERIOD 11-01-89 THROUGH 10-31-91  
AWARD # USE-8954380  
WTW L&S MATHEMATICS MATH (144-1318) 27,107.00  
  
TOTAL WHITEWATER 27,107.00  
=====

INSTRUCTION 27,107.00

GIFTS, GRANTS AND CONTRACTS  
 JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## GIFT-IN-KIND

1. MRS. ROBERT ARFT  
 APPLETON, WI  
 80 BOOKS  
 CNS FOX VA LIBRARY LIB ACQUIS
2. DR. WILLIAM GUITHER  
 APPLETON, WI  
 20 BOOKS  
 CNS FOX VA LIBRARY LIB ACQUIS
3. PROFESSOR CARLA KELLER  
 WAUKESHA, WI  
 21 BOOKS  
 CNS WAUK LIBRARY LIB ACQUIS
4. PROFESSOR JIM LANGE  
 WAUKESHA, WI  
 10 BOOKS  
 CNS WAUK LIBRARY LIB ACQUIS
5. MRS. RUTH MITCHELL  
 WAUKESHA, WI  
 58 MAGAZINES  
 CNS WAUK LIBRARY LIB ACQUIS
6. PROFESSOR GENE BRAUN  
 WAUKESHA, WI  
 1 BOOK AND 110 PERIODICALS  
 CNS WAUK LIBRARY LIB ACQUIS
7. MR. BILL DEHNEL  
 WAUKESHA, WI  
 8 BOOKS AND 8 PERIODICALS  
 CNS WAUK LIBRARY LIB ACQUIS
8. MS. FAYE FLESIA  
 WAUKESHA, WI  
 11 BOOKS  
 CNS WAUK LIBRARY LIB ACQUIS
9. MRS. MARIA LUBITZ  
 WAUKESHA, WI  
 27 BOOKS AND 11 RECORDS  
 CNS WAUK LIBRARY LIB ACQUIS
10. PROFESSOR JOHN RABBY  
 WAUKESHA, WI  
 58 BOOKS AND 56 PERIODICALS  
 CNS WAUK LIBRARY LIB ACQUIS
11. MARY ELLEN YOUNG  
 WAUKESHA, WI  
 9 BOOKS  
 CNS WAUK LIBRARY LIB ACQUIS

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## GIFT-IN-KIND

12. GEOGRAPHY DEPARTMENT  
6 BOOKS  
CNS WAUK LIBRARY LIB ACQUIS
13. PATRICIA ZAHORIK  
MANITOWOC, WI  
BOOKS: A COMPILATION OF THE MESSAGES AND PAPERS  
OF THE PRESIDENTS 1789-1897 (10 VOLUMES); TRIALS  
AND TRIUMPHS OF THE CATHOLIC CHURCH IN AMERICA.  
CNS MANIT LIBRARY LIB ACQUIS

## MISCELLANEOUS

- |    |  |                               |            |          |
|----|--|-------------------------------|------------|----------|
| 1. | DRAMA DONOR FUND                             |                               |            |          |
|    | CNS MARSH STUDENT AFFAIRS                    | DRAMA PROD                    | (133-L410) |          |
|    | 500.00                                       | RICHARD & ANTOINETTE REINHART |            |          |
|    |  | MARSHFIELD, WI                |            |          |
|    | 2,100.00                                     | FIGI'S INC.                   |            |          |
|    |  | MARSHFIELD, WI                |            |          |
|    | 50.00  | MULTIPLE DONORS               |            |          |
|    |  |                               |            | 2,650.00 |
| 2. | MULTIPLE DONORS                              |                               |            |          |
|    | THEATRE SUPPLIES                             |                               |            |          |
|    | CNS SHEBOY STUDENT AFFAIRS                   | DRAMA PROD                    | (133-M680) | 425.00   |
| 3. | BARABOO (CITY OF)                            |                               |            |          |
|    | BARABOO, WI                                  |                               |            |          |
|    | 1989-90 PERFORMING ARTS SERIES               |                               |            |          |
|    | CNS B-SAUK STUDENT AFFAIRS                   | LECT & F A                    | (133-N335) | 1,500.00 |
| 4. | YOUNG, MARY ELLEN                            |                               |            |          |
|    | MILWAUKEE, WI                                |                               |            |          |
|    | SLIDES FOR ART DEPARTMENT                    |                               |            |          |
|    | CNS WAUK ART                                 |                               | (133-N535) | 35.00    |
| 5. | UNIVERSITY OF WISCONSIN MARINETTE FOUNDATION |                               |            |          |
|    | MARINETTE, WI                                |                               |            |          |
|    | PROFESSIONAL DEVELOPMENT                     |                               |            |          |
|    | CNS MARIN ADMINISTRATION                     | PRF DEV                       | (133-N984) | 200.00   |
| 6. | MULTIPLE DONORS                              |                               |            |          |
|    | WOOD COUNTY SYMPHONY                         |                               |            |          |
|    | CNS MARSH STUDENT AFFAIRS                    | WOOD SYMPH                    | (133-P173) | 2,020.00 |
| 7. | UNIVERSITY OF WISCONSIN MARINETTE COUNTY     |                               |            |          |
|    | FOUNDATION, INC.                             |                               |            |          |
|    | MARINETTE, WI                                |                               |            |          |
|    | DEAN'S DISCRETIONARY ACCOUNT                 |                               |            |          |
|    | CNS MARIN                                    |                               | (133-Q118) | 100.00   |

GIFTS, GRANTS AND CONTRACTS  
 JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## STUDENT AID

1.	UNIVERSITY OF WISCONSIN FOX CITIES FOUNDATION MENASHA, WI SCHOLARSHIP ACCOUNT CNS FOX VA STUDENT AFFAIRS FELL & SCH (133-P182)	14,348.25
2.	FRIENDS OF THE CAMPUS BARABOO, WI CAMPUS STUDENT SCHOLARSHIPS CNS B-SAUK STUDENT AFFAIRS FELL & SCH (133-P347)	2,317.80
3.	UNIVERSITY CENTER FOUNDATION, INC. MARSHFIELD, WI SCHOLARSHIP FUND UWC-MARSHFIELD/WOOD COUNTY CNS MARSH STUDENT AFFAIRS FELL & SCH (133-P449)	7,942.05

## UNRESTRICTED

1.	FOND DU LAC COMMUNITY THEATRE FOND DU LAC, WI DISCRETIONARY ACCOUNT CNS FD LAC (133-N333)	700.00
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TOTAL CENTER SYSTEM	32,238.10
	=====

MISCELLANEOUS	6,930.00
STUDENT AID	24,608.10
UNRESTRICTED	700.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1. PENNSYLVANIA DEPARTMENT OF HEALTH  
HARRISBURG, PA  
PRIME CONTRACTOR WITH DHHS PHS CDC  
BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
FOR THE PERIOD 10-01-88 THROUGH 03-31-91  
AT A TOTAL COST OF \$185,941.00  
AWARD # CONTRACT 43183, MOD. 1  
EXT G EXT WIS SURVEY RES L (144-AW66) 103,145.00
  
2. FY 89 PROGRAM UNDERWRITING  
EXT TELCOM WHA TELEVISION (133-M807)
 

2,500.00	WEBCRAFTERS-FRAUTSCHI FOUNDATION, INC. MADISON, WI	
1,000.00	JANESVILLE FOUNDATION, INC. JANESVILLE, WI	
4,400.00	JENSWOLD, STUDDT, HANSON, CLARK AND KAUFMAN MADISON, WI	
2,500.00	JUNG SEED COMPANY RANDOLPH, WI	
		10,400.00
  
3. ONEIDA COUNTY  
RHINELANDER, WI  
SERVICES OF A FULLTIME HOME ECONOMIST AND RESOURCE  
AGENT AND HALF-TIME 4-H YOUTH AGENT FOR THE PERIOD  
07-01-89 THRU 12-31-89 (REDUCTION REFLECTS REDUCED  
SCOPE OF WORK)  
EXT COOP E C&AREA OFC-NORTH (133-P306) 20,537.50-
  
4. WASHBURN COUNTY  
SPOONER, WI  
SERVICES OF A HOME ECONOMIST, 4-H YOUTH AGENT  
AND A CRD AGENT FOR THE PERIOD 07-01-89 THROUGH  
06-30-90  
EXT COOP E C&AREA OFC-NORTH (133-P307) 1,813.00
  
5. MILWAUKEE COUNTY  
WAUWATOSA, WI  
SUPPORT FOR COUNTY AGENTS FOR THE PERIOD  
01-01-89 THRU 12-31-89  
EXT COOP E CO&AREA OFC-S E (133-P317) 111,909.00
  
6. SEARS-ROEBUCK FOUNDATION  
CHICAGO, IL  
ROLAND HAYES SPECIAL  
EXT TELCOM WHA TELEVISION WHA TV PRD (133-P549) 20,000.00
  
7. SAWYER COUNTY EXTENSION OFFICE  
HAYWARD, WI  
SERVICES OF A FULLTIME RESOURCE/AG AGENT AND A  
HOME ECONOMIST/4-H YOUTH AGENT FOR THE PERIOD  
10-01-89 THRU 06-30-90  
EXT COOP E CO&AREA OFC-CTRL (133-P838) 71.00

GIFTS, GRANTS AND CONTRACTS  
 JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

- |     |  |            |           |
|-----|--|------------|-----------|
| 8.  | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>SUNDAY AFTERNOON LIVE FROM THE ELVEHJEM FY 90<br>EXT TELCOM WHA RADIO   | (133-Q091) | 6,600.00  |
| 9.  | LINCOLN COUNTY<br>MERRILL, WI<br>COUNTY SUPPORT FOR HOME ECONOMIST FOR THE PERIOD<br>01-01-90 THRU 06-30-90<br>EXT COOP E CO&AREA OFC-CTRL                                       | (133-Q108) | 8,646.00  |
| 10. | MAC ARTHUR (JOHN D. AND CATHERINE T.) FOUNDATION<br>CHICAGO, IL<br>DILEMMAS OF WAR AND PEACE FOR THE PERIOD 01-01-90<br>THRU 12-31-91<br>AWARD # 8900174<br>EXT TELCOM WHA RADIO | (133-Q125) | 50,000.00 |

## MISCELLANEOUS

- |    |  |           |          |
|----|--|-----------|----------|
| 1. | MULTIPLE DONORS<br>WISCONSIN HUMANITIES COMMITTEE (EXT)<br>EXT GEA SV W HUMANITIES COM | ( TRUST ) | 2,178.00 |
|----|--|-----------|----------|

TOTAL EXTENSION

294,224.50  
=====

EXTENSION AND PUBLIC SERVICE	292,046.50
MISCELLANEOUS	2,178.00

GIFTS, GRANTS AND CONTRACTS  
JANUARY 5, 1990

## UNIVERSITY OF WISCONSIN - CENTRAL ADMINISTRATION

## INSTRUCTION

- |    |  |            |
|----|--|------------|
| 1. | EDUCATION, DEPT OF<br>WASHINGTON, DC<br>DWIGHT D. EISENHOWER MATHEMATICS AND SCIENCE<br>EDUCATION ACT (TITLE II)<br>FOR THE PERIOD 07-01-89 THROUGH 09-30-90<br>AWARD # S164B90050<br>SA S AC A ACADEMIC AFFAIRS AC AFF            | 526,734.00 |
| 2. | NATIONAL SCIENCE FOUNDATION<br>WASHINGTON, DC<br>WISCONSIN SCIENCE EDUCATION SERVICE CENTERS<br>NETWORK PROJECT<br>FOR THE PERIOD 09-01-89 THROUGH 08-31-90<br>AWARD # TPE-8855565<br>SA S AC A ACADEMIC AFFAIRS AC AFF (144-0000) | 98,091.00  |

## STUDENT AID

- |    |  |           |
|----|--|-----------|
| 1. | UNIVERSITY OF WISCONSIN FOUNDATION<br>MADISON, WI<br>SCHOLARSHIPS FOR ALL STATE SCHOLARS OF 1988<br>FOR THE PERIOD 07-01-89 THROUGH 06-30-90<br>SA S AC A ACADEMIC AFFAIRS AC AFF (133-0000) | 52,500.00 |
|----|--|-----------|

TOTAL CENTRAL ADMINISTRATION	677,325.00 =====
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INSTRUCTION	624,825.00
STUDENT AID	52,500.00

JANUARY 5, 1990  
GIFTS, GRANTS AND CONTRACTS SUMMARY  
ITEMS PROCESSED 11-18-89 THROUGH 12-15-89

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	624,825	-0-	-0-	-0-	-0-	52,500	-0-	677,325
CENTER SYSTEM	-0-	-0-	-0-	6,930	-0-	-0-	24,608	700	32,238
EAU CLAIRE	-0-	-0-	-0-	-0-	-0-	9,320	-0-	-0-	9,320
EXTENSION	292,047	-0-	-0-	2,178	-0-	-0-	-0-	-0-	294,225
GREEN BAY	-0-	-0-	-0-	90	-0-	13,734	-0-	16,310	30,134
LA CROSSE	224,393	(7,008)	-0-	5,851	-0-	173,669	5,992	-0-	402,897
MADISON	1,791,763	98,530	91,981	1,236,894	58,340	8,096,798	219,550	20,675	11,614,531
MILWAUKEE	-0-	122,674	-0-	23,080	-0-	1,100,047	1,608,275	-0-	2,854,076
OSHKOSH	-0-	27,044	5,000	-0-	-0-	-0-	-0-	-0-	32,044
PARKSIDE	-0-	-0-	-0-	27,005	41,707	14,683	2,500	-0-	85,895
PLATTEVILLE	38,086	77,777	-0-	5,000	-0-	-0-	-0-	-0-	120,863
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	619	-0-	619
STEVENS POINT	3,500	19,350	73,246	-0-	-0-	129,421	-0-	-0-	225,517
STOUT	11,646	18,861	-0-	300	-0-	-0-	-0-	-0-	30,807
SUPERIOR	-0-	210,864	-0-	-0-	-0-	1,920	-0-	-0-	212,784
WHITEWATER	-0-	27,107	-0-	-0-	-0-	-0-	-0-	-0-	27,107
TOTAL JAN 1990	2,361,435	1,220,024	170,227	1,307,328	100,047	9,539,591	1,914,045	37,684	16,650,381
PREVIOUSLY REPORTED	8,167,632	11,214,712	808,876	8,885,793	580,950	113,474,405	60,198,678	157,223	203,488,268
GRAND TOTAL	10,529,067	12,434,736	979,103	10,193,121	680,997	123,013,996	62,112,723	194,907	220,138,649
TOTAL JAN 1989	306,273	363,822	1,100	994,001	520,047	22,795,103	739,549	21,093	25,740,987
PREVIOUSLY REPORTED	6,962,928	8,813,121	776,380	7,799,573	714,063	107,575,847	58,239,564	86,664	190,968,139
GRAND TOTAL	7,269,201	9,176,943	777,480	8,793,574	1,234,110	130,370,950	58,979,113	107,757	216,709,126
FEDERAL TOTAL JAN 1990	185,079	1,139,293	73,246	240,621	100,047	5,105,286	1,606,588	-0-	8,450,160
PREVIOUSLY REPORTED	2,824,272	9,926,054	246,415	2,057,387	563,200	72,489,498	57,754,156	-0-	145,860,981
FEDERAL GRAND TOTAL	3,009,351	11,065,347	319,661	2,298,008	663,247	77,594,784	59,360,744	-0-	154,311,142
FEDERAL TOTAL JAN 1989	139,290	315,472	-0-	159,789	100,047	19,241,254	483,127	-0-	20,438,979
PREVIOUSLY REPORTED	1,981,490	7,731,888	319,827	2,418,487	319,313	73,194,983	55,872,351	-0-	141,838,339
FEDERAL GRAND TOTAL	2,120,780	8,047,360	319,827	2,578,276	419,360	92,436,238	56,355,478	-0-	162,277,318



GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
MEDICAL/PSYCHOSOCIAL ASPECTS OF DISABILITY  
FOR THE PERIOD 10-01-89 THROUGH 06-30-90  
AWARD # AGR DTD 12/20/89  
MSN HS-MED ACAD AFFAIRS CME (144-BK09) 17,928.00
2. ENVIRONMENTAL PROTECTION AGENCY  
CHICAGO, IL  
NORTH CENTRAL REGIONAL WATER QUALITY CONFERENCE:  
ASSESSING AGRICULTURAL IMPACTS ON WATER QUALITY  
AND IDENTIFYING PREVENTIVE ACTIONS TO REDUCE  
IMPACTS  
FOR THE PERIOD 10-02-89 THROUGH 05-31-90  
AWARD # H005101-01  
MSN AG&LSC ENVIR RSRCS CTR (144-BK29) 12,000.00
3. DUPONT (E.I.) DE NEMOURS AND COMPANY  
WILMINGTON, DE  
SUPPORT WEED CONTROL PROGRAM  
MSN AG&LSC AGRONOMY (133-7714) 1,500.00

GIFT-IN-KIND

1. MRS. MICHAEL PETROVICH  
MADISON, WI  
BOOKS, SERIALS, SOUND RECORDINGS AND SLIDES.  
MSN LIBR GEN OPERATIONS LIB ACQSTN
2. CARL S. SILVERMAN  
BALTIMORE, MD  
POSTERS, LOBBY CARDS AND STILL PHOTOGRAPHS  
DESCRIBED AS PART OF THE STEIN COLLECTION  
MSN L&S COMMUN ARTS FLM&THEA R
3. ARTHUR H. STEIN  
BETHESDA, MD  
POSTERS, LOBBY CARDS, STILL PHOTOS AND  
STAR PHOTOGRAPHS  
MSN L&S COMMUN ARTS FLM&THEA R
4. ROBERT M. STEIN  
NORFOLK, VA  
LOBBY CARDS, POSTERS AND STILL PHOTOGRAPHS  
MSN L&S COMMUN ARTS FLM&THEA R
5. C.D.O. UNIVERSITY PEDIATRIC ASSOCIATES  
MADISON, WI  
COMPUTER PRINTER WITH CABLE; CMS EXTERNAL 30 MEGA-  
BYTE HARD DISK; VIDEO DISK PLAYER; INTERNAL HARD  
DISK; LASERPRINTER, 256 CARD & CABLE; SOFTWARE AND  
MISCELLANEOUS ITEMS.  
MSN HS-MED PEDIATRICS

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
RESEARCH TRAINING FELLOWSHIPS FOR REHABILITATION  
CLINICIANS  
FOR THE PERIOD 01-01-90 THROUGH 12-31-90  
AWARD # GO087C2008-89  
MSN HS-MED REHABIL MEDICINE (144-BJ42) 193,479.00
2. UW SYSTEM ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
SITE-SPECIFIC ENVIRONMENTAL EDUCATION: GOOSE LAKE  
FOR ELEMENTARY TEACHERS - DWIGHT D. EISENHOWER  
MATHEMATICS AND SCIENCE EDUCATION ACT (TITLE II)  
(\$29,736)  
FOR THE PERIOD 10-01-89 THROUGH 12-31-90  
AWARD # AGR DTD 12/1/89  
MSN EDUC CURRIC & INSTR (144-BK32)
3. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
CONTINUING EDUCATION FUND FOR RETURNING STUDENTS  
MSN ODEL ADMIN (133-C059) 6,378.00
4. INDIANA UNIVERSITY  
BLOOMINGTON, IN  
CONFERENCE ON DEMOCRATIZATION AND DEVELOPMENT IN  
EAST ASIA  
MSN L&S INTRDPT CR PROGS E ASIA STU (133-Q241) 1,033.76
5. CHINA TIMES CULTURAL FOUNDATION  
LONG ISLAND CITY, NY  
CONFERENCE ON DEMOCRATIZATION AND DEVELOPMENT IN  
EAST ASIA  
MSN L&S INTRDPT CR PROGS E ASIA STU (133-Q242) 8,270.67
6. KOREAN TRADERS SCHOLARSHIP FOUNDATION  
SEOUL, KOREA  
CONFERENCE ON DEMOCRATIZATION AND DEVELOPMENT IN  
EAST ASIA FOR THE PERIOD 06-01-90 THRU 05-31-91  
MSN L&S INTRDPT CR PROGS E ASIA STU (133-Q243) 8,192.80
7. FOX (DR. JAMES M. AND ELLEN REGIER)  
SANTA MONICA, CA  
MAX FOX PRECEPTORSHIP RECOGNITION AWARD  
MSN HS-MED ADMINISTRATION DEANS OFFC (133-6759) 500.00
8. MASTER BREWERS ASSOCIATION OF THE AMERICAS  
MADISON, WI  
SHORT COURSE IN BREWING AND MALTING SCIENCE  
MSN AG&LSC FOOD SCIENCE (133-8831) 4,750.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - MADISON

## LIBRARIES

1.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RISTEEN, FLORA SCHRANKEL--LIBRARY FUND MSN HS-NUR	( TRUST )	2,123.24
2.	BURR (ELIZABETH) SPRINGFIELD, IL SPECIAL SUPPORT FOR COOPERATIVE CHILDREN'S BOOK CENTER MSN L&S LIB&INF ST	(133-DO98)	3,000.00
3.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PURCHASE OF LIBRARY MATERIALS AND SUPPLIES MSN LIBR GEN OPERATIONS LIB ACQSTN	(133-F543)	14,068.23
4.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PURCHASE OF MATERIALS IN THE HISTORY OF BOOKS AND PRINTING AND THE HISTORY OF SCIENCE MSN LIBR GEN OPERATIONS LIB ACQSTN	(133-L236)	2,000.00
5.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI LIBRARY SUPPORT MSN LIBR ADMINISTRATION	(133-Q156)	2,700.00
6.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL LIBRARY SYSTEM PRESERVATION MSN LIBR ADMINISTRATION	(133-Q223)	2,600.00
7.	BRITTINGHAM FUND, INC. MADISON, WI LAW LIBRARY INTERACTIVE VIDEO LEARNING CENTER MSN LAW LIBRARY	(133-Q253)	9,000.00
8.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEFRAY COST OF PURCHASE OF BOOKS FOR THE JOHN M. GAUS COLLECTION IN THE GENERAL AREA OF ENGLISH- AMERICAN LITERARY STUDIES AT THE UNIVERSITY OF WISCONSIN UNDERGRADUATE LIBRARY MSN LIBR COLL LIBR	(133-8266)	4,000.00

## MISCELLANEOUS

1.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOR GENERAL OPERATIONS-ATHLETICS (193-K302) MSN ATH		90,112.24
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GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

2.	WATKINS, CHARLES E. & DOROTHY INBUSCH FOUNDATION, INC. MILWAUKEE, WI WATKINS, JOHN ORTON--FELLOWSHIP MSN HS-MED PEDIATRICS	( TRUST )	400.00
3.	CONTINENTAL BANK SCHULTE, HELEN D. TRUST CHICAGO, IL SCHULTE, HELEN DENNE--LOAN FUND MSN HS-NUR	( TRUST )	9,204.53
4.	MARSHALL & ILSLEY TRUST COMPANY STRELOW, ARTHUR TRUST MADISON, WI STRELOW, IDELE C.--MUSIC DEPARTMENT MSN L&S SCHOOL OF MUSIC	( TRUST )	29,816.10
5.	FORD AEROSPACE CORPORATION SAN JOSE, CA COMPUTER SCIENCES DEPARTMENT FELLOWSHIP #2 MSN L&S COMPUTER SCI	( TRUST )	175.00
6.	PLANT CELL RESEARCH INSTITUTE DUBLIN, CA DEVELOPMENT AND USE OF MOLECULAR MARKERS IN BRASSICA MSN AG&LSC AGRONOMY	( TRUST )	10,000.00
7.	KELAB, INC MADISON, WI HILLDALE FUND MSN G E A UNIVERSITY ADMIN CHANCELLOR	( TRUST )	295,000.00
8.	FIRST WISCONSIN - MADISON SCHORGER, A.W. TRUST MADISON, WI SCHORGER, A.W.--WILDLIFE ECOLOGY MSN AG&LSC N R-WILDLIF ECOL	( TRUST )	15,343.92
9.	CITIBANK, N.A. WEEKS, LEWIS G. TRUST NEW YORK, NY WEEKS, LEWIS G. #2--GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSICS	( TRUST )	60,000.00
10.	HSIA, HUI ERH & MONG TSENG POTOMAC, MD MILLER, ELIZABETH C.--MEMORIAL FUND MSN HS-MED ONCOLOGY	( TRUST )	100.00
11.	VALLEY NATIONAL BANK OF ARIZONA LEACH, FREDERICK ESTATE PRESCOTT, AZ LEACH, FREDERICK--ELVEHJEM MUSEUM WATER COLOR ACQUISITIONS MSN L&S ELVJM MUSEUM ART	( TRUST )	239,958.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

12. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS PHS ADAM  
PROVISION OF ALCOHOL AND OTHER DRUG ABUSE  
PREVENTION AND EDUCATION ACTIVITIES UNDER THE  
DRUG FREE SCHOOLS AND COMMUNITIES ACT OF 1986  
FOR THE PERIOD 11-16-87 THROUGH 12-31-90  
AT A TOTAL COST OF \$144,700.00  
AWARD # P.O. #FDIE 3820, MOD. 3  
MSN HS-MED GENET CLIN PROG (144-AC60) 50,000.00
13. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS PHS ADAM  
WISCONSIN CLEARINGHOUSE FOR ALCOHOL  
AND OTHER DRUG INFORMATION  
FOR THE PERIOD 01-01-90 THROUGH 12-31-90  
AWARD # AGR DTD 1/11/90  
MSN G E A WIS CLEARINGHOU (144-BK57) 97,900.00
14. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN  
ROCKVILLE, MD  
NATIONWIDE BLOOD LEAD AND ERYTHROCYTE  
PROTOPORPHYRIN PROFICIENCY TESTING PROGRAM  
FOR THE PERIOD 10-01-89 THROUGH 09-30-90  
AWARD # MCJ-551003-02-0  
MSN HS-HYG TOXICOLOGY E P P TEST (144-BH97) 141,807.00
15. ACADEMY OF APPLIED SCIENCES  
CONCORD, NH  
PRIME CONTRACTOR WITH DOD ARMY  
JUNIOR SCIENCE, ENGINEERING AND HUMANITIES  
SYMPOSIUM  
FOR THE PERIOD 06-13-89 THROUGH 06-12-90  
AWARD # DO #0307  
MSN AC SVC OFF OF ADMISSNS JSEHS (144-BK45) 12,865.00
16. NASA, AMES RESEARCH CENTER  
MOFFETT FIELD, CA  
OPERATION AND MAINTENANCE OF A SQUIRREL MONKEY  
COLONY TO BREED NASA FLIGHT QUALITY  
MALE SQUIRREL MONKEYS  
FOR THE PERIOD 12-13-88 THROUGH 01-31-90  
AT A TOTAL COST OF \$244,200.00  
AWARD # NAS2-12939, MOD. 3  
MSN L&S PSYCHOLOGY PRIMATE LB (144-AT26) 28,000.00
17. WISCONSIN HUMANITIES COMMITTEE  
MADISON, WI  
PRIME CONTRACTOR WITH NEH  
A CENTURY OF CIVIL RIGHTS STRUGGLE  
FOR THE PERIOD 06-01-89 THROUGH 06-30-90  
AWARD # FY89-47P  
MSN LAW LAW SCHOOL (144-BK04) 5,000.00



GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

28.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI SUPPORT CLERICAL SALARIES IN THE DEPARTMENT OF ANESTHESIOLOGY MSN HS-MED ANESTHESIOLOGY	(133-E492)	43,713.00
29.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY GRANT IN THE DEPARTMENT OF METALLURGICAL AND MINERAL ENGINEERING MSN ENGR MAT SCI & ENGR	(133-F737)	500.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INTERNATIONAL PROGRAMS HEWLETT FUNDS MSN G E A INTL STU & PROGS	(133-F809)	5,000.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MANUFACTURING SYSTEMS ENGINEERING CURRICULUM MSN ENGR ENGR EXPER STA MFG SY ENG	(133-F912)	20,000.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ART DISCRETIONARY FUND MSN EDUC ART	(133-G015)	2,000.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLITICAL SCIENCE DISCRETIONARY FUND MSN L&S POLITICAL SCI	(133-G572)	325.00
34.	MULTIPLE DONORS DISCRETIONARY FUND FOR USE OF PHYSIOLOGISTS IN BOTANY MSN L&S BOTANY	(133-G608)	35.00
35.	ABBOTT LABORATORIES NORTH CHICAGO, IL DEPARTMENTAL SEMINAR PROGRAM MSN L&S CHEMISTRY	(133-G877)	500.00
36.	MULTIPLE DONORS UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY	(133-G952)	300.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S MATHEMATICS	(133-G999)	1,500.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KRENZ READING ROOM FUND MSN AG&LSC HORTICULTURE	(133-J154)	1,800.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - REAL ESTATE MSN BUS SCH OF BUSINESS (133-J190)	690.71
40.	ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, THE NETHERLANDS CARBOHYDRATE RESEARCH EDITORIAL EXPENSES MSN AG&LSC BIOCHEMISTRY (133-J457)	1,000.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT-RISK & INSURANCE MSN BUS SCH OF BUSINESS (133-J620)	104.74
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BABCOCK HORTICULTURAL GARDENS MSN AG&LSC HORTICULTURE (133-J754)	50,000.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT MSN HS-NUR (133-J835)	40,000.00
44.	FRANK SPOTT MEMPHIS TN LECTURE PROGRAM "THE WONDERS OF PHYSICS" MSN L&S PHYSICS (133-K201)	500.00
45.	UNIVERSITY ANESTHESIOLOGY ASSOCIATES MADISON, WI DEPARTMENTAL SUPPORT INCLUDING FACULTY SALARIES, SUPPORT STAFF, SUPPLIES AND EQUIPMENT MSN HS-MED ANESTHESIOLOGY (133-K533)	54,113.00
46.	MULTIPLE DONORS DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE (133-K551)	660.00
47.	UPJOHN COMPANY KALAMAZOO, MI DIABETES RESEARCH & EDUCATION MSN HS-MED MEDICINE ENDOCRINOL (133-K746)	850.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN OF STUDENTS EMERGENCY FUND MSN G E A DEAN OF STUDENTS ADMIN (133-L007)	5,000.00
49.	LONGRES (JOHN F.) MADISON, WI DISCRETIONARY ACCOUNT IN THE SCHOOL OF SOCIAL WORK MSN L&S SOCIAL WORK (133-L147)	100.00



GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CONFERENCE ROOM AND DEPARTMENT LOUNGE EQUIPMENT AND FURNISHINGS MSN L&S PSYCHOLOGY	(133-L399)	7,900.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MYERS & UYEHARA ENGINE FUND MSN ENGR ENGR EXPER STA I COMBUSTN	(133-L437)	2,000.00
52.	AMERICAN CYANAMID COMPANY WAYNE, NJ AGING RESEARCH DISCRETIONARY FUND MSN HS-MED MEDICINE GER-AD DEV	(133-L572)	3,500.00
53.	MULTIPLE DONORS NIELSEN TENNIS DISCRETIONARY FUND MSN REC SP NIELSEN TENNIS S	(133-L644)	100.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HERSHEY FILM MSN AG&LSC FOOD SCIENCE	(133-L838)	17,000.00
55.	AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS W. LAFAYETTE, IN COMPUTERIZED DATA ACQUISITION MSN VET M SURGICAL SCI	(133-L966)	1,000.00
56.	GEORGE PARKER JANESVILLE, WI HISTORY OF CARTOGRAPHY PROJECT MSN L&S GEOGRAPHY	(133-M109)	3,027.89
57.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC JOURNAL OF MEDICINAL CHEMISTRY EDITORIAL EXPENSES MSN HS-PHR PHARMACY	(133-M375)	2,710.46
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED	(133-M564)	3.46
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR NEW ONE-TIME DEPARTMENTAL REQUESTS MSN HS-MED	(133-M565)	1,200.00
60.	MULTIPLE DONORS DEPARTMENT OF RURAL SOCIOLOGY DISCRETIONARY FUND MSN AG&LSC RURAL SOCIOLOGY	(133-M652)	2,000.00

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

## MISCELLANEOUS

61.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI MOVEMENT DISORDERS CLINIC OPERATING ACCOUNT MSN HS-MED NEUROLOGY (133-M860)	467.18
62.	HISTORY OF SCIENCE SOCIETY EAST MORICHES, NY SUPPORT OF ISIS EDITORIAL OFFICE MSN HS-MED HIST OF MEDICINE HIST OF MD (133-N320)	18.54
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI URBAN AND REGIONAL PLANNING STUDENT ACTIVITIES ACCOUNT MSN L&S URBAN & REG PLAN (133-N411)	135.00
64.	DOUG MILLER FUND FOR TEMPORARY HOUSING FOR TRANSPLANT PATIENTS AND THEIR FAMILIES MSN HS-MED SURGERY GEN SURG (133-N572)	
	10.00 MULTIPLE DONORS 3,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
		3,010.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT SALARIES MSN HS-MED (133-N666)	300,000.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENTAL TEACHING SUPPLIES MSN HS-MED (133-N667)	12,000.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FACULTY RECRUITING AND MOVING EXPENSES MSN HS-MED (133-N668)	10,000.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR ONE-TIME DEPARTMENTAL REQUESTS MSN HS-MED (133-N669)	30,000.00
69.	MARION LABORATORIES KANSAS CITY, MO PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY (133-N697)	5,000.00
70.	COMMONS, (JOHN R.) CLUB MADISON, WI DEPARTMENT OF ECONOMICS JOHN R. COMMONS CLUB MSN L&S ECONOMICS (133-N911)	572.50

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - MADISON

## MISCELLANEOUS

71.	MADISON (CITY OF) MADISON, WI SMALL BUSINESS ACTION LINE FOR THE PERIOD 01-01-89 THRU 12-31-90 MSN BUS      MANAGMENT INSTIT	(133-N924)	15,000.00
72.	L.E. PHILLIPS FAMILY FOUNDATION, INC. EAU CLAIRE, WI DISCRETIONARY ACCOUNT FOR THE SUPPORT OF THE EAU CLAIRE FAMILY PRACTICE RESIDENCY PROGRAM MSN HS-MED FAM MED & PRACT CL-EAU CL	(133-N994)	1,100.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ACQUISITION OF ART MSN L&S      ELVJM MUSEUM ART	(133-P918)	23,100.00
74.	BRITTINGHAM FUND, INC. MADISON, WI MUIR ELEMENTARY MINORITY PIANO PROGRAM MSN L&S      SCHOOL OF MUSIC	(133-Q250)	4,636.00
75.	BRITTINGHAM FUND, INC. MADISON, WI LATIN AMERICAN FILM COLLECTION MSN L&S      SPANISH & PORT	(133-Q251)	6,000.00
76.	BRITTINGHAM FUND, INC. MADISON, WI WONDER OF PHYSICS VIDEOTAPE MSN L&S      PHYSICS	(133-Q252)	5,000.00
77.	BRITTINGHAM FUND, INC. MADISON, WI OUTDOOR CLASSROOM GARDEN SIGNAGE MSN AG&LSC HORTICULTURE	(133-Q254)	5,000.00
78.	ROCKEFELLER FOUNDATION NEW YORK, NY CHAIRMAN'S DISCRETIONARY FUND MSN L&S      SOCIOLOGY	(133-Q276)	4,000.00
79.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS      SCH OF BUSINESS	(133-0179)	
	500.00      CENTER FOR ADVANCED STUDIES IN BUSINESS, INC. MADISON, WI		
	1,621.80      UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
			2,121.80
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY GRANT MSN ENGR      CHEMICAL ENGR	(133-3236)	40,000.00

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

## MISCELLANEOUS

81.	DOW CHEMICAL U.S.A. MIDLAND, MI CHEMICAL ENGINEERING DEPARTMENT CHAIRMAN'S DISCRETIONARY MSN ENGR CHEMICAL ENGR (133-3852)	5,000.00
82.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT MSN HS-NUR (133-4314)	500.00
83.	CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS (133-5984)	
	50.00 MULTIPLE DONORS 25,987.00 WASHINGTON UNIVERSITY ST LOUIS, MO	
		26,037.00
84.	JUNG (J W) SEED COMPANY RANDOLPH, WI SUPPORT AN EXCELLENCE IN TEACHING AWARD, A SCHOLARSHIP OR OTHER APPROPRIATE USE AS DETERMINED BY THE DEAN OF THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES IN ACCORDANCE WITH TERMS PREVIOUSLY ACCEPTED MSN AG&LSC ADMIN-DEAN & DIR (133-6103)	500.00
85.	DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING DISCRETIONARY ACCOUNT MSN ENGR ELEC & COM ENGR ELEC&COMP (133-6718)	
	250.00 MULTIPLE DONOR 28,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI 40,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	
		68,250.00
86.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MATHEMATICS CHAIRMAN'S DISCRETIONARY FUND MSN L&S MATHEMATICS (133-7391)	1,500.00
87.	DEPARTMENT OF CHEMICAL ENGINEERING CHAIRMAN'S DISCRETIONARY FUND MSN ENGR CHEMICAL ENGR (133-8366)	
	1,500.00 VISTA CHEMICAL COMPANY HOUSTON, TX 15,600.00 JAMES DUMESIC MADISON, WI	
		17,100.00

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| 88. | UNIVERSITY ANESTHESIOLOGY ASSOCIATES<br>MADISON, WI<br>DEFRAY COSTS OF A TECHNICAL SECRETARIAL POSITION<br>FOR THE ANESTHESIOLOGY OUTPATIENT CLINIC<br>MSN HS-MED ANESTHESIOLOGY (133-8682) | 109,233.00 |
| 89. | WISCONSIN RURAL REHABILITATION CORPORATION<br>MADISON, WI<br>SUPPORT FAMILY PHYSICIANS RESIDENCIES AT RURAL<br>CLINICS<br>MSN HS-MED FAM MED & PRACT (133-9582)                             | 15,000.00  |
| 90. | MULTIPLE DONORS<br>CHAIRMAN OF THE DEPARTMENT OF AGRICULTURAL<br>ECONOMICS DISCRETIONARY ACCOUNT<br>MSN AG&LSC AG ECONOMICS (133-9796)  | 75.00      |

RESEARCH

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| 1. | SCRIPPS CLINIC AND RESEARCH FOUNDATION<br>LA JOLLA, CA<br>MATERIAL TRANSFER AGREEMENT<br>MSN AG&LSC BIOCHEMISTRY   |  |
| 2. | E.I. DUPONT DE NEMOURS & COMPANY<br>WILMINGTON, DE<br>MATERIAL TRANSFER AGREEMENT<br>MSN AG&LSC BIOCHEMISTRY   |  |
| 3. | ANAQUEST<br>MURRAY HILL, NJ<br>MATERIAL TRANSFER AGREEMENT<br>MSN HS-MED MEDICAL PHYSICS   |  |
| 4. | FORD MOTOR COMPANY<br>DEARBORN, MI<br>LOAN AGREEMENT<br>MSN ENGR MECHANICAL ENGR   |  |
| 5. | OAKLAND COUNTY HEALTH DIVISION<br>PONTIAC, MI<br>DISTINGUISHED PROFESSORS MATCHING PROGRAM<br>REVENUE FUNDS (182-A53-4800)<br>MSN HS-MED MEDICAL PHYSICS |  |
| 6. | LILLY (ELI) AND COMPANY<br>INDIANAPOLIS, IN<br>MATERIAL TRANSFER AGREEMENT<br>MSN HS-PHR PHARMACY  |  |
| 7. | BRISTOL-MYERS COMPANY<br>WALLINGFORD, CT<br>MATERIAL TRANSFER AGREEMENT<br>MSN VET M PATHOBIOLOGCL SCI   |  |

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8.	UNIVERSITY OF CALIFORNIA, SAN DIEGO LA JOLLA, CA MATERIAL TRANSFER AGREEMENT MSN HS-PHR PHARMACY		
9.	PACKERLAND PACKING COMPANY GREEN BAY, WI COOPERATIVE RESEARCH AND TRAINING ACTIVITIES RELATED TO MEAT AND ANIMAL SCIENCE MSN AG&LSC MEAT& ANIMAL SCI		
10.	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK NEW YORK, NY MATERIAL TRANSFER AGREEMENT MSN HS-MED ONCOLOGY		
11.	ERC BIOSERVICES CORPORATION ROCKVILLE, MD MATERIAL TRANSFER AGREEMENT MSN HS-MED ONCOLOGY		
12.	INTERNATIONAL BUSINESS MACHINES CORPORATION MILFORD, CT DISTRIBUTION AGREEMENT THROUGH WISC-WARE MSN GRAD ACAD COMPUTG CTR		
13.	SMITH KLINE & FRENCH LABORATORIES KING OF PRUSSIA, PA MATERIAL TRANSFER AGREEMENT MSN HS-PHR PHARMACY		
14.	EARNINGS ON MISC. INVESTMENTS MORRELL, SUSAN M.--MEDICAL RESEARCH MSN HS-MED ADMINISTRATION DEANS OFFC ( TRUST )		40.21
15.	EARNINGS ON MISC. INVESTMENTS PHANEUF, DUANE--MEDICAL RESEARCH MSN HS-MED ( TRUST )		218.09
16.	FIRST WISCONSIN TRUST COMPANY BOWMAN TRUST MILWAUKEE, WI BOWMAN, JONATHAN--CANCER RESEARCH MSN HS-MED ONCOLOGY ( TRUST )		106,559.44
17.	NORWEST BANK MINNESOTA N.A. LYNUM, EDITH H. MINNEAPOLIS, MN LYNUM, EDITH H.--MEDICAL RESEARCH FUND MSN HS-MED ( TRUST )		4,425.62
18.	HUSTON, DR. EDWIN & ALICE MILWAUKEE, WI MEDICAL SCHOOL--RENOVATION PROJECT FUND MSN HS-MED ADMINISTRATION DEANS OFFC ( TRUST )		500.00

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19.	FIRST WISCONSIN - MADISON COMSTOCK, WILLIAM T. TRUST MADISON, WI COMSTOCK RESEARCH FUND IN CONSERVATION MSN AG&LSC NAT RSRCS- ADMIN	( TRUST )	47.05
20.	STANG, MELVIN TRUSTEE SLAMA, GWYN MEMORIAL TRUST DOWNING, WI SLAMA, GWYN MEMORIAL FUND--DOWNS SYNDROME RESEARCH MSN HS-MED NEUROLOGY	( TRUST )	2,342.92
21.	NATIONAL COUNCIL OF PAPER INDUSTRY NEW YORK, NY NATURAL RESOURCES-FORESTRY--OZONE STUDIES MSN AG&LSC N RSRCS-FORESTRY	( TRUST )	18,750.00
22.	BUSSE, WILLIAM W., M.D. MADISON, WI DEPARTMENT OF MEDICINE, ALLERGY SECTION-- DEVELOPMENT FUND MSN HS-MED MEDICINE	ALLRGY&IMM ( TRUST )	2,000.00
23.	MCARDLE LABORATORY FOR CANCER RESEARCH-- DISCRETIONARY FUND MSN HS-MED ONCOLOGY	( TRUST )	
	4,505.50 RIDINGS, HARRY J. - BAILEYS HARBOR, WI		\$3500.00
			476.50
			529.00
	1,000.00 MUEHLHAUSEN, E.W. GOLDEN VALLEY, MN		
	500.00 EUNICE HANAWALT WAUPACA, WI		
			6,005.50
24.	MULTIPLE DONORS WISCONSIN CLINICAL CANCER CENTER--RESEARCH MSN HS-MED CANCER CTR	( TRUST )	655.00
25.	AGRICULTURE, DEPT OF MINNEAPOLIS, MN SUPPORT OF AGRICULTURAL RESEARCH OF MUTUAL INTEREST FOR THE PERIOD 10-01-89 THROUGH 09-30-90 AWARD # 58-5114-7-2003, MOD. 1 MSN AG&LSC U S DAIRY FORAGE	(144-BG07)	5,940.00
26.	AGRIC, FOREST SERVICE MADISON, WI THE ROLE OF BRAZIL IN THE WORLD TIMBER ECONOMY FOR THE PERIOD 01-01-90 THROUGH 12-31-90 AWARD # FP-90-1301 MSN AG&LSC N RSRCS-FORESTRY	(144-BK49)	13,000.00

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27. WI DEPT OF ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH COMM NOAA  
POTENTIAL DETOXIFICATION OF SHEBOYGAN HARBOR PCBS  
FOR THE PERIOD 11-21-89 THROUGH 09-30-90  
AWARD # ADJ 00796  
MSN ENGR ENGR EXPR STA WSEL (144-BH77) 49,025.00
28. DEPT OF PUBLIC INSTRUCTION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
WISCONSIN LEAD ACADEMY ADVISING  
FOR THE PERIOD 10-01-89 THROUGH 07-31-90  
AWARD # P.O. #PAJ 01607  
MSN EDUC WIS CTR EDUC RES (144-BK33) 19,775.24
29. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS OHDS  
FRAGILE X BROCHURES  
FOR THE PERIOD 12-01-89 THROUGH 11-30-90  
AWARD # P.O.# FDJ 31415 PO  
MSN HS-MED GENET CLIN PROG (144-BJ98) 1,500.00
30. DHHS, PHS, ALCHL DRUG ABUSE MNTL HLTH ADM  
ROCKVILLE, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) ATTRIBUTION AND SELF-EFFICACY IN MOTHER-INFANT  
INTERACTION  
FOR THE PERIOD 12-01-88 THROUGH 11-30-90  
AT A TOTAL COST OF \$115,125.00  
AWARD # 5 RO1 MH42479-02, MOD. 1  
MSN GRAD WAISMAN CENTER (144-AS11) 56,642.00
- 2) ROLE OF CENTRAL GRF IN STRESS-INDUCED BEHAVIORS  
FOR THE PERIOD 01-01-90 THROUGH 11-30-90  
AWARD # 2 RO1 MH40855-04A1  
MSN HS-PSY PSYCHIATRIC INST (144-BK56) 112,203.00
31. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS PHS CDC  
CHRONIC DISEASE BURDEN AND CHRONIC DISEASE  
FOR THE PERIOD 09-29-89 THROUGH 09-28-90  
AWARD # FAJ 23537 PO  
MSN ENGR INDUSTRIAL ENGR (144-BK19) 76,000.00
32. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH DHHS PHS HRSA  
COLLABORATION WITH THE WISCONSIN INDIAN NETWORK  
FOR CHILDREN SERVICES (WINGS)  
FOR THE PERIOD 10-01-89 THROUGH 09-30-90  
AWARD # P.O. #FAJ 23824  
MSN HS-MED GENET CLIN PROG (144-BK51) 11,456.00



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33. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) RNA POLYMERASE SIGMA SUBUNIT: STRUCTURE AND  
FUNCTION  
FOR THE PERIOD 12-01-88 THROUGH 11-30-90  
AT A TOTAL COST OF \$316,190.00  
AWARD # 5 RO1 GM28575-10, MOD. 1  
MSN HS-MED ONCOLOGY (144-AR64) 158,842.00
  - 2) CHOLESTEROL METABOLISM AND MITOCHONDRIAL  
CYTOCHROME P450  
FOR THE PERIOD 12-01-88 THROUGH 11-30-90  
AT A TOTAL COST OF \$244,499.00  
AWARD # 5 RO1 DK18585-15, MOD. 1  
MSN HS-MED PHARMACOLOGY (144-AR77) 121,074.00
  - 3) PERIPHERAL AND CENTRAL VENTILATORY CONTROL  
FOR THE PERIOD 12-01-88 THROUGH 11-30-90  
AT A TOTAL COST OF \$215,889.00  
AWARD # 5 R37 HL15473-15, MOD. 1  
MSN AG&LSC VETERINARY SCI (144-AR81) 106,301.00
  - 4) IMMUNIZATION AGAINST URINARY TRACT INFECTION  
FOR THE PERIOD 12-01-88 THROUGH 11-30-90  
AT A TOTAL COST OF \$403,027.00  
AWARD # 5 RO1 DK30808-08, MOD. 1  
MSN HS-MED SURGERY UROLOGY (144-AR82) 189,492.00
  - 5) REGULATION OF CILIARY MOTION BY CYCLIC  
NUCLEOTIDES AND CA<sup>2+</sup>  
FOR THE PERIOD 12-01-88 THROUGH 11-30-90  
AT A TOTAL COST OF \$199,356.00  
AWARD # 5 RO1 GM34906-05, MOD. 1  
MSN AG&LSC BIOCHEMISTRY (144-AR86) 101,174.00
  - 6) THE MECHANISM OF SITE-SPECIFIC RECOMBINATION  
IN YEAST  
FOR THE PERIOD 12-01-88 THROUGH 11-30-90  
AT A TOTAL COST OF \$283,091.00  
AWARD # 5 RO1 GM37835-04, MOD. 1  
MSN AG&LSC BIOCHEMISTRY (144-AR88) 141,349.00
  - 7) REGULATION OF GLUCONEOGENESIS IN DIABETES  
FOR THE PERIOD 12-01-88 THROUGH 11-30-90  
AT A TOTAL COST OF \$133,945.00  
AWARD # 5 RO1 DK20678-12, MOD. 1  
MSN GRAD ENZYME INSTITUTE (144-AS10) 57,705.00
  - 8) SYNAPTIC ORGANIZATION IN THE SUPERIOR COLLICULUS  
FOR THE PERIOD 12-01-88 THROUGH 11-30-90  
AT A TOTAL COST OF \$171,730.00  
AWARD # 5 RO1 EYO4478-08, MOD. 1  
MSN VET M CMPARTV BIOSCI'S (144-AS20) 84,228.00

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| 9) MEDIAL THALAMIC MECHANISMS OF NOCICEPTION<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$136,896.00<br>AWARD # 5 RO1 NS26850-02, MOD. 1<br>MSN VET M CMPARTV BIOSCI'S                          | (144-AS21) | 58,485.00  |
| 10) CARDIOVIRAL PROTEASES AND COMPARATIVE GENOME<br>STRUCTURE<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$307,597.00<br>AWARD # 5 RO1 AI17331-10, MOD. 1<br>MSN AG&LSC VETERINARY SCI          | (144-AS25) | 155,822.00 |
| 11) STRUCTURE AND SYNTHESIS OF RETRO- AND<br>NODAVIRUSES<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$381,409.00<br>AWARD # 5 R37 AI22813-24, MOD. 1<br>MSN GRAD INST MOL VIR INST MOL V        | (144-AS26) | 194,345.00 |
| 12) PROCOLLAGEN: SECRETION, ASSEMBLY AND<br>CELL RECEPTORS<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$310,528.00<br>AWARD # 5 RO1 AR38174-04, MOD. 1<br>MSN HS-MED PATHOL & LAB MED ANAT PATH | (144-AS27) | 164,382.00 |
| 13) DEVELOPMENTAL STUDIES OF THE VISUAL SYSTEM<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$327,673.00<br>AWARD # 5 RO1 EYO1331-15, MOD. 1<br>MSN HS-MED OPHTHALMOLOGY                          | (144-AS28) | 162,014.00 |
| 14) IN VITRO STUDIES OF THE COCHLEAR NUCLEUS<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$187,490.00<br>AWARD # 5 RO1 DCO0176-09, MOD. 1<br>MSN HS-MED NEUROPHYSIOLOGY                          | (144-AS34) | 91,410.00  |
| 15) STUDIES OF FIBRONECTIN AND RELATED<br>GLYCOPROTEINS<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$371,402.00<br>AWARD # 5 RO1 HL21644-12, MOD. 1<br>MSN HS-MED PHYSIOLOG CHEM                | (144-AS43) | 180,851.00 |
| 16) MECHANISM AND CONTROL OF MICROTUBULE ASSEMBLY<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$514,101.00<br>AWARD # 5 R37 GM25062-12, MOD. 1<br>MSN GRAD MOLECULAR BIOL                        | (144-AS44) | 247,758.00 |
| 17) STRUCTURE, ORGANIZATION AND EXPRESSION OF SNRNA<br>GENES<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$650,458.00<br>AWARD # 5 RO1 GM30220-08, MOD. 1<br>MSN HS-MED PHYSIOLOG CHEM           | (144-AS47) | 325,305.00 |

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| 18) EGG-MEDIATED MOTILITY DURING FERTILIZATION<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$196,175.00<br>AWARD # 5 RO1 HD12913-11, MOD. 1<br>MSN L&S ZOOLOGY                             | (144-AS48) | 99,429.00  |
| 19) NUTRITIONAL FACTORS IN<br>AGE RELATED OCULAR DISORDERS<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$296,407.00<br>AWARD # 5 RO1 EY08012-02, MOD. 1<br>MSN HS-MED OPHTHALMOLOGY        | (144-AS56) | 146,527.00 |
| 20) MUTATIONAL ANALYSIS OF E. COLI CORE RNA POLYMERASE<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$421,973.00<br>AWARD # 5 RO1 AI19635-08, MOD. 1<br>MSN AG&LSC BACTERIOLOGY             | (144-AS60) | 212,299.00 |
| 21) RADIATION DOSE CALCULATION USING CONVOLUTION<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$162,966.00<br>AWARD # 5 R29 CA48902-02, MOD. 1<br>MSN HS-MED MEDICAL PHYSICS                | (144-AS70) | 79,431.00  |
| 22) THE GENETIC CONTROL OF PROTEIN SYNTHESIS<br>FOR THE PERIOD 01-01-89 THROUGH 12-31-90<br>AT A TOTAL COST OF \$453,248.00<br>AWARD # 5 R37 GM08995-29, MOD. 1<br>MSN HS-MED PHYSIOLOG CHEM                     | (144-AS78) | 226,969.00 |
| 23) EXTENDED HEART PRESERVATION WITH U.W. SOLUTION<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$181,306.00<br>AWARD # 5 R29 HL41845-02, MOD. 1<br>MSN HS-MED SURGERY THORACIC S           | (144-AS81) | 87,942.00  |
| 24) SPECTROSCOPIC STUDIES OF ENZYME-SUBSTRATE<br>COMPLEXES<br>FOR THE PERIOD 01-01-89 THROUGH 12-31-90<br>AT A TOTAL COST OF \$323,351.00<br>AWARD # 5 RO1 GM35752-05, MOD. 1<br>MSN GRAD ENZYME INSTITUTE       | (144-AS83) | 166,286.00 |
| 25) CONTROL PROCESSES IN MAMMALIAN CELLS<br>FOR THE PERIOD 01-01-89 THROUGH 12-31-90<br>AT A TOTAL COST OF \$364,873.00<br>AWARD # 5 RO1 DK10334-25, MOD. 1<br>MSN GRAD ENZYME INSTITUTE                         | (144-AS84) | 113,124.00 |
| 26) BOTULINUM NEUROTOXINS: STRUCTURE AND<br>STRUCTURE-FUNCTION<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$523,897.00<br>AWARD # 5 RO1 NS17742-08, MOD. 1<br>MSN AG&LSC FOOD MICRO&TOXIC | (144-AS85) | 280,374.00 |

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- 27) INHIBITION OF ORNITHINE DECARBOXYLASE  
BY RETINOIC ACID  
FOR THE PERIOD 12-01-88 THROUGH 11-30-90  
AT A TOTAL COST OF \$268,883.00  
AWARD # 5 RO1 CA42585-04, MOD. 1  
MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (144-AS86) 135,698.00
- 28) NEUROPATHOLOGY DUE TO ONCOGENE FROM SV40 VIRUS  
FOR THE PERIOD 12-01-88 THROUGH 11-30-90  
AT A TOTAL COST OF \$182,269.00  
AWARD # 5 RO1 NS22475-05, MOD. 1  
MSN VET M PATHOBIOLOGCL SCI (144-AS88) 93,942.00
- 29) DETERMINATION OF ENZYME MECHANISMS BY KINETIC  
STUDIES  
FOR THE PERIOD 01-01-89 THROUGH 12-31-90  
AT A TOTAL COST OF \$411,400.00  
AWARD # 5 R37 GM18938-19, MOD. 1  
MSN GRAD ENZYME INSTITUTE (144-AS89) 206,754.00
- 30) ELECTROPHYSIOLOGIC CORRELATES OF  
AUDITORY DEVELOPMENT  
FOR THE PERIOD 01-01-89 THROUGH 12-31-90  
AT A TOTAL COST OF \$583,174.00  
AWARD # 5 RO1 DCO0163-10, MOD. 1  
MSN GRAD WAISMAN CENTER (144-AS90) 310,423.00
- 31) CYTOTOXIC MACROCYCLE: CYTOCHALASIN, PYRROLIZIDINE  
ANALOGS  
FOR THE PERIOD 01-01-89 THROUGH 12-31-90  
AT A TOTAL COST OF \$441,041.00  
AWARD # 5 RO1 CA17918-16, MOD. 1  
MSN L&S CHEMISTRY (144-AS96) 222,461.00
- 32) IMMUNOCHEMICAL STUDIES ON CARCINOGENIC  
MYCOTOXIN  
FOR THE PERIOD 01-01-89 THROUGH 12-31-90  
AT A TOTAL COST OF \$178,825.00  
AWARD # 5 RO1 CA15064-18, MOD. 1  
MSN AG&LSC FOOD MICRO&TOXIC (144-AS98) 90,823.00
- 33) ALTERATIONS OF METABOLISM IN ISCHEMIC MYOCARDIUM  
FOR THE PERIOD 01-01-89 THROUGH 12-31-90  
AT A TOTAL COST OF \$310,450.00  
AWARD # 5 RO1 HL32350-07, MOD. 1  
MSN HS-MED MEDICINE CARDIOLOGY (144-AT02) 152,861.00
- 34) ION EFFECTS ON INTERACTIONS OF RNA POLYMERASE  
AND DNA  
FOR THE PERIOD 01-01-89 THROUGH 12-31-90  
AT A TOTAL COST OF \$556,992.00  
AWARD # 5 RO1 GM23467-14, MOD. 1  
MSN L&S CHEMISTRY (144-AT14) 281,103.00
- 35) THE HEALTH AND WELL-BEING OF FAMILIES IN  
TRANSITION  
FOR THE PERIOD 01-01-89 THROUGH 12-31-90  
AT A TOTAL COST OF \$477,811.00  
AWARD # 5 RO1 HD21009-05, MOD. 1  
MSN L&S SOCIOLOGY (144-AT17) 257,761.00

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| 36) | STUDIES OF NON-CATECHOLIC L-DOPA ANALOGS<br>FOR THE PERIOD 12-01-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$175,988.00<br>AWARD # 5 R29 NS26621-02, MOD. 1<br>MSN HS-MED MEDICAL PHYSICS  | (144-AT18) | 84,197.00  |
| 37) | MOLECULAR BASIS OF TRANSLATIONAL FIDELITY<br>IN EUKARYOTES<br>FOR THE PERIOD 01-01-89 THROUGH 12-31-90<br>AT A TOTAL COST OF \$309,938.00<br>AWARD # 5 RO1 GM26217-11, MOD. 1<br>MSN GRAD MOLECULAR BIOL                         | (144-AT19) | 158,186.00 |
| 38) | CARCINOGEN-TRANSFORMED HUMAN CELLS:<br>GENETIC TRAITS<br>FOR THE PERIOD 01-01-89 THROUGH 12-31-90<br>AT A TOTAL COST OF \$338,047.00<br>AWARD # 5 R37 CA42024-06, MOD. 1<br>MSN HS-MED ONCOLOGY                                  | (144-AT27) | 169,221.00 |
| 39) | BIOLOGICAL AND MOLECULAR STUDIES<br>OF A-MULV TUMORIGENESIS<br>FOR THE PERIOD 01-01-89 THROUGH 12-31-90<br>AT A TOTAL COST OF \$228,324.00<br>AWARD # 5 RO1 CA41302-05, MOD. 1<br>MSN HS-MED ONCOLOGY                            | (144-AT30) | 113,750.00 |
| 40) | KIDNEY TRANSPLANTATION AND DONOR-SPECIFIC<br>TRANSFUSIONS<br>FOR THE PERIOD 01-01-89 THROUGH 12-31-90<br>AT A TOTAL COST OF \$394,979.00<br>AWARD # 5 RO1 DK31774-08, MOD. 1<br>MSN HS-MED SURGERY                      GEN SURG | (144-AT31) | 201,574.00 |
| 41) | GENETIC ANALYSIS OF BACILLUS SUBTILIS<br>AMYLASE SYNTHESIS<br>FOR THE PERIOD 01-01-89 THROUGH 12-31-90<br>AT A TOTAL COST OF \$271,283.00<br>AWARD # 5 RO1 GM34324-06, MOD. 1<br>MSN AG&LSC BACTERIOLOGY                         | (144-AT53) | 136,179.00 |
| 42) | REGULATION OF THE HEAT SHOCK RESPONSE<br>IN E. COLI<br>FOR THE PERIOD 01-01-89 THROUGH 12-31-90<br>AT A TOTAL COST OF \$319,690.00<br>AWARD # 5 RO1 GM36278-05, MOD. 1<br>MSN AG&LSC BACTERIOLOGY                                | (144-AT55) | 165,522.00 |
| 43) | MYOSIN ISOENZYMES AND CONTRACTION IN DEVELOPING<br>MUSCLES<br>FOR THE PERIOD 01-01-89 THROUGH 12-31-90<br>AT A TOTAL COST OF \$267,626.00<br>AWARD # 5 RO1 AR31806-08, MOD. 1<br>MSN HS-MED PHYSIOLOGY                           | (144-AT58) | 135,562.00 |

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44)	ROLE OF EPIDERMAL GROWTH FACTOR IN MAMMARY GLAND DEVELOPMENT FOR THE PERIOD 01-01-89 THROUGH 12-31-90 AT A TOTAL COST OF \$130,201.00 AWARD # 5 R29 HD24094-02, MOD. 2 MSN AG&LSC DAIRY SCIENCE	(144-AT64)	66,413.00
45)	MOLECULAR MECHANISMS OF TUMOR NECROSIS FACTOR FOR THE PERIOD 07-16-89 THROUGH 12-31-90 AT A TOTAL COST OF \$128,795.00 AWARD # 5 R01 CA47722-03, MOD. 1 MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(144-BD22)	82,503.00
46)	EYE MOVEMENTS AND VISION FOR THE PERIOD 08-01-89 THROUGH 07-31-90 AT A TOTAL COST OF \$135,602.00 AWARD # 3 R01 EYO7707-02S1, MOD. 1 MSN GRAD WAISMAN CENTER	(144-BD28)	9,288.00
47)	RECONSTITUTION OF CALCIUM CHANNELS IN PLANAR BILAYERS FOR THE PERIOD 08-01-89 THROUGH 12-31-90 AT A TOTAL COST OF \$69,732.00 AWARD # 5 R01 GM36852-06, MOD. 1 MSN HS-MED PHYSIOLOGY	(144-BF91)	67,611.00
48)	GENERAL CLINICAL RESEARCH CENTER FOR THE PERIOD 12-01-89 THROUGH 02-28-90 AWARD # 2 M01 RRO3186-05 MSN HS-MED SPEC PROJECT UW-GCRC	(144-BH69)	272,634.00
49)	BIOSYNTHESIS OF IRON-MOLYBDENUM COFACTOR OF NITROGENASE FOR THE PERIOD 12-01-89 THROUGH 11-30-90 AWARD # 2 R01 GM35332-04 MSN AG&LSC BIOCHEMISTRY	(144-BJ45)	127,444.00
50)	NORMAL FERTILIZATION AND PREIMPLANTATION GROWTH IN VITRO FOR THE PERIOD 12-01-89 THROUGH 11-30-90 AWARD # 5 U01 HD22023-05 MSN AG&LSC VETERINARY SCI	(144-BJ50)	169,633.00
51)	NMR AND MONTE CARLO STUDIES OF CATION-DNA INTERACTIONS FOR THE PERIOD 12-01-89 THROUGH 11-30-90 AWARD # 2 R01 GM34351-06 MSN L&S CHEMISTRY	(144-BJ59)	185,308.00
52)	TEMPLATE SWITCHING DURING REVERSE TRANSCRIPTION FOR THE PERIOD 12-15-89 THROUGH 11-30-90 AWARD # 1 R01 CA49741-01A1 MSN HS-MED ONCOLOGY	(144-BJ64)	121,294.00
53)	COGNITIVE EFFECTS OF NEONATAL LEAD EXPOSURE IN MONKEYS FOR THE PERIOD 12-01-89 THROUGH 11-30-90 AWARD # 2 R01 ESO1062-14 MSN L&S PSYCHOLOGY PRIMATE LB	(144-BJ69)	105,136.00

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54)	SPECTRAL TEMPORAL FACTORS IN PERCEPTION OF FLUENT SPEECH FOR THE PERIOD 12-01-89 THROUGH 11-30-90 AWARD # 1 R29 DCO0719-01 MSN L&S PSYCHOLOGY	(144-BJ77)	107,667.00
55)	CHARACTERIZATION OF BOVINE SPERM ADENYLATE KINASE FOR THE PERIOD 01-01-90 THROUGH 12-31-90 AWARD # 1 R29 HD26604-01 MSN AG&LSC MEAT& ANIMAL SCI	(144-BJ78)	72,285.00
56)	INTEGRATED MICROSCOPY RESOURCE FOR BIOMEDICAL RESEARCH FOR THE PERIOD 12-07-89 THROUGH 11-30-90 AWARD # 2 P41 RRO0570-20 MSN GRAD MOLECULAR BIOL	(144-BJ84)	378,859.00
57)	PROLIFERATION IN HUMAN TUMORS DURING RADIOTHERAPY FOR THE PERIOD 01-01-90 THROUGH 12-31-92 AWARD # 1 R01 CA50937-01 MSN HS-MED HUMAN ONCOLOGY RAD BIOL	(144-BJ85)	114,965.00
58)	ADRENERGIC REGULATION OF CARDIAC MUSCLE CONTRACTION FOR THE PERIOD 01-01-90 THROUGH 12-31-90 AWARD # 1 R01 HL44114-01 MSN HS-MED PHYSIOLOGY	(144-BJ95)	133,890.00
59)	PLACENTAL EXPRESSION OF RHESUS GONADOTROPIN ALPHA GENE FOR THE PERIOD 12-01-89 THROUGH 11-30-90 AWARD # 1 R29 HD26458-01 MSN GRAD PRIMATE RES CTR	(144-BJ99)	75,146.00
60)	POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD: GENETICS FOR THE PERIOD 01-01-90 THROUGH 12-31-90 AWARD # 5 F32 GM12728-02 MSN HS-MED ONCOLOGY	(144-BK06)	28,000.00
61)	CONFORMATIONAL AMPHIPHILES FOR THE PERIOD 01-01-90 THROUGH 12-31-90 AWARD # 1 R29 GM41825-01A1 MSN L&S CHEMISTRY	(144-BK24)	62,233.00
62)	THE DROSOPHILA PARA LOCUS: GENETIC AND MOLECULAR STUDIES FOR THE PERIOD 12-01-89 THROUGH 11-30-90 AWARD # 1 R01 GM43100-01 MSN AG&LSC GENETICS	(144-BK38)	103,852.00
63)	PHYSIOLOGICAL STUDIES ON A PARASITE NEMATODE FOR THE PERIOD 01-01-90 THROUGH 12-31-90 AWARD # 2 R01 AI15429-12 MSN L&S ZOOLOGY	(144-BK39)	180,169.00

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64)	MACULAR PHOTOCOAGULATION STUDY FOR THE PERIOD 01-01-90 THROUGH 12-31-90 AWARD # 5 UO1 EYO3284-11 MSN HS-MED OPHTHALMOLOGY	(144-BK50)	56,909.00
65)	FERTILITY AGREEMENT & CONFLICT RESOLUTION FOR THE PERIOD 01-01-90 THROUGH 12-31-90 AWARD # 2 RO1 HD20491-01 MSN L&S SOCIOLOGY	(144-BK55)	99,306.00
34.	MEDICAL COLLEGE OF WISCONSIN MILWAUKEE, WI PRIME CONTRACTOR WITH DHHS PHS NIH THE ROLE OF THE ECTODERM IN LIMB PATTERN FORMATION FOR THE PERIOD 12-01-89 THROUGH 11-30-90 AWARD # AGR DTD 12-28-89 MSN HS-MED ANATOMY	(144-BK20)	139,974.00
35.	SANTEC SYSTEMS, INC WHEELING, IL PRIME CONTRACTOR WITH DHHS PHS NIH ACOUSTOGRAPHIC BREAST IMAGING FOR THE PERIOD 01-01-90 THROUGH 07-01-90 AWARD # AGR DTD 12/11/89 MSN HS-MED MEDICAL PHYSICS	(144-BJ89)	7,826.00
36.	DOD, AIR FORCE BOLLING AFB, DC IN SUPPORT OF THE FOLLOWING:		
1)	COMPUTATION AND THEORY IN NONLINEAR OPTIMIZATION FOR THE PERIOD 11-15-89 THROUGH 11-14-90 AWARD # AFOSR-89-0058 MSN L&S CTR MATH SCI	(144-BH92)	47,289.00
2)	STATE-RESOLVED COLLISIONAL ENERGY TRANSFER IN HIGH VIBRATIONALLY EXCITED POLYATOMIC MOLECULES FOR THE PERIOD 11-01-89 THROUGH 10-31-90 AWARD # AFOSR-89-0028 MSN L&S CHEMISTRY	(144-BK31)	123,562.00
3)	A FAST ALGORITHM FOR NON-NEWTONIAN FLOW FOR THE PERIOD 12-15-89 THROUGH 12-14-90 AWARD # AFOSR-89-0220 MSN ENGR ENGR MECHANICS	(144-BK43)	57,876.00
37.	DOD, AIR FORCE HANSCOM AFB, MA THEORETICAL AND EXPERIMENTAL RESEARCH IN INFRARED TECHNOLOGY FOR THE PERIOD 03-26-86 THROUGH 09-30-90 AT A TOTAL COST OF \$287,590.00 AWARD # F19628-86-C-0076, MOD. 6 MSN L&S PHYSICS	(144-X755)	22,000.00



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38. DOD, AIR FORCE  
PATRICK AFB, FL  
METEOROLOGICAL INTERACTIVE DATA DISPLAY SYSTEM  
FOR THE CAPE CANAVERAL FORECAST FACILITY  
FOR THE PERIOD 02-01-84 THROUGH 09-30-89  
AT A TOTAL COST OF \$3,798,737.00  
AWARD # FO8606-84-C-0007, MOD. 13  
MSN GRAD SPACE SCI&ENG CT (144-U103) 26,937.00
39. SUNY OF STONY BROOK  
STONY BROOK, NY  
PRIME CONTRACTOR WITH DOD AF  
SEISMIC EVENT LOCATION AT REGIONAL DISTANCES  
FOR THE PERIOD 09-01-89 THROUGH 12-31-89  
AWARD # 431-6722A  
MSN L&S GEOL & GEOPHYSCS GEO&POL R (144-BJ96) 10,800.00
40. DOD, NAVY  
ARLINGTON, VA  
IN SUPPORT OF THE FOLLOWING:
- 1) TYPHOON MONITORING USING PASSIVE MICROWAVE  
OBSERVATIONS  
FOR THE PERIOD 04-01-88 THROUGH 12-31-90  
AT A TOTAL COST OF \$161,937.00  
AWARD # NO0014-88-K-0711, MOD. 3  
MSN GRAD SPACE SCI&ENG CT (144-AQ70) 78,277.00
- 2) CENTRAL FACTORS IN THE CLASSIFICATION OF TRANSIENT  
ACOUSTIC SIGNALS  
FOR THE PERIOD 03-01-89 THROUGH 10-31-90  
AT A TOTAL COST OF \$127,151.00  
AWARD # NO0014-89-J-1281, MOD. 1  
MSN GRAD WAISMAN CENTER (144-AU06) 49,600.00
- 3) COLLECTION OF STATISTICS ON THE FREQUENCY  
OF CLOUD COVER OVER NORTH AMERICA  
(REDUCTION DUE TO APPROPRIATIONS CUTBACK  
BY FUNDING AGENCY)  
FOR THE PERIOD 04-01-87 THROUGH 03-30-90  
AT A TOTAL COST OF \$629,779.00  
AWARD # NO0014-87-K-0436, MOD. 7  
MSN GRAD SPACE SCI&ENG CT (144-Z641) 3,317.00-
41. ENERGY, DEPT OF  
ARGONNE, IL  
IN SUPPORT OF THE FOLLOWING:
- 1) FUSION PLASMA THEORY  
TASK I: MAGNETIC CONFINEMENT FUSION PLASMA  
THEORY  
FOR THE PERIOD 11-16-89 THROUGH 11-15-90  
AWARD # DE-FG02-86ER53218  
MSN ENGR NUC ENGR&E PHYSC (144-BJ33) 124,868.00

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- 2) FUSION PLASMA THEORY  
TASK III: AUXILIARY RADIOFREQUENCY HEATING  
IN TOKAMAKS  
FOR THE PERIOD 11-16-89 THROUGH 11-15-90  
AWARD # DE-FG02-86ER53218  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-BJ34) 40,212.00
- 3) FUSION PLASMA THEORY  
TASK IV: TRANSPORT TASK FORCE LEADERSHIP  
FOR THE PERIOD 11-16-89 THROUGH 11-15-90  
AWARD # DE-FG02-86ER53218  
MSN ENGR NUC ENGR&E PHYSC (144-BJ35) 34,920.00
- 4) UNIVERSITY OF WISCONSIN TORSATRON/STELLARATOR  
PROGRAM  
FOR THE PERIOD 11-15-89 THROUGH 11-14-90  
AWARD # DE-FG02-86ER53216  
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-BJ37) 153,000.00
- 5) NUCLEAR ANALYSIS OF ITER  
FOR THE PERIOD 11-15-89 THROUGH 11-14-90  
AWARD # DE-FG02-87ER52140  
MSN ENGR ENGR EXPER STA FUSION TEC (144-BJ47) 360,000.00
- 6) RADIOGENIC NEOPLASIA IN THYROID AND MAMMARY  
CLONOGENS  
FOR THE PERIOD 01-01-90 THROUGH 12-31-90  
AWARD # DE-FG02-87ER60507  
MSN HS-MED HUMAN ONCOLOGY RAD BIOL (144-BJ94) 256,000.00
- 7) MASS AND ENERGY BUDGETS OF ANIMALS:  
BEHAVIORAL AND ECOLOGICAL IMPLICATIONS  
FOR THE PERIOD 01-01-90 THROUGH 12-31-90  
AWARD # DE-FG02-88ER60633.A003  
MSN L&S ZOOLOGY (144-BK23) 189,400.00
- 8) EXPERIMENTAL AND THEORETICAL  
HIGH ENERGY PHYSICS  
FOR THE PERIOD 04-01-60 THROUGH 12-31-89  
AT A TOTAL COST OF \$66,561,876.00  
AWARD # DE-ACO2-76ERO0881, MOD. 45  
MSN L&S PHYSICS (144-E164) 1,930,000.00
42. MIDWEST RESEARCH INSTITUTE  
SOLAR ENERGY RESEARCH INSTITUTE DIVISION  
GOLDEN, CO  
PRIME CONTRACTOR WITH DOE  
PLASTIC WOOD  
FOR THE PERIOD 01-15-88 THROUGH 08-31-90  
AT A TOTAL COST OF \$81,801.00  
AWARD # XX-8-07153-2, MOD. 2  
MSN AG&LSC N RSRCS-FORESTRY (144-AD34) 50,736.00
43. EG & G IDAHO, INC  
IDAHO FALLS, ID  
PRIME CONTRACTOR WITH DOE  
STEAM GENERATOR TUBE RUPTURE FOR A LIQUID METAL-  
WATER SYSTEM: RELIABILITY AND PHENOMENOLOGICAL  
MODELLING  
FOR THE PERIOD 07-11-83 THROUGH 10-31-90  
AT A TOTAL COST OF \$258,813.00  
AWARD # C83-100174, MOD. 10  
MSN ENGR NUC ENGR&E PHYSC (144-T613) 57,500.00

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44. ENVIRONMENTAL PROTECTION AGENCY  
CHICAGO, IL  
APPLICATION OF THE MASS BALANCE APPROACH TO  
GREEN BAY: SEDIMENT LOADING, FLUXES AND  
REDISTRIBUTION OF PCB'S, DIELDRIN, ETC.  
FOR THE PERIOD 09-01-89 THROUGH 08-30-90  
AT A TOTAL COST OF \$106,887.00  
AWARD # RO05017-02, MOD. 1  
MSN ENGR ENGR EXPR STA WSEL (144-BJ48) 10,000.00
45. NATIONAL AERONAUTICS AND SPACE ADMIN  
CLEVELAND, OH  
THE STUDY OF MAGNETIC BEARINGS WITH HIGH  
TEMPERATURE SUPERCONDUCTORS  
FOR THE PERIOD 05-01-89 THROUGH 10-31-90  
AT A TOTAL COST OF \$120,000.00  
AWARD # NAG 3 1041, MOD. 2  
MSN ENGR ENGR EXPR STA SUPERCONDT (144-AY73) 60,000.00
46. UNIVERSITY OF MARYLAND  
COLLEGE PARK, MD  
PRIME CONTRACTOR WITH NASA  
NATIONAL FELLOWSHIP PROGRAM IN PARALLEL  
PROCESSING  
FOR THE PERIOD 01-01-89 THROUGH 08-31-90  
AT A TOTAL COST OF \$45,861.00  
AWARD # AGREEMENT 26947B, MOD. 2  
MSN L&S COMPUTER SCI (144-AU15) 16,478.00
47. NASA, AMES RESEARCH CENTER  
MOFFETT FIELD, CA  
GROWTH OF POTATOES FOR CELSS  
FOR THE PERIOD 05-01-84 THROUGH 11-30-90  
AT A TOTAL COST OF \$859,210.00  
AWARD # NCC-2-301, MOD. 12  
MSN AG&LSC HORTICULTURE (144-U440) 140,187.00
48. NASA, GODDARD SPACE FLIGHT CENTER  
GREENBELT, MD  
IN SUPPORT OF THE FOLLOWING:
- 1) THE MEASUREMENT OF ATOMIC TRANSITION PROBABILITIES  
OF METAL ATOMS AND IONS OF ASTROPHYSICAL INTEREST  
FOR THE PERIOD 06-01-88 THROUGH 12-31-90  
AT A TOTAL COST OF \$83,000.00  
AWARD # NAG 5-1048, MOD. 2  
MSN L&S PHYSICS (144-AG85) 30,000.00
- 2) SPACELAB DIFFUSE SOFT X-RAY BRAGG SPECTROMETER  
FOR THE PERIOD 03-10-80 THROUGH 09-30-90  
AT A TOTAL COST OF \$7,090,372.00  
AWARD # NAS5-26078, MOD. 30  
MSN GRAD SPACE SCI&ENG CT (144-P296) 270,000.00
49. NASA, MARSHALL SPACE FLIGHT CENTER  
MARSHALL SPACE FLIGHT CENTER, AL  
WISCONSIN ULTRAVIOLET PHOTO-POLARIMETER EXPERIMENT  
FOR THE PERIOD 09-04-81 THROUGH 12-31-89  
AT A TOTAL COST OF \$9,950,760.00  
AWARD # NAS5-26777, MOD. 43  
MSN L&S SPACE ASTRON LAB (144-R418) 200,000.00

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50. NATIONAL ENDOWMENT FOR THE HUMANITIES  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) THE DICTIONARY OF AMERICAN REGIONAL ENGLISH  
FOR THE PERIOD 07-01-88 THROUGH 12-31-91  
AT A TOTAL COST OF \$445,600.00  
AWARD # RT-20830-89, MOD. 2  
MSN L&S ENGLISH (144-AK03) 40,686.43
  - 2) FELLOWSHIP FOR UNIVERSITY TEACHERS:  
THE MEANINGS OF THE HUAROCHIRI MANUSCRIPT  
FOR THE PERIOD 01-01-90 THROUGH 12-31-90  
AWARD # FA-28490-89  
MSN L&S ANTHROPOLOGY (144-BK59) 27,500.00
51. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) STUDIES OF VIBRATIONALLY EXCITED POLYATOMIC  
MOLECULES USING ALMOST DEGENERATE PERTURBATION  
THEORY  
FOR THE PERIOD 01-01-88 THROUGH 06-30-91  
AT A TOTAL COST OF \$176,416.00  
AWARD # CHE-8713749, MOD. 2  
MSN L&S CHEMISTRY (144-AB18) 58,016.00
  - 2) CA-2+ AND ANOXIC DAMAGE IN THE HIPPOCAMPAL SLICE  
FOR THE PERIOD 01-01-88 THROUGH 06-30-91  
AT A TOTAL COST OF \$178,746.00  
AWARD # BNS-8709706, MOD. 3  
MSN HS-MED PHYSIOLOGY (144-AB82) 58,784.00
  - 3) ARTIFICIAL INTELLIGENCE FOR COMPUTER-AIDED  
DESIGN  
FOR THE PERIOD 12-01-87 THROUGH 05-31-91  
AT A TOTAL COST OF \$263,885.00  
AWARD # CBT-8715051, MOD. 2  
MSN ENGR CHEMICAL ENGR (144-AB86) 81,958.00
  - 4) INTERANNUAL VARIABILITY OF TROPICAL CLIMATE  
FOR THE PERIOD 05-01-88 THROUGH 10-31-91  
AT A TOTAL COST OF \$371,716.00  
AWARD # ATM-8722410, MOD. 2  
MSN L&S METEOROLOGY (144-AG21) 122,242.00
  - 5) COLLABORATIVE RESEARCH:  
KRISP 88-89: KENYA RIFT INTERNATIONAL SEISMIC  
PROJECT - AN INTERNATIONAL COOPERATIVE EXPERIMENT:  
SEISMIC ARRAY STUDY  
FOR THE PERIOD 07-15-88 THROUGH 12-31-91  
AT A TOTAL COST OF \$217,010.00  
AWARD # EAR-8708383, MOD. 2  
MSN L&S GEOL & GEOPHYSICS GEO&POL R (144-AH83) 139,990.00

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|-----|---|------------|------------|
| 6)  | MICROWAVE SPECTROSCOPY OF MOLECULAR IONS IN DISCHARGE AND MAGNETICALLY CONFINED AFTERGLOW PLASMAS<br>FOR THE PERIOD 11-15-88 THROUGH 10-31-90<br>AT A TOTAL COST OF \$432,586.00<br>AWARD # CHE-8814067, MOD. 1<br>MSN L&S CHEMISTRY                    | (144-AN76) | 141,300.00 |
| 7)  | DIAGENESIS OF CAROTENOID AND CHLOROPHYLL PIGMENTS IN LAKE SEDIMENTS<br>FOR THE PERIOD 12-15-88 THROUGH 11-30-90<br>AT A TOTAL COST OF \$145,388.00<br>AWARD # EAR-8816561, MOD. 1<br>MSN ENGR ENGR EXPER STA WSEL                                       | (144-AS22) | 75,868.00  |
| 8)  | EXPERIMENTS WITH THE CLIMATIC RESPONSE TO RADIATION FORCING OVER THE MILANKOVITCH FREQUENCY BAND<br>FOR THE PERIOD 10-15-88 THROUGH 09-30-90<br>AT A TOTAL COST OF \$70,916.00<br>AWARD # ATM-8812639, MOD. 1<br>MSN ENV ST CTR FOR CLIM RES CTR FOR CL | (144-AS39) | 47,365.00  |
| 9)  | THE MEASUREMENT OF ATOMIC TRANSITION PROBABILITIES OF METAL ATOMS AND IONS OF ASTROPHYSICAL INTEREST<br>FOR THE PERIOD 01-01-89 THROUGH 12-31-90<br>AT A TOTAL COST OF \$107,890.00<br>AWARD # AST-8821051, MOD. 1<br>MSN L&S PHYSICS                   | (144-AS51) | 54,390.00  |
| 10) | PHASE EQUILIBRIA, THERMODYNAMICS AND RELATED STUDIES OF TERNARY AND HIGHER ALLOY SYSTEMS<br>FOR THE PERIOD 01-15-89 THROUGH 12-31-90<br>AT A TOTAL COST OF \$237,186.00<br>AWARD # DMR-8819758, MOD. 1<br>MSN ENGR MAT SCI & ENGR                       | (144-AS95) | 108,486.00 |
| 11) | DIGITAL SIGNAL PROCESSING SONAR RECEIVER (RXDSP)<br>FOR THE PERIOD 01-01-89 THROUGH 12-31-90<br>AT A TOTAL COST OF \$216,120.00<br>AWARD # OCE-8817171, MOD. 1<br>MSN L&S GEOL & GEOPHYSICS GEO&POL R   | (144-AT28) | 147,000.00 |
| 12) | THEORY OF PHYSICALLY ADSORBED LAYERS<br>FOR THE PERIOD 01-15-89 THROUGH 12-31-90<br>AWARD # DMR-8817761, MOD. 1<br>MSN L&S PHYSICS  | (144-AT34) | 40,180.00  |
| 13) | CONTINUED INVESTIGATION OF LOW INTENSITY EMISSION LINES FROM THE INTERSTELLAR MEDIUM (REU SUPPLEMENT)<br>FOR THE PERIOD 11-15-89 THROUGH 10-31-90<br>AWARD # AST-8813467, MOD. 2<br>MSN L&S PHYSICS   | (144-AU26) | 10,000.00  |

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- 14) MATHEMATICAL SCIENCES: COMPLEX STOCHASTIC SYSTEMS  
FOR THE PERIOD 05-15-89 THROUGH 04-30-91  
AT A TOTAL COST OF \$209,880.00  
AWARD # DMS-8901464, MOD. 1  
MSN L&S MATHEMATICS (144-AX89) 103,880.00
- 15) MATHEMATICAL SCIENCES: ROTABILITY, MAJORIZATION  
AND APPLICATIONS TO DESIGN OF EXPERIMENTS  
FOR THE PERIOD 07-01-89 THROUGH 06-30-91  
AT A TOTAL COST OF \$60,150.00  
AWARD # DMS-8900426, MOD. 1  
MSN L&S STATISTICS (144-AZ05) 31,400.00
- 16) EXPERIMENT TO DETERMINE PROPERTIES OF THE  
SUBCONTINENTAL UPPER MANTLE USING PORTABLE  
INSTRUMENTS (REU SUPPLEMENT)  
FOR THE PERIOD 08-15-89 THROUGH 07-31-90  
AWARD # EAR-8904326 MOD#1  
MSN L&S GEOL & GEOPHYSICS GEO&POL R (144-BK07) 7,734.00
- 17) NATIONAL SCIENCE FOUNDATION BIOLOGICAL  
INSTRUMENTATION GRANT: PLANT GROWTH CHAMBER  
FACILITY AT THE DEPARTMENT OF BOTANY, UNIVERSITY  
OF WISCONSIN - MADISON  
FOR THE PERIOD 01-01-90 THROUGH 12-31-91  
AWARD # DIR-8908232  
MSN L&S BOTANY (144-BK27) 94,914.00
- 18) SPECTROSCOPIC STUDIES OF PARTIAL OXIDATION  
CATALYSTS DURING THEIR GENESIS & USE  
FOR THE PERIOD 01-01-90 THROUGH 12-31-90  
AWARD # CTS-8912635  
MSN ENGR CHEMICAL ENGR (144-BK28) 90,000.00
- 19) NATIONAL SCIENCE FOUNDATION INSTRUMENTATION  
GRANT: ACQUISITION OF PLANT GROWTH CHAMBERS  
FOR THE PERIOD 01-01-90 THROUGH 12-31-91  
AWARD # DIR-8914598  
MSN AG&LSC BIOCHEMISTRY (144-BK30) 49,900.00
- 20) NATIONAL SCIENCE FOUNDATION INSTRUMENTATION  
GRANT: ACQUISITION OF A TISSUE CULTURE STERILIZER  
FOR THE PERIOD 01-01-90 THROUGH 12-31-91  
AWARD # DIR-8914746  
MSN L&S ZOOLOGY (144-BK40) 30,326.00
- 21) MOLECULAR MECHANISM OF ADSORPTION AND STRUCTURAL  
BEHAVIOR OF PROTEINS AT INTERFACES  
FOR THE PERIOD 01-01-90 THROUGH 12-31-90  
AWARD # BCS-8913053  
MSN AG&LSC FOOD SCIENCE (144-BK42) 54,392.00
- 22) INTERMOLECULAR BONDING AND MICROPHASE  
SEPARATION IN POLYURETHANE BLOCK POLYMERS  
(MATERIALS RESEARCH)  
FOR THE PERIOD 07-01-86 THROUGH 06-30-91  
AT A TOTAL COST OF \$369,500.00  
AWARD # DMR-8603839, MOD. 4  
MSN ENGR CHEMICAL ENGR (144-X774) 83,300.00

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23)	MATHEMATICAL SCIENCES: PROBABILITY MEASURES ON VECTOR SPACES; BASIC RESULTS AND APPLICATIONS FOR THE PERIOD 05-15-86 THROUGH 10-31-91 AT A TOTAL COST OF \$198,865.00 AWARD # DMS-8521586, MOD. 4 MSN L&S MATHEMATICS (144-X837)	41,160.00
24)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD (COMPUTER AND INFORMATION SCIENCE) FOR THE PERIOD 06-15-87 THROUGH 11-30-91 AT A TOTAL COST OF \$187,000.00 AWARD # IRI-8657323, MOD. 3 MSN L&S COMPUTER SCI (144-Z345)	62,000.00
25)	PRESIDENTIAL YOUNG INVESTIGATOR AWARD FOR THE PERIOD 07-01-87 THROUGH 12-31-90 AT A TOTAL COST OF \$153,400.00 AWARD # DMR-8657109, MOD. 4 MSN L&S PHYSICS (144-Z611)	30,200.00
52.	VETERANS ADMIN MADISON, WI MEDICARE PROSPECTIVE PAYMENT SYSTEM: EFFECT ON VA INPATIENT SERVICE FOR THE PERIOD 10-01-89 THROUGH 03-31-90 AT A TOTAL COST OF \$19,386.00 AWARD # PD 607D05119, MOD. 1 MSN HS-ADM ADMINISTRATION HLTH POLCY (144-BH75)	9,910.00
53.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY (133-A250)	902.00
54.	MULTIPLE DONORS CANCER RESEARCH MSN HS-MED (133-A251)	100.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI REHABILITATION MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED REHABIL MEDICINE (133-A535)	5,000.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEVELOPMENT OF SYSTEMS FOR MEMBRANE PROCESSING OF CHEESE WHEY MSN AG&LSC FOOD SCIENCE (133-A810)	144.68
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC UTILITIES RESEARCH FOUNDATION PROFESSORSHIP IN ENERGY ENGINEERING MSN ENGR ENGR EXPER STA ENERGY RES (133-A816)	40,000.00

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58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ADOLF AND ELLA FRANKENTHAL MEMORIAL FUND MSN AG&LSC MEAT& ANIMAL SCI	(133-A839)	6,000.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INVESTIGATION OF HFM ULTRAFILTRATION MEMBRANE PERFORMANCE ON CHEESE WHEY ULTRAFILTRATION MSN AG&LSC FOOD SCIENCE	(133-B330)	842.55
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF ORTHOPEDIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	ORTHO SURG (133-B574)	15,935.00
61.	MULTIPLE DONORS DEPARTMENT OF FOOD SCIENCE CHAIRMAN'S DISCRETIONARY FUND MSN AG&LSC FOOD SCIENCE	(133-B656)	474.74
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY CHAIRMAN'S DISCRETIONARY ACCOUNT MSN HS-MED PSYCHIATRY	(133-C465)	8,697.02
63.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NAVE VISITING SCHOLAR MSN L&S SPANISH & PORT	IBERO-AMER (133-C505)	2,150.00
64.	MULTIPLE DONORS SOLAR ENERGY RESEARCH MSN ENGR ENGR EXPER STA	SOLAR ENRG (133-C535)	100.00
65.	CORN INSECT RESEARCH MSN AG&LSC ENTOMOLOGY	(133-C975)	
	2,000.00 DOW ELANCO AND COMPANY MIDLAND, MI		
	2,000.00 DUPONT (E.I.) DE NOMOURS AND COMPANY WILMINGTON, DE		
	4,000.00 DUPONT (E.I.) DE NEMOURS AND COMPANY WILMINGTON, DE		
			8,000.00
66.	ABBOTT LABORATORIES FRESNO, CA GROWTH REGULATORS - FRUIT CROPS MSN AG&LSC HORTICULTURE	(133-D127)	1,920.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENVIROMENTAL RESEARCH RELATED TO FISHERIES AND AQUATIC SYSTEMS MSN L&S LIMNOLOGY CTR	(133-D190)	1,116.00



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68.	AMERICAN CYANAMID COMPANY WAYNE, NJ VEGETABLE DISEASE RESEARCH MSN AG&LSC PLANT PATHOLOGY	(133-D374)	2,000.00
69.	SURFACE AREA STUDIES MSN HS-PHR PHARMACY	(133-D484)	
	1,500.00 RORER PHARMACEUTICAL CORPORATION FORT WASHINGTON, PA		
	2,807.15 ABBOTT LABORATORIES NORTH CHICAGO, IL		
			4,307.15
70.	OSSIFICON, INC. CAMBRIDGE, MA VITAMIN D RESEARCH MSN AG&LSC BIOCHEMISTRY	(133-D547)	9,000.00
71.	MULTIPLE DONORS DEPARTMENT OF PATHOLOGY DISCRETIONARY FUND MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-D646)	110.00
72.	GENETIC VISIONS, INC. MADISON, WI IMPROVING REPRODUCTIVE EFFICIENCY IN DAIRY CATTLE MSN AG&LSC DAIRY SCIENCE	(133-D706)	1,000.00
73.	FEIGE (EDGAR) MADISON, WI RESEARCH CONSULTATION MSN L&S ECONOMICS	(133-D797)	100.00
74.	MERCK SHARP & DOHME WEST POINT, PA INFECTIOUS DISEASE RESEARCH MSN HS-MED MEDICINE	INFECT DIS (133-D828)	500.00
75.	INFECTIOUS DISEASE EDUCATION FUND MSN HS-MED MEDICINE	INFECT DIS (133-D837)	
	1,500.00 SMITHKLINE BEECHAM PHILADELPHIA, PA		
	500.00 ROCHE LABORATORIES NUTLEY, NJ		
			2,000.00
76.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MODERN CONTROL THEORY RESEARCH MSN ENGR CHEMICAL ENGR	(133-D866)	25,000.00
77.	ICI AMERICAS, INC. WILMINGTON, DE EPIDEMIOLOGY AND CONTROL OF VEGETABLE CROP DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-E035)	1,500.00

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78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN ELECTRIC MACHINES AND POWER ELECTRONICS ACCOUNT MSN ENGR ELEC & COM ENGR ELEC&COMP (133-E273)	85,000.00
79.	UPJOHN COMPANY KALAMAZOO, MI CARDIOVASCULAR RESEARCH MSN HS-MED MEDICINE CARDIOLOGY (133-E381)	2,500.00
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF OPHTHALMOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED OPHTHALMOLOGY (133-E480)	908.24
81.	CHRISTIAN H. BONNIN ESTATE SHAWANO, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL (133-E839)	5,000.00
82.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUSION FEASIBILITY STUDIES MSN ENGR ENGR EXPER STA FUSION TEC (133-F328)	6,000.00
83.	INSTITUTE OF FOOD TECHNOLOGISTS CHICAGO, IL GENERAL RESEARCH MSN AG&LSC FOOD SCIENCE (133-F506)	2,500.00
84.	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI SMALL GRAIN BREEDING AND RESEARCH MSN AG&LSC AGRONOMY (133-F535)	259.04
85.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PAIN TREATMENT RESEARCH FUND MSN HS-PSY PSYCHIATRIC INST (133-F751)	6,732.28
86.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ENGINE COMBUSTION RESEARCH MSN ENGR ENGR EXPER STA I COMBUSTN (133-F778)	10,000.00
87.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FOOD ENGINEERING RESEARCH MSN AG&LSC FOOD SCIENCE (133-F869)	17.14
88.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY (133-G648)	1,135.53

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89.	21ST CENTURY GENETICS SHAWAND, WI BRIDGING THE DISCIPLINES OF REPRODUCTIVE PHYSIOLOGY AND GENETICS--AN INTEGRATED RESEARCH APPROACH MSN AG&LSC DAIRY SCIENCE	(133-G729)	12,000.00
90.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY CHAIRMAN'S FUND MSN HS-MED PSYCHIATRY	(133-G809)	13,500.00
91.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN INFORMATION SCIENCES AND COMMUNICATIONS RESEARCH CONSORTIUM (WISCOM) MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-G942)	3,300.00
92.	RORER FORT WASHINGTON, PA PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-G990)	600.00
93.	MULTIPLE DONORS QUALITY & PRODUCTIVITY RESEARCH PROJECT MSN ENGR INDUSTRIAL ENGR	(133-H060)	420.00
94.	MADISON METROPOLITAN SEWERAGE DISTRICT MADISON, WI EFFECT OF FIELD-SCALE LAND APPLIED SLUDGE CONTAINING PCB'S ON CROPS AND SOILS MSN AG&LSC SOIL SCIENCE	(133-H383)	15,400.00
95.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUSION TECHNOLOGY RESEARCH MSN ENGR ENGR EXPER STA FUSION TEC	(133-H388)	1,000.00
96.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLYMERIZATION REACTION ENGINEERING MSN ENGR CHEMICAL ENGR	(133-H740)	100,000.00
97.	BAYER AG LEVERKUSEN, GERMANY PHARMACEUTICAL RESEARCH MSN HS-PHR PHARMACY	(133-H751)	9,000.00
98.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY GENERAL EXPENDITURES MSN HS-MED PSYCHIATRY	(133-H769)	3,658.00
99.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF PSYCHIATRY GENERAL EXPENDITURES MSN HS-MED PSYCHIATRY	(133-H770)	2,673.00

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100.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI THIN FILM DEPOSITION AND APPLICATIONS PROGRAMS MSN ENGR ENGR EXPER STA MATERLS SC (133-H916)	12,000.00
101.	MULTIPLE DONORS ALS RESEARCH MSN HS-MED NEUROLOGY (133-H941)	150.00
102.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI THIN FILMS COATING RESEARCH MSN ENGR ENGR EXPER STA MATERLS SC (133-H951)	2,000.00
103.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FATIGUE RESEARCH MSN ENGR ENGR MECHANICS (133-J102)	4,000.00
104.	ALLIED CORPORATION MORRISTOWN, NJ AMMONIUM SULFATE AS CONCOMITANT N AND S SOURCE FOR ALFALFA MSN AG&LSC SOIL SCIENCE (133-J396)	12,000.00
105.	MICHAEL J. SMITH MADISON, WI ERGONOMICS RESEARCH LABORATORY MSN ENGR INDUSTRIAL ENGR (133-J403)	4,000.00
106.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF OPHTHALMOLOGY RESEARCH AND DEVELOPMENT OPERATIONAL FUND MSN HS-MED OPHTHALMOLOGY (133-J419)	20,509.31
107.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF OPHTHALMOLOGY RESEARCH FUND MSN HS-MED OPHTHALMOLOGY (133-J421)	9,420.72
108.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MCKINNON GRADUATE AWARD MSN BUS SCH OF BUSINESS (133-J581)	3,000.00
109.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY AND DYNAMICS OF SUSPENSION: MATCHING FUNDS FOR NSF-PRESIDENTIAL YOUNG INVESTIGATORS AWARD MSN ENGR CHEMICAL ENGR (133-J762)	5,000.00
110.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WISCONSIN PLASMA PROCESSING & TECHNOLOGY CONSORTIUM MSN ENGR ENGR EXPER STA PLASMA ERC (133-J808)	30,000.00

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111.	MULTIPLE DONORS CRUCIFER GENETICS COOPERATIVE MSN AG&LSC PLANT PATHOLOGY	(133-J959)	1,284.39
112.	COUNTY OF MILWAUKEE MILWAUKEE, WI DOWNTOWN REVITALIZATION PROJECT (REDUCED TO REFLECT DUPLICATE PRESENTATION) MSN AG&LSC NR-LANDSCAP ARCH	(133-K002)	1,500.00-
113.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ROLE OF TOXIN PRODUCING PASTEURELLA MULTOCIDA AS AN INTENSIFIER OF ATROPHIC RHINITIS IN SWINE MSN VET M MEDICAL SCIENCES	(133-K065)	1,500.00
114.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WOOD AND POLYMER COMPOSITE MATERIALS RESEARCH MSN ENGR CHEMICAL ENGR	(133-K849)	28,000.00
115.	MULTIPLE DONORS ELECTROPHYSIOLOGY RESEARCH FUND MSN HS-MED MEDICINE CARDIOLOGY	(133-K875)	70.08
116.	CIBA-GEIGY CORPORATION SUMMIT, NJ ANXIETY DISORDERS CENTER "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-K955)	40,000.00
117.	STUART PHARMACEUTICALS WILMINGTON, DE TAMOXIFEN COMPLIANCE "CLIN" MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-L004)	35,000.00
118.	STUART PHARMACEUTICALS WILMINGTON, DE A TOXICITY STUDY OF TAMOXIFEN IN POSTMENOPAUSAL WOMEN WITH STAGE I BREAST CANCER "CLIN" MSN HS-MED HUMAN ONCOLOGY CAN C-BIOM	(133-L005)	55,000.00
119.	CONSOLIDATED PAPERS INC. WISCONSIN RAPIDS, WI BIOPULPING CONSORTIUM MSN GRAD BIOTECHNOLGY CTR	(133-L093)	15,000.00
120.	STUART PHARMACEUTICALS WILMINGTON, DE STUART ALDOSE REDUCTASE INHIBITOR TRIAL: NEUROPATHY, CATARACT, MACULAR EDEMA AND RETINOPATHY "CLIN" MSN HS-MED OPHTHALMOLOGY	(133-L251)	39,000.00
121.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SIX MONTH TRANSFER OF ATTACHED ITEMIZED 1987 DRDF COMMITTEE BUDGET MSN HS-MED OPHTHALMOLOGY	(133-L302)	8,060.92

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122.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELECTRONICS PACKAGING INTERCONNECTION PROGRAM (EPIP) MSN ENGR ENGR MECHANICS (133-L386)	33,000.00
123.	MERCK SHARP & DOHME PENNSYLVANIA, PA EFFICACY AND TOLERABILITY OF FAMOTIDINE IN PATIENTS WITH ACTIVE DUODENAL ULCER MSN HS-MED MEDICINE GASTROENT (133-L810)	10,000.00
124.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SURGICAL SCIENCE RESEARCH MODULE MSN HS-MED SURGERY (133-L822)	723,668.06
125.	MULTIPLE DONORS ENZYME CONTROL IN FOODS MSN AG&LSC FOOD SCIENCE (133-L848)	119.00
126.	STUART PHARMACEUTICALS WILMINGTON, DE ICI 176, 334 IN PATIENTS WITH ADVANCED PROSTATIC CARCINOMA "CLIN" MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL (133-L975)	19,300.00
127.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI OPHTHALMOLOGY RESEARCH & DEVELOPMENT FUND MSN HS-MED OPHTHALMOLOGY (133-M383)	40,426.87
128.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH & DEVELOPMENT FUND FOR THE DEPARTMENT OF SURGERY - PERFUSION SERVICES MSN HS-MED SURGERY (133-M394)	4,000.00
129.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI OPHTHALMOLOGY RESEARCH & DEVELOPMENT FUND MSN HS-MED OPHTHALMOLOGY (133-M395)	90,000.00
130.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH IN COMPUTER BASED DECISION SUPPORT SYSTEMS MSN ENGR ENGR EXPER STA HLTH SYS'S (133-M442)	7,000.00
131.	LUCE ( THE HENRY ) FOUNDATION, INC. NEW YORK, NY LUCE FUND FOR SOUTHEAST ASIA STUDIES FOR THE PERIOD 01-01-88 THRU 12-31-90 MSN L&S SPECIAL PROJECTS SE ASIA ST (133-M554)	126,000.00

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132.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BLOCK GRANT FOR CONTINUATION OF THE EXPERIMENT FOR SPONSORING LECTURES AND CULTURAL PROGRAMS IN 1989-90 MSN L&S SPANISH & PORT IBERO-AMER (133-M636)	3,000.00
133.	LEACH FARMS, INC. BERLIN, WI CONDUCT RESEARCH ON SOIL-BORNE PLANT PATHOGENS WHICH INCLUDE CELERY, GINSENG, PEAS, BEANS AND CRUCIFERS MSN AG&LSC PLANT PATHOLOGY (133-M707)	1,000.00
134.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PYI MATCHING FUNDS MSN ENGR MAT SCI & ENGR (133-M715)	5,000.00
135.	SHIONOGI RESEARCH LABORATORIES FUKUSHIMA-KU, OSAKA, JAPAN CLINICAL ASSESSMENT OF VITAMIN K DEFICIENCY MSN AG&LSC BIOCHEMISTRY (133-M743)	10,000.00
136.	MULTIPLE DONORS FOOD INSECTS RESEARCH AND DEVELOPMENT PROJECT MSN AG&LSC ENTOMOLOGY (133-M749)	17.00
137.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF SURGICAL ONCOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY ONCOLOGY (133-M810)	34,461.00
138.	HUGHES (HOWARD) MEDICAL INSTITUTE NATIONAL RESEARCH COUNCIL BETHESDA, MD DOCTORAL FELLOWSHIPS IN BIOLOGICAL SCIENCES FOR THE PERIOD 06-01-88 THRU 08-31-89 MSN GRAD (133-M890)	23,000.00
139.	WISC DEPT OF AGRICULTURE TRADE AND CONSUMER PROTECTION MADISON, WI A DEMONSTRATION OF LOW INPUT STRATEGIES FOR POTATO/VEGETABLE PRODUCTION ON IRRIGATED SAND FOR THE PERIOD 05-05-88 THRU 03-31-90 REDUCED TO \$30,020 LEVEL TO REFLECT PART OF PROJECT THAT WAS AWARDED DIRECTLY TO UW STEVENS POINT AWARD # 8810 MSN AG&LSC HORTICULTURE (133-M910)	31,470.00-
140.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BADGER CHEMIST FUND MSN L&S CHEMISTRY (133-N003)	3,000.00

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141.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI NEURODYSPHAGIA CLINIC OPERATIONS MSN HS-MED NEUROLOGY	(133-NO24)	7,370.07
142.	GLAXO, INC. RESEARCH TRIANGLE PARK, NC INTERFERON-INDUCED METABOLISM OF TRYPTOPHAN AND NEOPTERIN IN MACROPHAGES/MONOCYTES: IMPLICATIONS IN CANCER, AUTOIMMUNE DISEASES AND AIDS MSN HS-MED HUMAN ONCOLOGY CLIN ONCOL	(133-NO49)	24,924.00
143.	MARION LABORATORIES INC. KANSAS CITY, MO "DOSE RANGING EVALUATION OF DILTIAZEM HYDROCHLORIDE SUSTAINED RELEASE CAPSULES VERSUS PLACEBO IN PATIENTS WITH CHRONIC STABLE ANGINA PECTORIS" "CLIN" MSN HS-MED MEDICINE	CARDIOLOGY (133-N277)	15,210.00
144.	UPJOHN COMPANY KALAMAZOO, MI PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-N293)	2,000.00
145.	INTERNATIONAL CLINICAL RESEARCH CORPORATION LA MESA, CA THE USE OF ALPIDEM IN PATIENTS WITH GENERALIZED ANXIETY DISORDER "CLIN" MSN HS-PSY PSYCHIATRIC INST	(133-N297)	12,356.50
146.	HERSHEY FOODS CORPORATION HERSHEY, PA DIETARY FIBER COMPONENTS IN BARLEY PRODUCTS MSN AG&LSC NUTRITIONAL SCI	(133-N434)	1,100.00
147.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PRESIDENTIAL YOUNG INVESTIGATOR AWARD MATCHING FUNDS MSN ENGR CHEMICAL ENGR	(133-N515)	7,000.00
148.	MACARTHUR (JOHN D. AND CATHERINE) FOUNDATION CHICAGO, IL REGIONAL CONFLICT AND GLOBAL SECURITY: THE NUCLEAR DIMENSION FOR THE PERIOD 01-01-89 THRU 12-31-90 MSN G E A INTL STU & PROGS	(133-N587)	96,075.00
149.	CALGENE, INC. DAVIS, CA VEGETABLE RESEARCH MSN AG&LSC HORTICULTURE	(133-N621)	1,440.00
150.	MULTIPLE DONORS LYME DISEASE MSN VET M MEDICAL SCIENCES	(133-N639)	254.25



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151.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ SAFETY, TOLERABILITY AND EFFICACY OF MK 906 IN PATIENTS WITH BENIGN PROSTATIC HYPERPLASIA "CLIN" MSN HS-MED SURGERY                      UROLOGY                      (133-N664)	3,591.25
152.	U.S. CANCER PAIN RELIEF COMMITTEE MADISON, WI PAIN RESEARCH GROUP-TO ESTABLISH A POLICY STUDIES DIVISION MSN HS-MED NEUROLOGY                      (133-N688)	50,000.00
153.	DANE COUNTY UNIFIED SERVICES BOARD MADISON, WI CASE MANAGEMENT FOR THE PERIOD 01-01-89 THRU 12-31-89 AWARD # 90199 MSN GRAD      WAISMAN CENTER                      (133-N692)	6,200.00
154.	LUCE (HENRY) FOUNDATION, INC. NEW YORK, NY LUCE FUND FOR SOUTHEAST ASIAN STUDIES FOR THE PERIOD 01-01-89 THRU 12-31-90 MSN L&S      SPECIAL PROJECTS SE ASIA ST                      (133-N706)	110,000.00
155.	ROCKEFELLER FOUNDATION NEW YORK, NY SUMMER INSTITUTE OF AFRICAN AGRICULTURAL RESEARCH FOR THE PERIOD 12-01-88 THRU 11-30-90 AWARD # RF88088 MSN AG&LSC INTL AG PRGS-ADM                      (133-N719)	95,000.00
156.	MADISON BIBLICAL ARCHAEOLOGICAL SOCIETY MADISON, WI MADISON BIBLICAL ARCHAEOLOGICAL SOCIETY EXPENSES MSN L&S      HEBREW & SEM STU                      (133-N727)	200.00
157.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WCSAR ASTRO FUEL MSN ENGR      ENGR EXPER STA      SPAC COMM                      (133-N734)	6,000.00
158.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HISTORY OF CARTOGRAPHY MSN L&S      GEOGRAPHY                      (133-N780)	1,500.00
159.	MULTIPLE DONORS GENERAL CLINICAL RESEARCH CENTER MSN HS-MED SPEC PROJCT                      UW-GCRC                      (133-N782)	545.00
160.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA DC MULTIPLE INFEEED STUDY FOR THE PERIOD 11-01-88 THRU 05-31-91 AT A \$305,129 LEVEL AWARD # RP2675-4 MSN ENGR      ENGR PRFSNL DVLP                      (133-N791)	240,129.00

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161.	DOW CHEMICAL COMPANY MIDLAND, MI CHARACTERIZATION TECHNIQUES FOR THE DIELECTRIC PROPERTIES OF POLYMERIC FILMS FOR THE PERIOD 12-19-88 THRU 11-30-90 AWARD # 881475 MSN ENGR ELEC & COM ENGR ELEC&COMP (133-N797)	35,000.00
162.	FRITO-LAY, INC. DALLAS, TX FAT FIBER INTERACTIONS MSN AG&LSC FOOD SCIENCE (133-N910)	29,500.00
163.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN NIZATIDINE VS. PLACEBO IN GASTRIC ULCER DISEASE MSN HS-MED MEDICINE GASTROENT (133-N958)	4,465.00
164.	BONE CARE INTERNATIONAL, INC. MADISON, WI BONE CARE FUND MSN AG&LSC BIOCHEMISTRY (133-N990)	1,731.87
165.	AMERICAN CYANAMID COMPANY JOLIET, IL SINGLE DOSE, OPEN LABEL, PARALLEL, MULTI-CENTER PHARMACOKINETICS STUDY OF PIPERACILLIN AND TAZOBACTAM AFTER INTRAVENOUS INFUSION IN SUBJECTS WITH VARIOUS DEGREES OF RENAL IMPAIRMENT "CLIN" MSN HS-PHR PHARMACY (133-P008)	17,560.00
166.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH PROJECT ON LAW AND RACE IN BRAZIL MSN L&S SPANISH & PORT IBERO-AMER (133-P120)	2,624.00
167.	OSCAR MAYER FOOD CORPORATION MADISON, WI THE EFFECT OF EGG WHITE AND LYSOZYME ON THE GROWTH AND TOXIN FORMATION BY CLOSTRIDIUM BOTULINUM IN TURKEY PRODUCTS MSN AG&LSC FOOD MICRO&TOXIC (133-P147)	1,500.00
168.	CEVA LABORATORIES, INC. OVERLAND PARK, KS SWINE RESPIRATORY DISEASE MSN VET M MEDICAL SCIENCES (133-P218)	546.00
169.	GAS RESEARCH INSTITUTE CHICAGO, IL MODELING OF PRESSURE COMPARTMENTS IN THE ST. PETER SANDSTONE GAS RESERVOIR IN THE MICHIGAN BASIN FOR THE PERIOD 06-01-89 THRU 05-31-92 AWARD # GRI NO. 5089-260-1810 MSN L&S GEOL & GEOPHYSCS (133-P287)	729,813.00

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170.	BERGER-BOYER AND ASSOCIATES, INC. KANSAS CITY, MO A DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED STUDY OF THE EFFICACY AND SAFETY OF AQUEOUS FLUTICASONE PROPIONATE GIVEN ONCE VS. TWICE- DAILY VS. PLACEBO FOR TWO WEEKS IN ADOLESCENT PATIENTS WITH SEASONAL ALLERGIC RHINITIS "CLIN" MSN HS-MED MEDICINE ALLRGY&IMM (133-P431)	7,128.00
171.	WISCONSIN INNOVARIUM WAUWATOSA, WI SALARY SUPPORT OF GRADUATE ASSISTANT MSN HS-MED MEDICAL PHYSICS (133-P541)	3,288.25
172.	MULTIPLE DONORS PATIENT AND STAFF EDUCATION FUND MSN HS-MED SURGERY THORACIC S (133-P702)	500.00
173.	NATIONAL PORK PRODUCERS COUNCIL DES MOINES, IA GENETIC MARKERS FOR USE IN SWINE SELECTION PROGRAMS AWARD # 18792 MSN AG&LSC MEAT& ANIMAL SCI (133-P703)	7,600.00
174.	NATIONAL PORK PRODUCERS COUNCIL DES MOINES, IA DEVELOPMENT OF A PRACTICAL TEST FOR QUALITY VARIATIONS IN PRE-RIGOR PORK AWARD # 18790 MSN AG&LSC MEAT& ANIMAL SCI (133-P705)	10,000.00
175.	ROWLANDS (ROBERT E. OR MARY ROMA) MADISON, WI HYBRID COMPUTATIONAL MECHANICS MSN ENGR ENGR MECHANICS (133-P885)	2,925.00
176.	UNIVERSITY TECHNOLOGY TRANSFER, INC. TORRANCE, CA DEVELOP AN INEXPENSIVE WASTEWATER POLLUTANT SENSOR FOR THE PERIOD 09-01-89 THRU 06-30-90 MSN L&S CHEMISTRY (133-P912)	5,865.00
177.	NATIONAL CENTER FOR EFFECTIVE SCHOOLS, RESEARCH AND DEVELOPMENT FOUNDATION OKEMOS, MI NATIONAL CENTER FOR EFFECTIVE SCHOOLS, RESEARCH AND DEVELOPMENT MSN EDUC WIS CTR EDUC RES (133-P915)	20,000.00
178.	JOHN R. CAMERON MEDICAL PHYSICS FOUNDATION MIDDLETON, WI DISCRETIONARY FUND IN THE DEPARTMENT OF MEDICAL PHYSICS MSN HS-MED MEDICAL PHYSICS (133-P958)	4,500.00

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179.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHILD AND ADOLESCENT PSYCHIATRY SUPPLIES AND EXPENSES MSN HS-MED PSYCHIATRY	(133-P964)	700.00
180.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	(133-P965)	5,000.00
181.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF PLASTIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	DENT&P SRG (133-P966)	5,000.00
182.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF GENERAL SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	GEN SURG (133-P967)	5,000.00
183.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF ORTHOPEDIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	ORTHO SURG (133-P968)	5,000.00
184.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF OTOLARYNGOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	OTOLARYN (133-P969)	5,000.00
185.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF CARDIOTHORACIC SURGERY RESEARCH AND DEVELOPMENT MSN HS-MED SURGERY	THORACIC S (133-P970)	5,000.00
186.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF UROLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	UROLOGY (133-P971)	5,000.00
187.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI 1990 DEPARTMENT OF OPHTHALMOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED OPHTHALMOLOGY	(133-P972)	50,000.00
188.	GENERAL MOTORS CORPORATION WARREN, MI THE ENHANCEMENT OF MONITORING AND FAILURE "PREDICTION CAPABILITIES OF MMMS SYSTEM" FOR THE PERIOD 08-01-89 THRU 07-31-90 AWARD # PMS 17417 MSN ENGR MECHANICAL ENGR	(133-P986)	29,260.00

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189.	CHEMICAL CHARACTERIZATION OF LANDFILL REFUSE DECOMPOSITION OVER TIME MSN ENGR CIVIL & ENV ENGR (133-Q001)	
	10,000.00 CONTAINER CORPORATION OF AMERICA ALTON, IL	
	10,000.00 PERSECO COMPANY WESTMONT, IL	
	25,000.00 HERCULES INCORPORATED NORCROSS, GA	
	10,000.00 SCOTT PAPER PHILADELPHIA, PA	
	10,000.00 HDECHST CELANESE PORTSMOUTH, VA	
	10,000.00 DUPONT (E.I.) DENEMOURS & COMPANY WILMINGTON, DE	
		75,000.00
190.	NATIONAL PORK PRODUCERS COUNCIL DES MOINES, IA INVESTIGATIONS ON CORRELATION BETWEEN SPECIFIC LIPOPROTEIN MUTANT GENES AND FAT CONTENT IN PORK LOINS, AND THE RATE OF GROWTH IN FEEDER PIGS AWARD # 18791 MSN AG&LSC MEAT& ANIMAL SCI (133-Q027)	12,000.00
191.	RIKER LABORATORIES MINNESOTA MINING AND MANUFACTURING ST. PAUL, MN BIOLOGICAL ASSAYS OF RESPONSE MODIFICATION MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY (133-Q079)	1,950.00
192.	CYSTIC FIBROSIS FOUNDATION BETHESDA, MD PULMONARY BENEFITS OF CF NEONATAL SCREENING FOR THE PERIOD 10-01-89 THRU 09-30-90 AWARD # A025 9C-2 MSN HS-MED PEDIATRICS (133-Q081)	25,000.00
193.	FORD FOUNDATION NEW YORK, NY PROPOSAL TO MONITOR COLLABORATION PROJECTS FOR THE FORD FOUNDATION FOR THE PERIOD 01-01-90 THRU 12-31-90 AWARD # 850-0224-7 MSN EDUC WIS CTR EDUC RES (133-Q129)	368,000.00
194.	ELECTRIC POWER RESEARCH INSTITUTE PALO ALTO, CA THERMAL STORAGE APPLICATIONS AND RESEARCH CENTER FOR THE PERIOD 12-01-89 THRU 01-31-90 AWARD # RP 2732-28 MSN ENGR ENGR PRFSNL DVLP (133-Q137)	40,000.00

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195.	ROCKEFELLER FOUNDATION NEW YORK, NY ROCKEFELLER FOUNDATION AFRICAN DISSERTATION INTERNSHIP AWARD # RF 89034,#111 MSN L&S POLITICAL SCI	(133-Q151)	4,700.00
196.	DANE COUNTY YOUTH COMMISSION MADISON, WI 1990 YOUTH SURVEY ANALYSIS FOR THE PERIOD 09-01-89 THRU 12-31-89 AWARD # 10469 MSN HS-ADM ADMINISTRATION HLTH POLCY	(133-Q155)	1,200.00
197.	MIRACLE FEEDS ONTARIO, CANADA ALTERNATIVE FEEDING STRATEGIES FOR DAIRY CATTLE MSN AG&LSC DAIRY SCIENCE	(133-Q157)	6,000.00
198.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WAISMAN SUPPORT STAFF PROJECT MSN GRAD WAISMAN CENTER	(133-Q158)	7,327.00
199.	CIBA-GEIGY CORPORATION SUMMIT, NJ DICLIFENAC SODIUM OPHTHALMIC OCULAR DISTRIBUTION STUDY MSN HS-PHR PHARMACY	(133-Q163)	19,162.00
200.	ALDRICH CHEMICAL COMPANY, INC. MILWAUKEE, WI DISCRETIONARY GRANT FOR CHEMICAL RESEARCH MSN L&S CHEMISTRY	(133-Q164)	5,000.00
201.	CHICAGO COLLEGE OF OSTEOPATHIC MEDICINE CHICAGO, IL MITOCHONDRIAL STUDIES ON DIABETIC RATS MSN HS-MED NEUROLOGY	(133-Q189)	7,500.00
202.	AMERICAN CYANAMID COMPANY PEARL RIVER, NY EFFECT OF TOPICAL METHAZOLAMIDE ON AQUEOUS HUMOR FORMATION IN CYNOMOLGUS MONKEYS MSN HS-MED OPHTHALMOLOGY	(133-Q190)	4,991.00
203.	EYGENE, INCORPORATED BOSTON, MA EFFECTS OF ETHACRYNIC ACID ON AQUEOUS HUMOR DYNAMICS MSN HS-MED OPHTHALMOLOGY	(133-Q191)	5,760.00
204.	SYNTHETIC INDUSTRIES CHICKAMAUGA, GA FIBER REINFORCED EARTH EMBANKMENT TESTING MSN ENGR CIVIL & ENV ENGR	(133-Q192)	20,000.00

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205.	DENT NEUROLOGICAL INSTITUTE BUFFALO, NY ANALYSES OF 2', 5' ADENYLATE SYNTHETASE "CLIN" MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY (133-Q193)	2,150.00
206.	WISCONSIN BEEF COUNCIL MADISON, WI AN EVALUATION OF THE EATING QUALITY OF LOIN STEAKS FROM HIGH ENERGY FED HOLSTEIN BEEF CARCASSES: A. USDA VS SELECTED GRADE; B. EFFECT OF ELECTRICAL STIMULATION AND AGING MSN AG&LSC MEAT& ANIMAL SCI (133-Q194)	3,500.00
207.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INVESTIGATION ON REDUCING PLASMA CHOLESTEROL BY TOCOTRIENOLS IN PIGS WITH LIPOPROTEIN GENOTYPES ASSOCIATED WITH LOW, INTERMEDIATE AND HIGH PLASMA CHOLESTEROL MSN AG&LSC MEAT& ANIMAL SCI (133-Q195)	5,000.00
208.	AMSTAR SUGAR CORPORATION BALTIMORE, MD TO DETERMINE BROILER CHICK PERFORMANCE AND CHARACTERIZE SPECIFIC GASTROINTESTINAL MICROBIAL POPULATIONS WHEN BIRDS ARE FED SUGAR PROCESSING BY-PRODUCT MSN AG&LSC POULTRY SCIENCE (133-Q196)	2,500.00
209.	OMRO (COMMUNITY OF) OMRO, WI OMRO DOWNTOWN REVITALIZATION MSN AG&LSC NR-LANDSCAP ARCH (133-Q197)	3,150.00
210.	MULTIPLE DONORS CIAS DEVELOPMENT ACCOUNT MSN AG&LSC C I A S (133-Q198)	200.00
211.	MULTIPLE DONORS INNOVATIVE FORAGE HARVESTING SYSTEMS RESEARCH MSN AG&LSC AG ENGINEERING (133-Q199)	200.00
212.	WINDWAY FOUNDATION, INC. SHEBOYGAN, WI COMPARATIVE AND EVOLUTIONARY OSTEOLOGY MSN VET M SURGICAL SCI (133-Q200)	2,000.00
213.	SCIENCE AND ENGINEERING RESEARCH COUNCIL ENGLAND NATO POSTDOCTORAL FELLOWSHIP MSN AG&LSC GENETICS (133-Q202)	42,497.00
214.	WRIGLEY (WILLIAM & JUNE) CHICAGO, IL STUDY OF LAMENESS IN ARABIAN HORSES MSN VET M SURGICAL SCI (133-Q203)	25,000.00

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215.	CANCER RESEARCH INSTITUTE, INC. NEW YORK, NY POSTDOCTORAL FELLOWSHIP MSN HS-MED ONCOLOGY	(133-Q207)	25,500.00
216.	PHARMACEUTICAL MANUFACTURING ASSN. FOUNDATION WASHINGTON, DC THE ROLE AND MECHANISM OF ACTION OF RETINOIC ACID IN NEURAL TISSUE DEVELOPMENT FOR THE PERIOD 01-01-90 THRU 12-31-90 MSN HS-PHR PHARMACY	(133-Q209)	10,000.00
217.	NAUTILUS RESEARCH CORPORATION MADISON, WI EVALUATION OF MENTHOL, AN ANTITUSSIVE IN TREATMENT OF CHRONIC BRONCHITIS MSN HS-MED MEDICINE PULMON MED	(133-Q210)	8,000.00
218.	MDA NEW YORK, NY REGULATION OF MYOGENESIS BY FIBROBLAST GROWTH FACTOR FOR THE PERIOD 01-01-90 THRU 12-31-90 MSN AG&LSC BIOCHEMISTRY	(133-Q211)	40,000.00
219.	CIBA-GEIGY CORPORATION SUMMIT, NJ OBSESSIVE-COMPULSIVE INFORMATION CENTER MSN HS-PSY PSYCHIATRIC INST	(133-Q214)	68,956.00
220.	WI DEPT OF HEALTH & SOCIAL SERVICES MADISON, WI QUALITY ASSURANCE AND UTILIZATION REVIEW (QA/UR) PROGRAM FOR THE PERIOD 01-01-90 THRU 12-31-90 MSN ENGR ENGR EXPER STA HLTH SYS'S	(133-Q218)	45,530.00
221.	EXTREL CORPORATION PITTSBURGH, PA DEVELOPMENT OF A LOW-FIELD FOURIER TRANSFORM ION CYCLOTRON RESONANCE MASS SPECTROMETER MSN L&S CHEMISTRY	(133-Q222)	7,032.85
222.	ALLERGAN PHARMACEUTICALS, INC. IRVINE, CA EFFECT OF TOPICAL PROSTAGLANDIN D-2 ON INTRAOCULAR PRESSURE IN THE CYNOMOLGUS MONKEY MSN HS-MED OPHTHALMOLOGY	(133-Q227)	5,799.00
223.	AMERICAN CANCER SOCIETY, INC. ATLANTA, GA POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 01-01-90 THRU 12-31-92 AWARD # PF-3408 MSN AG&LSC BACTERIOLOGY	(133-Q228)	69,000.00



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224.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI STRUCTURE AND FUNCTION OF TITIN IN CARDIAC MYOFIBRILS AWARD # 88-GA-61 MSN AG&LSC MEAT& ANIMAL SCI	(133-Q230)	18,706.00
225.	SWEDISH NUCLEAR POWER INSPECTORATE STOCKHOLM, SWEDEN SINGLE DROPLET VAPOR EXPLOSION EXPERIMENTS FOR THE PERIOD 12-01-89 THRU 11-30-90 AWARD # 13.5.1-870705/89158 MSN ENGR NUC ENGR&E PHYSC	(133-Q244)	33,000.00
226.	AMERICAN INSTITUTES FOR RESEARCH IN THE BEHAVIORAL SCIENCES WASHINGTON, DC MIDLIFE INTERPRETATIONS OF CHILDREN'S ACHIEVEMENTS FOR THE PERIOD 01-01-90 THRU 12-31-90 MSN GRAD INST-AGING&ADULT	(133-Q245)	43,345.00
227.	MULTIPLE DONORS FELINE LEUKEMIA RESEARCH MSN VET M MEDICAL SCIENCES	(133-Q246)	250.00
228.	AMERICAN HEART ASSOCIATION OF WISCONSIN MILWAUKEE, WI MECHANISMS OF AMIODARONE PULMONARY TOXICITY FOR THE PERIOD 01-01-90 THRU 12-31-90 AWARD # 89-GA-72 MSN HS-MED MEDICINE PULMON MED	(133-Q247)	20,000.00
229.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI CONFERENCE ON A CENTURY OF CIVIL RIGHTS STRUGGLE MSN LAW LAW SCHOOL	(133-Q249)	3,750.00
230.	ARTHUR SCHUMAN INCORPORATED CLIFTON, NJ STUDY OF GRUYERE CHEESE MSN AG&LSC DAIRY RESEARCH,C DAIRY RESH	(133-Q257)	400.00
231.	AMERICAN FERTILITY SOCIETY BIRMINGHAM, AL HANDS ON CRYOPRESERVATION AND MICROMANIPULATION WORKSHOP MSN AG&LSC MEAT& ANIMAL SCI	(133-Q258)	10,000.00
232.	FATS AND PROTEIN RESEARCH FOUNDATION, INC. FT. MYERS BEACH, FL ANIMAL PROTEIN BYPRODUCTS AND LIQUID FEED SUPPLEMENTS FOR HIGH PRODUCING COWS MSN AG&LSC DAIRY SCIENCE	(133-Q259)	38,629.00
233.	RETINA RESEARCH FOUNDATION HOUSTON, TX MATERNAL DIABETIC RETINOPATHY AND INFANT GROWTH CONTRAST SENSITIVITY AND AGE-RELATED RETINAL DISEASES FOR THE PERIOD 01-01-90 THRU 12-31-90 MSN HS-MED OPHTHALMOLOGY	(133-Q260)	34,100.00

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234.	CARGILL ELK RIVER, MN RETENTION IN RATS AND PIGS FED VARYING LEVELS OF INTAKE: PROPOSAL TO DETERMINE THE AMINO ACID CONTENT OF THE EMPTY BODIES OF RATS AND PIGS MSN AG&LSC MEAT& ANIMAL SCI (133-Q261)	12,221.00
235.	MUSCULAR DYSTROPHY ASSOCIATION NEW YORK, NY PROLIFERATIVE BEHAVIOR OF SATELLITE CELLS IN GROWING MUSCLE FOR THE PERIOD 01-01-90 THRU 12-31-90 MSN HS-MED ANATOMY (133-Q263)	45,460.00
236.	GRACE (W R) & CO. - CONN. COLUMBIA, MD DEVELOPMENT OF A BOVINE HORMONE TRANSGENIC MOUSE MSN AG&LSC MEAT& ANIMAL SCI (133-Q264)	4,080.00
237.	AMERICAN SOCIETY FOR MICROBIOLOGICAL FOUNDATION, INC. WASHINGTON, DC VETERINARY SCIENCE DEVELOPMENT IN RESEARCH AND INSTRUCTION MSN AG&LSC VETERINARY SCI (133-Q267)	500.00
238.	BRADLEY (LYNDE AND HARRY) FOUNDATION, INC. MILWAUKEE, WI CONFERENCE AND FOLLOW-UP BOOK ON RACIAL ISSUES IN MIDDLE SIZE METROPOLITAN AREAS FOR THE PERIOD 01-09-90 THRU 01-09-91 MSN L&S LAFOLLET PUBL AF (133-Q268)	65,000.00
239.	GENETICS COMPUTER GROUP, INC. MADISON, WI COMPUTING SUPPORT FOR MAINTAINING GENETIC SEQUENCING SOFTWARE MSN GRAD PHY SCIENCES LAB (133-Q269)	2,500.00
240.	MCNEIL PHARMACEUTICAL SPRING HOUSE, PA PULMONARY FELLOWSHIP MSN HS-MED PEDIATRICS (133-Q271)	12,000.00
241.	GUGGENHEIM (HARRY FRANK) FOUNDATION NEW YORK, NY EFFECT OF THE SOCIAL ENVIRONMENT ON THE PEACE- MAKING SKILLS OF JUVENILE MONKEYS FOR THE PERIOD 01-01-90 THRU 12-30-90 MSN GRAD PRIMATE RES CTR (133-Q272)	6,778.00
242.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC SPECTROSCOPIC AND MICROKINETIC STUDIES OF HYDROCARBON REFORMING REACTIONS OVER PT/L- ZEOLITE CATALYSTS FOR THE PERIOD 01-01-90 THRU 08-31-92 AWARD # ACS-PRF# 22242-AC5-C MSN ENGR CHEMICAL ENGR (133-Q274)	40,000.00

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243.	LILLY RESEARCH LABORATORIES GREENFIELD, IN EFFICACY OF (200 G) TILMICOSIN PER TON OF FEED FOR CONTROL OF SWINE ATROPHIC RHINITIS INVOLVING INJECTION WITH TOXIGENIC PASTEURELLA MULTOCIDA TYPE D (PMD) MSN VET M MEDICAL SCIENCES	(133-Q275)	20,533.00
244.	NATIONAL KRAUT PACKERS ASSOCIATION INC. ST. CHARLES, IL STUDY OF THE METHODS OF CONTROLLING CABBAGE DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-0209)	3,000.00
245.	KOHLER FOUNDATION KOHLER, WI MARIE CHRISTINE KOHLER FELLOWSHIP MSN GRAD	(133-2002)	11,900.00
246.	KAISER ALUMINUM AND CHEMICAL CORPORATION MEAD, WA STUDY OF BASIC AND CLINICAL ASPECTS OF EXPERIMENTAL FLUORINE TOXICOSIS MSN AG&LSC BIOCHEMISTRY	(133-3220)	5,000.00
247.	MULTIPLE DONORS LEUKEMIA RESEARCH-DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-3535)	245.00
248.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	
	8,000.00 E.I. DUPONT DE NEMOURS & COMPANY WILMINGTON, DE		
	6,000.00 DUPONT (E.I.) DE NEMOURS AND COMPANY WILMINGTON, DE		
			14,000.00
249.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT FOOD RESEARCH INSTITUTE MSN AG&LSC FOOD MICRO&TOXIC	(133-5328)	230,000.00
250.	MERLIN S. BERGDOLL MADISON, WI STAPHYLOCOCCUS ENTEROTOXIN RESEARCH MSN AG&LSC FOOD MICRO&TOXIC	(133-5654)	2,000.00
251.	MULTIPLE DONORS MEDICAL SCHOOL DEAN'S UNRESTRICTED FUND MSN HS-MED	(133-5671)	100.00
252.	SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	
	7,643.00 MIDWEST FOOD PROCESSORS ASSOCIATION, INC. MADISON, WI		
	1,440.00 UNIROYAL CHEMICAL COMPANY RALEIGH, NC		
	480.00 MULTIPLE DONORS		
			9,563.00

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253.	MAYBELLE S. HALL WAUNAKEE, WI CYSTIC FIBROSIS RESEARCH MSN HS-MED PEDIATRICS	(133-8586)	500.00
254.	DUPONT (E.I.) DE NEMOURS AND COMPANY WILMINGTON, DE HERBICIDE RESEARCH PROGRAM MSN AG&LSC AGRONOMY	(133-9070)	500.00
255.	MIDWEST FOOD PROCESSORS ASSOCIATION MADISON, WI METHODS OF IMPROVING WISCONSIN CARROTS USED FOR PROCESSING AND FRESH MARKETS, PARTICULARLY BY BREEDING BETTER STRAINS OF THIS VEGETABLE WITH EMPHASIS ON DISEASE RESISTANCE IN HYBRIDS MSN AG&LSC HORTICULTURE	(133-9251)	3,000.00
256.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RHEOLOGY RESEARCH CENTER OPERATING GRANT MSN ENGR ENGR MECHANICS	(133-9653)	14,000.00
257.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FUSION TECHNOLOGY PROGRAM MSN ENGR ENGR EXPER STA FUSION TEC	(133-9977)	4,000.00

## STUDENT AID

1.	NICKERSON (FRANK AND ESTHER RHEA) MEMORIAL SCHOLARSHIP TRUST MADISON, WI FRANK AND ESTHER RHEA NICKERSON MEMORIAL SCHOLARSHIP (193-8354) MSN ATH GENERAL OPERATNS ADMIN		1,857.22
2.	GENERAL MOTORS DETROIT, MI UNDERGRADUATE ATHLETIC SCHOLARSHIPS (193-0498) MSN ATH GENERAL OPERATNS ADMIN		1,000.00
3.	DOKKEN, M. GERHARD GAINSVILLE, GA DOKKEN, GERHARD--LOAN FUND MSN BUS SV BURSAR	( LOANS )	3,000.00
4.	PETERSON, JUDY ANN MAZOMANIE, WI WHITE, PHILLIP--LOAN FUND MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( LOANS )	25.00
5.	SANTA'S TREES, INC LAKE FOREST, IL LYON, EARLE D.--SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	( TRUST )	487.50

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

## STUDENT AID

6.	CONTINENTAL BANK SCHULTE, HELEN D. TRUST CHICAGO, IL SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	( TRUST )	9,204.53
7.	WISCONSIN RURAL REHABILITATION CORP MADISON, WI VETERINARY MEDICINE SCHOLARSHIP FUND MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S	( TRUST )	2,000.00
8.	FIRST WISCONSIN - MADISON COMSTOCK, WILLIAM T. TRUST MADISON, WI BLEYER, WILLARD G.--JOURNALISM SCHOLARSHIP #2 MSN L&S JOURN & MASS COM	( TRUST )	66.11
9.	FIRST WISCONSIN - MADISON COMSTOCK, WILLIAM T. TRUST MADISON, WI JOURNALISM SCHOLARSHIP FUND MSN L&S JOURN & MASS COM	( TRUST )	94.09
10.	FIRST WISCONSIN - MADISON COMSTOCK, WILLIAM T. TRUST MADISON, WI COMSTOCK SCHOLARSHIP FUND IN CONSERVATION MSN AG&LSC ACAD STU AFF ADM	( TRUST )	47.05
11.	EARNINGS ON MISC. INVESTMENTS MESSERSCHMIDT, DR. RAMONA--SCHOLARSHIP FUND IN CLINICAL PSYCHOLOGY MSN L&S PSYCHOLOGY	( TRUST )	377.29
12.	WEISS, JOHN W. M.D. GLENCOE, IL CLASS OF 1958--LOW INTEREST LOAN FUND MSN HS-MED	( TRUST )	100.00
13.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WOODRUFF, JEANNE HAUNSCHILD--STUDENT ASSISTANCE MSN HS-NUR	( TRUST )	125.00
14.	MCGIBBON, W.H.--SCHOLARSHIP MSN AG&LSC POULTRY SCIENCE	( TRUST )	
	50.00 ARRINGTON, LOUIS C. MADISON, WI		
	100.00 BITGOOD, JAMES MIDDLETON, WI		
			150.00
15.	WEIGLE, DOROTHY MADISON, WI CUNA MUTUAL CHARITABLE FOUNDATION MADISON, WI WEIGLE, DICK--MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	\$100.00 100.00 ( TRUST )	200.00

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## STUDENT AID

16.	MC GREGOR, JANE D. RUSSELLVILLE, AR DICKIE, DR. HELEN--LOAN FUND MSN HS-MED	( TRUST )	1,000.00
17.	CRANE, GEORGE T. WILLIAMSTOWN, MA DRUBEN, STANLEY ALEXANDRIA, VA POLITICAL SCIENCE GRADUATE FELLOWSHIP FUND MSN L&S POLITICAL SCI	\$ 50.00 100.00 ( TRUST )	150.00
18.	DELMONTE, ANTHONY & JOYCE BROOKFIELD, WI DELMONTE, MICHELE K.--MEMORIAL SCHOLARSHIP IN NURSING MSN HS-NUR	( TRUST )	200.00
19.	PROCEEDS FROM MISC. INVESTMENTS MESSERSCHMIDT, DR. RAMONA--SCHOLARSHIP FUND IN CLINICAL PSYCHOLOGY MSN L&S PSYCHOLOGY	( TRUST )	335.59
20.	WOLLEAT, DR. PATRICIA L. MADISON, WI ROTHNEY, JOHN W.M.--MEMORIAL RESEARCH AWARD MSN EDUC COUNS PSYCH & ED	( TRUST )	400.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KELSEY, MARGARET MANSFIELD--SCHOLARSHIP FUND MSN EDUC ART	( TRUST )	115.00
22.	EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	JACOB JAVITS FELLOWSHIP PROGRAM FOR THE PERIOD 09-01-88 THROUGH 05-31-90 AT A TOTAL COST OF \$256,000.00 AWARD # P170B80020-89, MOD. 2 MSN GRAD	( 144-AM04 )	112,000.00
2)	JACOB JAVITS FELLOWSHIP PROGRAM FOR THE PERIOD 09-01-89 THROUGH 05-31-90 AWARD # P170B90044 MSN GRAD	( 144-BC51 )	80,000.00
3)	GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED FOR THE PERIOD 01-01-90 THROUGH 12-31-90 AWARD # P200A80279-89 MSN L&S MATHEMATICS	( 144-BJ43 )	157,831.00
4)	GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED FOR THE PERIOD 01-01-90 THROUGH 12-31-90 AWARD # P200A80214-89 MSN L&S PHYSICS	( 144-BJ44 )	249,000.00

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## STUDENT AID

23.	FERMI NATIONAL ACCELERATOR LABORATORY BATAVIA, IL PRIME CONTRACTOR WITH DOE PROFESSIONAL SERVICES OF GRADUATE STUDENT TO WORK ON PHASE-SPACE DIMENSION OF CHARGED PARTICLE BEAM IN A LINEAR ACCELERATOR TYPE SYSTEM FOR THE PERIOD 02-01-87 THROUGH 06-30-90 AT A TOTAL COST OF \$51,762.00 AWARD # P. O. # 927880, MOD. 4 MSN L&S      PHYSICS	(144-Y931)	8,262.00
24.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI GILBERT AND EDITH HODGES SCHOLARSHIP FUND MSN G SERV FELLOWS & SCHOLS	(135-0007)	40,000.00
25.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI PAUL M. BINZEL SCHOLARSHIP FUND MSN G SERV FELLOWS & SCHOLS	(135-0029)	75,000.00
26.	WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON, WI MAURICE AND MARIE BUTLER LEVEN SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(135-0032)	51,000.00
27.	DAUGHTERS OF DEMETER, INC. MADISON, WI DAUGHTERS OF DEMETER SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-A790)	1,856.00
28.	GENERAL MOTORS CORPORATION DETROIT, MI GENERAL MOTORS SCHOLARSHIP PLAN MSN ENGR      OPERATIONS	(133-B280)	4,133.00
29.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI SCHOLARSHIPS FOR NEEDY YOUNG WOMEN & MEN FROM WISCONSIN FAMILY FARMS ENROLLING IN THE UW-MADISON, CENTER FOR HEALTH SCIENCES, SCHOOL OF ALLIED HEALTH PROFESSIONS MSN HS-A H ADMINISTRATION	(133-C980)	1,257.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FREDRIC MARCH SCHOLARSHIP MSN L&S      THEATRE & DRAMA	(133-D833)	1,400.00
31.	PPG INDUSTRIES, INC. PITTSBURGH, PA COLLEGE OF ENGINEERING SCHOLARSHIP FUND MSN ENGR	(133-F731)	1,002.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI JAPAN/ENGINEERING SCHOLARSHIP MSN ENGR      INTERNAT'L ENGR	(133-J105)	15,312.00

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## UNIVERSITY OF WISCONSIN - MADISON

## STUDENT AID

33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DAVID N. CONNOR MEMORIAL FUND MSN BUS SCH OF BUSINESS	(133-J247)	1,000.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WALTER MORTON SCHOLARSHIP FUND MSN L&S ECONOMICS	(133-J797)	2,000.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WILLIAM S BICKNELL SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-K628)	1,750.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EDGAR B KAPP PROJECT/RESEARCH ASSISTANTSHIPS MSN BUS SCH OF BUSINESS	(133-K683)	5,183.43
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALFRED L WILDS SCHOLARSHIPS MSN L&S CHEMISTRY	(133-K790)	3,050.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ECONOMIC MERIT SCHOLARSHIP MSN L&S ECONOMICS	(133-L290)	2,000.00
39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRAINGER FELLOWSHIP MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-L349)	3,500.00
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIPS FOR STUDENTS IN THE COLLEGE OF AGRICULTURE AND LIFE SCIENCES MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-M145)	3,000.00
41.	AMOCO FOUNDATION, INC. CHICAGO, IL MINORITY DOCTORAL FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR	(133-N313)	8,282.00
42.	GRADUATE OPPORTUNITIES FOR ADVANCED LEVEL STUDIES EAST LANSING, MI GOALS FELLOWSHIP MSN L&S IND REL RES INST	(133-N524)	5,300.00
43.	STATE OF WISCONSIN INDIAN GRANT MADISON, WI MINORITY STUDENTS PROGRAM MSN LAW LAW SCHOOL	(133-N637)	900.00



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STUDENT AID

44.	EASTMAN KODAK COMPANY ROCHESTER, NY EASTMAN KODAK MINORITY PROGRAM GRANT MSN BUS SCH OF BUSINESS (133-N908)	3,000.00
45.	COMMITTEE ON INSTITUTIONAL COOPERATION CHAMPAIGN, IL 1989-90 MINORITY FELLOWSHIP PROGRAM FOR THE PERIOD 08-01-89 THRU 06-30-90 MSN GRAD (133-P572)	98,190.00
46.	PHARMACEUTICAL MANUFACTURERS ASSOCIATION FOUNDATION, INC. WASHINGTON, DC PHARMACEUTICAL MANUFACTURERS ASSOCIATION PREDOCTORAL FELLOWSHIP FOR THE PERIOD 07-01-90 THRU 06-30-91 MSN HS-PHR PHARMACY (133-Q116)	10,500.00
47.	SINGER (ANDREW J. AND HARRIET) NEW YORK, NY ROSE AND ALBERT H. SINGER MEMORIAL SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-Q212)	1,000.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RAY E. KOENIG SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-Q262)	500.00
49.	PHARMACEUTICAL MANUFACTURERS ASSOCIATION FOUNDATION, INC. WASHINGTON, DC PMAF UNDERGRADUATE RESEARCH FELLOWSHIP FOR THE PERIOD 05-01-90 THRU 04-30-91 MSN HS-PHR PHARMACY (133-Q277)	5,000.00
50.	GREEN TREE GARDEN CLUB MEQUON, WI ALDO LEOPOLD UNDERGRADUATE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-0976)	1,000.00
51.	AMERICAN FAMILY MUTUAL INSURANCE COMPANY MADISON, WI AMERICAN FAMILY SCHOLARSHIP IN THE SCHOOL OF BUSINESS MSN BUS SCH OF BUSINESS (133-0979)	2,000.00
52.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI SCHOLARSHIPS FOR NEEDY YOUNG MEN AND WOMEN FROM WISCONSIN FAMILY FARMS WHO HAVE FINANCIAL NEED AND WHO ARE ENTERING OR CONTINUING STUDY IN THE COLLEGE OF AG & LSC MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP (133-2073)	18,017.00

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## STUDENT AID

53.	INBUSCH (C E & D W) FOUNDATION MILWAUKEE, WI DOROTHY & CHARLES INBUSCH AWARD FOR MERITORIOUS MEDICAL RESEARCH MSN HS-MED	(133-4176)	400.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTHUR ANDERSON AND COMPANY GRADUATE ACCOUNTING SCHOLARSHIPS MSN BUS SCH OF BUSINESS	(133-4253)	4,009.99
55.	LAKE GENEVA GARDEN CLUB FOUNDATION, INC LAKE GENEVA, WI HELEN MCDONALD SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-5665)	1,000.00
56.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIP IN MARKETING MSN BUS SCH OF BUSINESS	(133-6575)	10,000.00
57.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HISTORY DEPARTMENT EMERGENCY AID ACCOUNT MSN L&S HISTORY	(133-7089)	25.00
58.	MULTIPLE DONORS SCHOOL OF MUSIC SCHOLARSHIP FUND MSN L&S SCHOOL OF MUSIC	(133-7137)	1,500.00
59.	MULTIPLE DONORS SCHOOL OF NURSING SCHOLARSHIP FUND MSN HS-NUR	(133-8872)	50.00
60.	ANONYMOUS DONOR M.E.O. FUND FOR FELLOWSHIP SUPPORT OF A GRADUATE STUDENT FROM ASIA OR AFRICA WORKING TOWARD A PH.D. AT THE GRADUATE SCHOOL IN MADISON IN THE FIELDS OF HISTORY, POLITICAL SCIENCE, EDUCATION, SOCIOLOGY, ECONOMICS OR AGRICULTURAL ECONOMICS MSN GRAD	(133-9569)	4,372.00

## UNRESTRICTED

1.	MADISON CHANCELLOR'S SPECIAL FUND MSN G E A	( TRUST )	
	790.08	CITIZENS FIDELITY BANK & TRUST CO. GOLDSMITH, LORRAINE S. TRUST LOUISVILLE, KY	
	11,220.76	FIRST INTERSTATE BANK KRONCKE, EARL ESTATE OKLAHOMA CITY, OK	
			12,010.84
	TOTAL MADISON		25,138,238.01 =====

EXTENSION AND PUBLIC SERVICE	31,428.00
INSTRUCTION	222,604.23
LIBRARIES	39,491.47
MISCELLANEOUS	2,311,029.41
RESEARCH	21,506,157.26
STUDENT AID	1,015,516.80
UNRESTRICTED	12,010.84

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UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. MR. & MRS. GEORGE JACOBI  
MILWAUKEE, WI  
A GIFT OF A BEAULIEU SUPER-8 MOVIE CAMERA  
MODEL #4008ZM2 W/ANGENIEUX F.8-64MM ZOOM  
LENS, SERIAL #899215  
MIL F ARTS FILM
2. VARIOUS DONORS  
MILWAUKEE, WI  
A GIFT OF VARIOUS BIBLIOGRAPHIC ITEMS FOR THE  
GOLDA MEIR LIBRARY  
MIL LIBR LIBRARY
3. JAMES B. RIELEY  
MILWAUKEE, WI  
A GIFT OF A ETCHING OF ALL THE CHARACTERS  
OF THE CANTERBURY TALES BY WILLIAM HOLE  
IN 1888  
MIL F ARTS UWM ART MUSEUM ART MUSEUM
4. MIGUEL & BARBARA LASALLE  
PETER SINCLAIR  
EDGEWATER, NJ  
A GIFT OF AN OIL ON CANVAS-GERRITT SINCLAIR  
OLD BRIDGE, 1928  
MIL F ARTS UWM ART MUSEUM ART MUSEUM
5. MIGUEL & BARBARA LASALLE  
EDGEWATER, NJ  
A GIFT AN OIL ON CANVAS-KARL KNATHS  
BARNYARD SCENE 1964  
MIL F ARTS UWM ART MUSEUM ART MUSEUM
6. VARIOUS DONORS  
MILWAUKEE, WI  
A GIFT OF VARIOUS BIBLIOGRAPHIC MATERIAL FOR  
THE GOLDA MEIR LIBRARY  
MIL LIBR LIBRARY
7. JAMES H. BRACHMAN  
MILWAUKEE, WI  
A GIFT OF A OIL ON CANVAS-ROUTE II GIBSON BYRD  
MIL F ARTS UWM ART MUSEUM ART MUSEUM

INSTRUCTION

1. DWIGHT D. EISENHOWER MATH AND SCIENCE EDUCATION  
ACT  
MADISON, WI  
90-174-BF  
PRIME CONTRACTOR WITH DED  
TEAMS: TEACHING TO ENHANCE AND APPLY THE  
MATHEMATICS STANDARDS IN GRADES 5 - 12  
FOR THE PERIOD 12-01-89 THROUGH 12-31-90  
MIL GRAD M-S ERC (144-BJ91) 23,241.00-

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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## INSTRUCTION

- |    |   |           |
|----|---|-----------|
| 2. | WISCONSIN ELECTRICAL POWER CO.<br>MILWAUKEE, WI<br>A COMPUTER GRAPHICAL SIMULATION PACKAGE FOR POWER<br>SYSTEM STUDY<br>MIL ENG&AS ELEC ENGR&COMP S ELEC ENGR& (133-J673)                                     | 10,000.00 |
| 3. | WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION<br>MADISON, WI<br>PRE-COLLEGE CENTER RESIDENTIAL PROGRAM<br>SCHOLARSHIPS<br>AWARD # CHK. #A7124268<br>MIL AC AFF PRE-COLLEGE CTR (133-K706)                        | 8,155.94  |
| 4. | WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION<br>MADISON, WI<br>GATEWAY TO ENGINEERING AND SCIENCE TECHNOLOGY<br>SCHOLARSHIP PROGRAM<br>AWARD # CK. #A8877257<br>MIL ENG&AS ADMINISTRATION PRECOLLEGE (133-K728) | 29,100.00 |
| 5. | WISCONSIN DEPARTMENT OF PUBLIC<br>INSTRUCTION<br>MADISON, WI<br>PRE-COLLEGE CENTER MINORITY SCHOLARSHIP<br>AWARD # CK. #A8877257<br>MIL AC AFF PRE-COLLEGE CTR (133-N182)                                     | 41,528.00 |
| 6. | WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION<br>MADISON, WI<br>RAINBOW EXPERIENCES IN THE ARTS<br>MIL F ARTS ADMINISTRATION ADMIN (133-P501)  | 6,266.06  |
| 7. | WISCONSIN ECONOMIC EDUCATION COUNCIL<br>MILWAUKEE, WI<br>90-106-LK<br>IN SUPPORT OF ECONOMIC EDUCATION PROGRAM<br>DEVELOPMENT AND OTHER RELATED ACTIVITY<br>MIL L&S ECONOMIC EDUC (133-4849)                  | 3,049.25  |

## MISCELLANEOUS

- |    |  |          |
|----|--|----------|
| 1. | WISCONSIN ARTS BOARD<br>MADISON, WI 53702<br>PAN - WISCONSIN PROGRAM - 89/90<br>FOR THE PERIOD 09-15-89 THROUGH 04-20-90<br>MIL F ARTS METRO ARTS PROG F ARTS PRG (144-BC14)   | 6,500.00 |
| 2. | WISCONSIN DEPARTMENT OF TRANSPORTATION<br>MILWAUKEE, WI<br>90-228-LK<br>PRIME CONTRACTOR WITH TRANS<br>DESIGNATED DRIVER AND SUBSTANCE ABUSE<br>PREVENTION PROGRAM<br>FOR THE PERIOD 11-01-89 THROUGH 09-30-90<br>AWARD # 99-90-00-03-90-05<br>MIL STU AF STUDENT HEALTH MED SVCS (144-BK34) | 5,763.00 |

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## MISCELLANEOUS

3. VETERANS ADMINISTRATION  
MILWAUKEE, WI  
89-476-LK  
VETERANS ADMINISTRATION OVERHEAD  
FOR THE PERIOD 03-22-89 THROUGH 03-21-90  
AWARD # CHECK NO. 221619140316  
MIL STU AF REGISTRAR'S OFF VETS AFF (144-M701) 12.54
4. UWM FOUNDATION  
MILWAUKEE, WI  
RESTORATION AND PRESERVATION OF COLLECTIONS IN  
THE GOLDA MEIR LIBRARY  
MIL LIBR LIBRARY (133-M203) 5,000.00
5. MEDICATION TAKING BEHAVIORS OF OLDER COMMUNITY  
DWELLING ADULTS  
MIL NURS ADMIN DEAN (133-P410)
- 1,000.00 VARIOUS  
SHANDS TEACHING HOSPITAL AND CLINICS, INC.  
GAINSVILLE, FL
- 500.00 VARIOUS  
FROEDTERT MEMORIAL LUTHERAN HOSPITAL  
P/C SIGMA THETA TAO  
MILWAUKEE, WI
- 1,500.00
6. UNITED STATES INSTITUTE FOR THEATRE TECHNOLOGY  
NEW YORK, NY  
90-270-NM  
USITT 1990 NATIONAL CONFERENCE  
FOR THE PERIOD 12/15/89 THROUGH 06/15/90  
AWARD # CHECK # 1245  
MIL F ARTS THEATRE & DANCE THTR&DANCE (133-Q153) 2,500.00
7. FAYE MCBEATH FOUNDATION  
MILWAUKEE, WI  
90-171-BF  
SCHOOL SECOND CHANCE  
FOR THE PERIOD 12/01/89 THROUGH 12/29/90  
MIL DOCE PRFNL RSORC DVLP CRIM JUSTC (133-Q216) 25,700.00

## RESEARCH

1. UWM FOUNDATION  
ACCOUNT #254-MILWAUKEE PLAN  
MILWAUKEE, WI  
WISCONSIN DISTINGUISHED PROFESSORSHIP  
(182-B12-7001)  
MIL BUS AD MGMNT RESRCH CTR WDP #1 25,000.00
2. UTAH STATE UNIV/DED  
LOGAN, UT  
PRIME CONTRACTOR WITH DED  
SMA - LAKE MCHENRY EARLY INTERVENTION RESEARCH  
FOR THE PERIOD 10-01-87 THROUGH 09-30-90  
AWARD # 88-031-A2  
MIL EDUC EDUC PSYCHOLOGY (144-AC33) 25,150.00

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RESEARCH

3. NATIONAL SCIENCE FOUNDATION  
WASHINGTON, DC  
IN SUPPORT OF THE FOLLOWING:
- 1) DETERMINATION OF SURFACE AND INTERFACE STRUCTURES  
BY LOCAL AND LONG-RANGE ORDER DIFFRACTION  
TECHNIQUES  
FOR THE PERIOD 11-15-88 THROUGH 04-30-91  
AWARD # DMR-8805938  
MIL GRAD LAB FOR SURF STU (144-AS06) 73,500.00
- 2) MOLECULAR SYSTEMATICS OF THE NYMPHAEALES  
FOR THE PERIOD 01-01-89 THROUGH 06-30-90  
AWARD # BSR-8817992-01  
MIL L&S BIOLOGICAL SCI (144-AT48) 58,800.00
- 3) TECHNOLOGY CONSTRAINED PROCESS PLANNING  
FOR THE PERIOD 01-01-90 THROUGH 06-30-91  
AWARD # DDM-9000558  
MIL BUS AD MANAGEMENT PROGS (144-BK35) 30,000.00
4. WISC DEPT OF HEALTH AND SOCIAL SERVICES  
MADISON, WI  
EVALUATION OF THE WORK EXPERIENCE AND JOB  
TRAINING AND THE COMMUNITY WORK EXPERIENCE  
PROGRAM  
FOR THE PERIOD 03-13-89 THROUGH 06-30-93  
AWARD # P.O. FSJE 7997  
MIL DOCE ETI (144-AX53) 29,694.00
5. WISC DEPT OF HEALTH AND SOCIAL SERVICES  
MADISON, WI  
89-175-NM  
PRIME CONTRACTOR WITH WDHSS  
LEARNFARE EVALUATION  
FOR THE PERIOD 04-01-89 THROUGH 06-30-93  
AWARD # P.O. FSJE 7998  
MIL DOCE ETI (144-BD31) 29,782.00
6. MIDWEST RESEARCH TECHNOLOGIES  
MILWAUKEE, WI  
CONSULTATION AND ANALYSIS DURING THE QUARTER  
JULY THROUGH SEPTEMBER 1989  
FOR THE TIME PERIOD 07/01/87 THROUGH 09/30/99  
AWARD # P.O. 9254  
MIL L&S PHYSICS (133-E596) 550.00
7. WISCONSIN ELECTRIC POWER COMPANY  
MILWAUKEE, WI  
FLYASH BLOCK ARTIFICIAL REEF: PHASE III  
PROJECT (GRINDING OPERATIONS)  
FOR THE PERIOD 12/01/84 THROUGH 12/31/99  
AWARD # P.O. B83966  
MIL GRAD GT LKS ST, CTR F (133-H620) 2,029.88

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## UNIVERSITY OF WISCONSIN - MILWAUKEE

## RESEARCH

- |     |  |            |           |
|-----|--|------------|-----------|
| 8.  | UWM FOUNDATION (WIS PUB SERV CORP)<br>ACCOUNT NO. 363<br>MILWAUKEE, WI<br>CENTER FOR BY-PRODUCTS UTILIZATION<br>MIL ENG&AS CIVIL ENGINEER'G  | (133-N999) | 20,000.00 |
| 9.  | UWM FOUNDATION<br>(#872.9)<br>MILWAUKEE, WI<br>SHAW SCHOLAR<br>MIL L&S BIOLOGICAL SCI  | (133-P599) | 3,000.00- |
| 10. | COMPACT FOR EDUCATIONAL OPPORTUNITY<br>MILWAUKEE, WI<br>90-066-BF<br>A REVIEW OF THE APPLICATION PROCESS UTILIZED<br>BY SCHOOL DISTRICTS IN THE METROPOLITAN<br>SCHOOL TRANSFER<br>FOR THE PERIOD 08/01/89 THROUGH 01/01/90<br>MIL L&S GEOGRAPHY | (133-P849) | 5,000.00  |
| 11. | EATON CORPORATION<br>MILWAUKEE, WI<br>90-103-LK<br>MICROWAVE MEASUREMENT<br>AWARD # CHECK NO. 885776 & 903202<br>MIL ENG&AS ELEC ENGR&COMP S ELECT ENGR  | (133-P909) | 1,715.00  |
| 12. | VILLAGE OF WHITEFISH BAY<br>WHITEFISH BAY, WI<br>90-145-BF<br>HEALTH NEEDS SURVEY OF THE VILLAGE OF WHITEFISH<br>BAY<br>FOR THE PERIOD OF 11/01/89 THROUGH 02/28/90<br>MIL NURS FNDTNS OF NURS'G FNDT NURS'                                      | (133-Q215) | 8,294.00  |
| 13. | ILLINOIS CANCER COUNCIL<br>(P/C SIGMA THETA TAU)<br>CHICAGO, IL<br>90-214-BF<br>IMPROVING THE UTILIZATION OF HEALTH PROMOTING<br>BEHAVIORS BY AFRICAN-AMERICAN MEN<br>FOR THE PERIOD 09/01/89 THROUGH 08/31/90<br>MIL NURS HLTH MAINTENANCE      | (133-Q265) | 2,060.00  |

## STUDENT AID

- |    |  |                          |            |
|----|--|--------------------------|------------|
| 1. | EDUCATION, DEPT OF<br>WASHINGTON, D.C.<br>PELL GRANT PROGRAM<br>FOR THE PERIOD 07-01-89 THROUGH 06-30-90<br>AWARD # PO63P97122<br>MIL STU AF FINANCIAL AID | PROV'L&SUP<br>(148-B090) | 688,629.00 |
|----|--|--------------------------|------------|

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - MILWAUKEE

## STUDENT AID

2.	UWM FOUNDATION GENERAL SCHOLARSHIP FUND #683.9 MILWAUKEE, WI WAUSAU INSURANCE COMPANY-CLYDE SCHLUETER SCHOLARSHIP MIL NURS ADMIN DEAN (133-D725)	5,000.00
3.	UWM FOUNDATION - #418.1 MILWAUKEE, WI TRANSFER OF FUNDS EARNED AS INTEREST ON UWM FOUNDATION ACCOUNT #418.1 (LAYTON) TO BE USED FOR STUDENT SUPPORT. MIL F ARTS ART (133-H176)	10,192.00-
4.	MASON (EDNA LOUISE) ESTATE WAUKESHA, WI EDNA LOUISE MASON SCHOLARSHIP FUND FOR THE PERIOD 01/01/84 THROUGH 12/31/99 MIL STU AF FINANCIAL AID (133-7205)	2,674.30
	TOTAL MILWAUKEE	1,116,519.97 =====
	INSTRUCTION	74,858.25
	MISCELLANEOUS	46,975.54
	RESEARCH	308,574.88
	STUDENT AID	686,111.30



GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - EAU CLAIRE

## INSTRUCTION

- |    |  |           |
|----|--|-----------|
| 1. | EAU CLAIRE SCHOOL DISTRICT<br>EAU CLAIRE, WI<br>IMPLEMENTATION OF THE MIDDLE LEVEL EDUCATION/<br>MIDDLE SCHOOL<br>FOR THE PERIOD 09-01-89 THROUGH 06-30-90<br>EAU EDUC SECOND & CONT ED (133-0048) | 25,190.00 |
| 2. | W.H. BRADY COMPANY<br>MILWAUKEE, WI<br>INTERNATIONAL INTERNSHIP PROGRAM<br>FOR THE PERIOD 12-18-89 THROUGH 06-30-90<br>EAU S SERV ACAD PER&CAR ADV AC P&C ADV (133-0049)                           | 1,950.00  |

## RESEARCH

- |    |  |           |
|----|--|-----------|
| 1. | CHIPPEWA AREA UNITED WAY<br>CHIPPEWA FALLS, WI<br>CHIPPEWA AREA UNITED WAY NEEDS ASSESSMENT SURVEY<br>FOR THE PERIOD 11-03-89 THROUGH 07-31-90<br>EAU ART&SC SOCIAL & ANTHROP (133-0050) | 3,077.00  |
| 2. | THE PETROLEUM RESEARCH FUND<br>WASHINGTON, DC<br>TRICYCLIC CYCLOPROPENES<br>FOR THE PERIOD 01-01-90 THROUGH 08-31-92<br>AWARD # PRF-22341-B1-C<br>EAU ART&SC CHEMISTRY (133-9102)        | 20,000.00 |

## STUDENT AID

- |    |   |              |
|----|---|--------------|
| 1. | EDUCATION, DEPT OF<br>WASHINGTON, DC<br>PELL GRANT<br>FOR THE PERIOD 07-01-89 THROUGH 06-30-90<br>AWARD # P063P97119<br>EAU ST AST ED OPPOR GRANTS (148-0047) | 1,245,717.00 |
|----|---|--------------|

TOTAL EAU CLAIRE	1,295,934.00
	=====

INSTRUCTION	27,140.00
RESEARCH	23,077.00
STUDENT AID	1,245,717.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - GREEN BAY

## MISCELLANEOUS

1. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR PERFORMING ARTS DIRECTOR ACCOUNT GBY COM PR GENERAL	(133-N642)	63,973.00
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## PHYSICAL PLANT

1. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CENTER FOR PERFORMING ARTS PLANNING AND CONSTRUCTION GBY FCL PL ADMINISTRATION	(133-N659)	1,605.00
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## STUDENT AID

1. AMERICAN NATIONAL CAN CHICAGO, IL SOURCE OF FINANCIAL AID PAYMENTS TO STUDENT ATHLETES AT THE UNIVERSITY OF WISCONSIN-GREEN BAY WITHIN THE GUIDELINES PRESCRIBED BY THE NATIONAL COLLEGIATE ATHLETIC ASSOCIATION GBY ATHL ATHLETICS - MEN	(133-7213)	600.00
2. WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI SCHOLARSHIPS FOR YOUNG PERSONS FROM WISCONSIN FAMILY FARMS WHO HAVE FINANCIAL NEED AND WHO ARE ENROLLED IN THE PROGRAM OF STUDIES FOR A STUDENT IN NURSING AT THE BELLIN MEMORIAL HOSPITAL SCHOOL OF NURSING GBY ST AID FEL & SCHOL-AOG	(133-9574)	738.00

TOTAL GREEN BAY	66,916.00
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MISCELLANEOUS	63,973.00
PHYSICAL PLANT	1,605.00
STUDENT AID	1,338.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

UNIVERSITY OF WISCONSIN - OSHKOSH

## INSTRUCTION

- |    |   |           |
|----|---|-----------|
| 1. | DHHS, OFFICE OF HUMAN DEVELOPMENT SERVICES<br>CHICAGO, IL<br>HEAD START: FULL-YEAR, PART-DAY, HANDICAPPED,<br>TRAINING AND TECHNICAL ASSISTANCE 23RD YEAR<br>FOR THE PERIOD 07-01-89 THROUGH 06-30-90<br>AWARD # O5CH4232/23, MOD. 1<br>OSH EDUC INSTRUCTION (144-4404) | 22,110.00 |
| 2. | WISCONSIN STATE CLERICAL CONFERENCE<br>GREEN BAY, WI<br>FUNDS TO PROVIDE CAREER CENTER FOR DEVELOPMENTAL<br>EMPLOYABILITY TRAINING SERVICES FOR WISCONSIN<br>STATE CLERICAL CONFERENCE<br>OSH EDUC INSTRUCTION (133-3316)   | 75.00     |
| 3. | ROOSEVELT JUNIOR HIGH SCHOOL<br>APPLETON, WI<br>FUNDS TO PROVIDE SERVICES OF OUTDOOR ADVENTURE<br>CHALLENGE COURSE FOR 14 STUDENTS AND 2 ADULTS<br>OSH EDUC INSTRUCTION (133-3318)  | 200.00    |

## RESEARCH

- |    |   |           |
|----|---|-----------|
| 1. | WISCONSIN ECONOMIC EDUCATION COUNCIL<br>MILWAUKEE, WI<br>FUNDS IN SUPPORT OF THE CENTER FOR ECONOMIC<br>EDUCATION<br>FOR THE PERIOD 09-01-89 THROUGH 08-31-90<br>OSH L&S ECONOMICS (133-3317) | 11,000.00 |
|----|---|-----------|

## STUDENT AID

- |    |  |          |
|----|--|----------|
| 1. | EDUCATION, DEPT OF<br>WASHINGTON, DC<br>PELL GRANT: ACADEMIC YEAR 1988-89<br>FOR THE PERIOD 07-01-88 THROUGH 06-30-89<br>AWARD # P063P87123, MOD. 6<br>OSH STU A ED OPPOR GRANTS (148-4412)          | 2,783.00 |
| 2. | WISCONSIN RURAL REHABILITATION CORP<br>MADISON, WI<br>SCHOLARSHIPS: SPRING SEMESTER FOR 4 UNDERGRADUATE<br>NURSING STUDENTS<br>FOR THE ACADEMIC YEAR 1989-90<br>OSH STU A RURAL REHAB GRT (133-3301) | 1,476.00 |

TOTAL OSHKOSH

37,644.00

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INSTRUCTION	22,385.00
RESEARCH	11,000.00
STUDENT AID	4,259.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - PARKSIDE

## INSTRUCTION

1. UW SYSTEM ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
PROCESS-ORIENTED MODULES IN EARTH AND LIFE  
SCIENCES - DWIGHT D. EISENHOWER MATHEMATICS  
AND SCIENCE EDUCATION ACT (TITLE II)  
(\$30,028)  
FOR THE PERIOD 12-01-89 THROUGH 12-31-90  
AWARD # AGR DTD 12/1/89  
PKS SCI&TE BIO SCI (144-BK47)
2. UW SYSTEM ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
IMPROVING SCIENCE AND QUANTITATIVE SKILLS IN  
THE ELEMENTARY SCHOOL - DWIGHT D. EISENHOWER  
MATHEMATICS AND SCIENCE EDUCATION ACT (TITLE II)  
(\$30,554)  
FOR THE PERIOD 12-01-89 THROUGH 12-31-90  
AWARD # AGR DTD 12/1/89  
PKS SCI&TE BIO SCI (144-BK48)

## MISCELLANEOUS

1. MULTIPLE DONORS  
PARKSIDE PRINT WORKSHOP  
PKS LIB AR ART (133-K826) 3,870.00
2. LEFF (RUTH B.)  
MILWAUKEE, WI  
RACE WALK TEAM, WOMEN'S TRACK AND CROSS-COUNTRY  
TEAM  
PKS BUS SV FELLOWS & SCHOLS (133-Q248) 3,000.00

## RESEARCH

1. DOD, NAVY  
ARLINGTON, VA  
ELECTROMAGNETIC FIELD EFFECTS ON GENE  
EXPRESSION IN E. COLI  
FOR THE PERIOD 06-01-87 THROUGH 05-31-90  
AT A TOTAL COST OF \$282,148.00  
AWARD # N00014-87-K-0380, MOD: 4  
PKS SCI&TE BIO SCI (144-Z617) 38,879.00

## STUDENT AID

1. MILWAUKEE WORLD FESTIVAL, INC  
MILWAUKEE, WI  
UNIVERSITY ENDOWED SCHOLARSHIP FUND (PKS)  
PKS BUS SV FELLOWS & SCHOLS ( TRUST ) 800.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

UNIVERSITY OF WISCONSIN - PARKSIDE

STUDENT AID

2. UNIVERSITY OF WISCONSIN FOUNDATION  
MADISON, WI  
PARKSIDE SCHOLARSHIP FUND  
PKS BUS SV FELLOWS & SCHOLS (133-9472) 500.00

TOTAL PARKSIDE 47,049.00  
=====

MISCELLANEOUS 6,870.00  
RESEARCH 38,879.00  
STUDENT AID 1,300.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - STEVENS POINT

## EXTENSION AND PUBLIC SERVICE

1. WISCONSIN ARTS BOARD  
MADISON, WI  
PRIME CONTRACTOR WITH NEA  
MENOMINEE CLANS PROJECT  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # FY90-247-12568  
STP AC SUP DEAN OF ACAD SUP (144-0505) 5,000.00
2. MARSHALL & ILLSLEY BANKS  
STEVENS POINT, WI  
IN SUPPORT OF THE CENTRAL WISCONSIN ECONOMICS  
RESEARCH BUREAU  
FOR THE PERIOD 09-01-88 INDEFINITE  
STP COLS ECON & BUS ADM (133-6204) 6,467.00

## INSTRUCTION

1. EDUCATION, DEPT OF  
WASHINGTON, DC  
OUR ENVIRONMENT: A VIDEODISC PROGRAM FOR  
IMPROVING ELEMENTARY SCIENCE EDUCATION  
FOR THE PERIOD 09-01-89 THROUGH 08-31-90  
AWARD # R168A90044  
STP COLS GEOGRAPHY & GEOL GEOGRAPHY (144-6818) 199,847.00
2. UW SYSTEM ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
ELEMENTS OF BIOLOGICAL VARIATION, CONTINUITY,  
AND DEVELOPMENT: A MODEL FOR SCIENCE EDUCATION  
AT THE ELEMNTARY SCHOOL LEVEL  
DWIGHT D. EISENHOWER MATHEMATICS AND SCIENCE  
EDUCATION ACT (TITLE II) (\$35,000.00)  
FOR THE PERIOD 12-01-89 THROUGH 12-31-90  
STP COLS MATH & COMP SCI (144-8016)
3. UNIVERSITY OF WISCONSIN/STEVENS POINT FOUNDATION  
STEVENS POINT, WI  
TRADITIONS IN ACTION CONTRIBUTION  
FOR THE PERIOD 11-09-89 INDEFINITE  
STP AC AFF V CHANC-ACAD AFF V CH-AC AF (133-0418) 2,600.00
4. UNIVERSITY OF WISCONSIN/STEVENS POINT FOUNDATION  
STEVENS POINT, WI  
COLLEGE OF PROFESSIONAL STUDIES ALUMNI FUNDS  
FOR THE PERIOD 05-25-89 INDEFINITE  
STP COPS DEAN OF PROF STU (133-0710) 60.00
5. UNIVERSITY OF WISCONSIN/STEVENS POINT FOUNDATION  
STEVENS POINT, WI  
COLLABORATIVE TEACHER EDUCATION PROJECT  
FOR THE PERIOD 09-01-89 THROUGH 12-31-90  
STP COPS SCH OF EDUCATION (133-0716) 15,000.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - STEVENS POINT

## INSTRUCTION

6.	UNIVERSITY OF WISCONSIN/STEVENS POINT FOUNDATION STEVENS POINT, WI TRADITIONS IN ACTION CONTRIBUTION FOR THE PERIOD 11-03-89 INDEFINITE STP CONR NATURAL RESOURCS SCHMEKLE R (133-0925)	1,000.00
7.	UNIVERSITY OF WISCONSIN/STEVENS POINT FOUNDATION STEVENS POINT, WI FUNDS IN SUPPORT OF HIGH SCHOOL RECRUITMENT FOR THE PERIOD 05-03-89 INDEFINITE STP STU LI ADMISSIONS (133-1203)	985.00
8.	UNIVERSITY OF WISCONSIN/STEVENS POINT FOUNDATION STEVENS POINT, WI IN SUPPORT OF THE COMMUNICATION FOUNDATION FOR THE PERIOD 04-27-89 INDEFINITE STP COFA COMMUNICATION (133-5804)	1,200.00
9.	UNIVERSITY OF WISCONSIN/STEVENS POINT FOUNDATION STEVENS POINT, WI TRADITIONS IN ACTION CONTRIBUTION STP AC SUP STU ASSISTANCE ACAD A CTR (133-6514)	1,000.00
10.	MULTIPLE DONORS IN SUPPORT OF THE CENTRAL WISCONSIN WRITING PROJECT FOR THE PERIOD 06-01-89 THROUGH 05-31-90 STP AC SUP STU ASSISTANCE ACAD A CTR (133-6520)	15,642.00
11.	UNIVERSITY OF WISCONSIN/STEVENS POINT FOUNDATION STEVENS POINT, WI ISSUES IN WRITING FOR THE PERIOD 02-08-89 INDEFINITE STP COLS ENGLISH (133-6527)	349.00
12.	UNIVERSITY OF WISCONSIN/STEVENS POINT FOUNDATION STEVENS POINT, WI IN SUPPORT OF THE PAPER SCIENCE FOUNDATION FOR THE PERIOD 05-25-89 INDEFINITE STP CONR PAPER SCIENCE (133-7405)	4,794.00

## LIBRARIES

1.	UNIVERSITY OF WISCONSIN/STEVENS POINT FOUNDATION STEVENS POINT, WI TRADITIONS IN ACTION CONTRIBUTION FOR THE PERIOD 09-13-88 INDEFINITE STP AC SUP ACAD COMP SVCS (133-1195)	18,000.00
2.	UNIVERSITY OF WISCONSIN/STEVENS POINT FOUNDATION STEVENS POINT, WI FUNDS TO PURCHASE THE VIDEO ENCYCLOPEDIA OF THE 20TH CENTURY STP AC SUP LRC PUBLIC SVCS (133-2815)	2,491.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - STEVENS POINT

## MISCELLANEOUS

1. UNIVERSITY OF WISCONSIN/STEVENS POINT FOUNDATION  
STEVENS POINT, WI  
TRADITIONS IN ACTION CONTRIBUTION  
FOR THE PERIOD 11-09-89 INDEFINITE  
STP BUS AF ASST CHAN-BUS AF A C BUS AF (133-0306) 450.00
2. TENNECO AUTOMOTIVE  
LINCOLNSHIRE, IL  
TENNECO AUTOMOTIVE SCHOLARSHIP PROGRAM  
FOR THE PERIOD 12-16-88 INDEFINITE  
STP U P DV UNIV PROG DEVEL U PROG DEV (133-5034) 500.00
3. UNIVERSITY OF WISCONSIN/STEVENS POINT FOUNDATION  
STEVENS POINT, WI  
TRADITIONS IN ACTION CONTRIBUTION  
FOR THE PERIOD 09-13-88 INDEFINITE  
STP AC AFF DEAN OF GRAD SCH DN GRAD S (133-5050) 10,625.00
4. MULTIPLE DONORS  
STEVENS POINT, WI  
MISCELLANEOUS PROMOTIONS  
FOR THE PERIOD 02-20-89 INDEFINITE  
STP COPS SCHOOL OF HPERA HLTH & PE (133-7089) 3,485.00

## PHYSICAL PLANT

1. UNIVERSITY OF WISCONSIN/STEVENS POINT FOUNDATION  
STEVENS POINT, WI  
TRADITIONS IN ACTION CONTRIBUTION  
FOR THE PERIOD 11-03-89 INDEFINITE  
STP BUS AF ASST CHAN-BUS AF A C BUS AF (133-0304) 3,410.00

## RESEARCH

1. INTER, FISH AND WILDLIFE SERVICE  
WASHINGTON, DC  
STATUS OF FURBEARERS AND MOOSE WITHIN PICTURED  
ROCKS NATIONAL LAKESHORE  
FOR THE PERIOD 08-01-89 THROUGH 12-31-90  
AWARD # 14-16-0009-1519 #15, MOD. 1  
STP CONR COOP FISH UNIT (144-4622) 10,496.00
2. UNIVERSITY OF WISCONSIN-MADISON  
MADISON, WI  
WOMEN OF COLOR IN THE CURRICULUM  
(\$1,500.00)  
FOR THE PERIOD 08-08-89 THROUGH 06-30-90  
AWARD # PD 195K020  
STP COLS DEAN OF L&S (133-0508)
3. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
LOW-INPUT STRATEGIES FOR PRODUCTION ON IRRIGATED  
SANDS  
FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
AWARD # NRJ 94594  
STP CONR DEAN OF NAT RES GRDWTR CTR (133-8366) 7,200.00



GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

UNIVERSITY OF WISCONSIN - STEVENS POINT

RESEARCH

4. WI DEPT OF NATURAL RESOURCES  
MADISON, WI  
DEPT OF NATURAL RESOURCES NON-POINT SOURCE  
BIOTIC INDEX MONITORING PROGRAM  
FOR THE PERIOD 10-01-89 THROUGH 09-30-90  
AWARD # NRJ 94858, MOD. 3  
STP CONR NATURAL RESOURCS NAT RESRCS (133-8406) 15,486.00

TOTAL STEVENS POINT 326,087.00

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EXTENSION AND PUBLIC SERVICE	11,467.00
INSTRUCTION	242,477.00
LIBRARIES	20,491.00
MISCELLANEOUS	15,060.00
PHYSICAL PLANT	3,410.00
RESEARCH	33,182.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

UNIVERSITY OF WISCONSIN - STOUT

## GIFT-IN-KIND

1. U.S. GEOLOGICAL SURVEY/WATER RESOURCE DIVISION  
ARVADA, CO  
SEVERAL HIGH PERFORMANCE LIQUID CHROMATOGRAPHY  
COMPONENTS: WISP AUTOSAMPLER; MODEL 730 DATA  
MODULE; 3 M6000A SOLVENT DELIVERY SYSTEMS; MODEL  
720 SYSTEM CONTROLLER, A MODEL 660 SOLVENT  
PROGRAMMER.  
STO LIB ST CHEMISTRY
2. U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION  
ARVADA, CO  
WATERS ASSOCIATES LIQUID CHROMATOGRAPHY COMPONENTS  
1)RADIAL COMPRESSION MODULE, 2) RCM COLUMN HEATER,  
3)ANALYTICAL COLUMN HEATER, 4) TEMPERATURE CONTROL  
MODULE, 5) EXTENDED WAVELENGTH MODULE.  
STO LIB ST CHEMISTRY
3. ALL AMERICAN MANUFACTURING COMPANY  
BOYCEVILLE, WI  
310 YARDS OF FABRIC  
STO H ECON APPAREL, TEX&DES
4. NORTHWEST FABRICS  
EAU CLAIRE, WI  
GIFT CERTIFICATES  
STO H ECON APPAREL, TEX&DES
5. QUICK-ROTAN, INC  
ELMHURST, IL  
QP.40SQB5 DIGITAL SYNCHRO MOTOR COMPLETE, PFAFF  
463 SINGLE-NEEDLE LOCKSTITCH SEWING MACHINE,  
TABLE FOR MOUNTING, AND AIR COMPRESSOR TANK.  
STO H ECON APPAREL, TEX&DES
6. BACH MOBILITIES INC.  
ESCANABA, MI  
BACH-MO SECURITY SYSTEM, WHEEL CHAIR TIE DOWN  
STO ED&H S REHABILITATION
7. INTERACTIVE MANAGEMENT SYSTEMS (IMS), INC.  
ST. PAUL, MN  
SOFTWARE PRODUCT SUPPORT AGREEMENT FOR OASYS  
SYSTEM  
STO ED&H S REHABILITATION
8. KRAUSE PUBLICATIONS  
IOLA, WI  
ACTI HORIZONTAL PROCESS CAMERA AND ECRM LASER  
CAMERA  
STO I&TECH GRAPHIC COMMUNIC GRAPHIC C

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

UNIVERSITY OF WISCONSIN - STOUT

INSTRUCTION

1.	FUNDS TO FURNISH THE HOSPITALITY TECHNOLOGY LABORATORY AND FOR FACULTY DEVELOPMENT FOR THE PERIOD 07/01/89 THROUGH 06/30/90 STO H ECON HABITATNL RESRCS (133-0329)	
	200.00 HYATT REGENCY MILWAUKEE MILWAUKEE, WI	
	10,000.00 MARRIOTT CORPORATION WASHINGTON, DC	
	400.00 MARCUS CORPORATION MILWAUKEE, WI	
	200.00 OLD COUNTRY BUFFET EDEN PRAIRIE, MN	
	100.00 RESTAURANTS EXTRAORDINAIRE, INC MERRIMAC, WI	
	200.00 GOLDEN VALLEY COUNTRY CLUB GOLDEN VALLEY, MN	
	200.00 MR. THOMAS BUTZ ROCKFORD, IL	
	100.00 HOULIGANS OF EAU CLAIRE, INC EAU CLAIRE, WI	
		11,400.00

MISCELLANEOUS

1.	PIERCE MANUFACTURING, INC APPLETON, WI FUNDS FOR SUPPORT OF THE UW-STOUT COOP EDUCATION PROGRAM FOR THE PERIOD 07/01/89 THROUGH 06/30/90 STO G E A STU AFF & COUNSL ST CO ED-P (133-0222)	1,000.00
2.	ADC TELECOMMUNICATIONS MINNEAPOLIS, WI FUNDS FOR FACULTY TRAVEL, SERVICES AND SUPPLIES FOR THE PERIOD 07/01/89 THROUGH 06/30/90 STO I&TECH ENERGY & TRANSP (133-0476)	2,000.00
3.	STOUT UNIVERSITY FOUNDATION, INC MENOMONIE, WI FUNDS FOR HORTON PROFESSORSHIP STO I&TECH INDUSTRIAL MGMNT IND MGMNT (133-0594)	4,500.00
	TOTAL STOUT	18,900.00 =====

INSTRUCTION	11,400.00
MISCELLANEOUS	7,500.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

UNIVERSITY OF WISCONSIN - WHITEWATER

INSTRUCTION

1. UW SYSTEM ADMINISTRATION  
MADISON, WI  
PRIME CONTRACTOR WITH DED  
ELEMENTS OF BIOLOGICAL VARIATION, CONTINUITY, AND  
DEVELOPMENT: A MODEL FOR SCIENCE EDUCATION AT THE  
ELEMENTARY SCHOOL LEVEL  
DWIGHT D. EISENHOWER MATHEMATICS AND SCIENCE  
EDUCATION ACT (TITLE II) (\$34,902.00)  
FOR THE PERIOD 12-01-89 THROUGH 12-31-90  
AWARD # LTR 12/1/89  
WTW EDUC CURRIC & INSTR CURR&INSTR (144-1322)
  
2. COMMISSION ON THE BICENTENNIAL OF THE UNITED  
STATES CONSTITUTION  
WASHINGTON, DC  
PRIME CONTRACTOR WITH JUSTC  
SUMMER INSTITUTE FOR AREA SOCIAL SCIENCE TEACHERS  
OF MIDDLE AND HIGH SCHOOL: DETAILED EXAMINATION  
OF AMERICAN JUDICIARY  
FOR THE PERIOD 01-01-90 THROUGH 12-31-90  
AWARD # LTR 12/11/89  
WTW L&S POLITICAL SCI (144-1333) 36,377.00

STUDENT AID

1. CONNOR, CHANCELLOR JAMES R.  
WHITEWATER, WI  
CONNOR, CHANCELLOR AND MRS. JAMES R.  
SCHOLARSHIP FUND (WTW)  
WTW G E A CHANCELLORS OFF CHANCS OFF ( TRUST ) 650.00  
  
TOTAL WHITEWATER 37,027.00  
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INSTRUCTION	36,377.00
STUDENT AID	650.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## GIFT-IN-KIND

1. PROFESSOR GENE BRAUN  
WAUKESHA, WI  
31 PERIODICALS  
CNS WAUK LIBRARY LIB ACQUIS
2. PROFESSOR BLAKE MCNULTY  
WAUKESHA, WI  
1 BOOK; 14 PERIODICALS  
CNS WAUK LIBRARY LIB ACQUIS
3. THE HONORABLE DAVID PROSSER, JR.  
APPLETON, WI  
1 BOOK  
CNS FOX VA LIBRARY LIB ACQUIS
4. PROFESSOR MARY ELLEN YOUNG  
WAUKESHA, WI  
8 BOOKS; 1 VIDEOCASSETTE  
CNS WAUK LIBRARY LIB ACQUIS
5. JENNIFER NOWACKI  
PEWAUKEE, WI  
ONE BOOK  
CNS WAUK LIBRARY LIB ACQUIS
6. LISA HOLASEK  
MUKWONAGO, WI  
ONE BOOK  
CNS WAUK LIBRARY LIB ACQUIS
7. PROFESSOR MARY ELLEN YOUNG  
WAUKESHA, WI  
TWO BOOKS  
CNS WAUK LIBRARY LIB ACQUIS

## LIBRARIES

1. MULTIPLE DONORS  
LIBRARIAN'S DISCRETIONARY ACCOUNT  
CNS SHEBOY LIBRARY LIB ACQUIS (133-Q224) 54.00

## MISCELLANEOUS

1. ARTS MIDWEST  
MINNEAPOLIS, MN  
PRIME CONTRACTOR WITH NEA  
LECTURE-FINE ARTS SERIES  
(PERFORMING ARTS SERIES)  
FOR THE PERIOD 09-01-87 THROUGH 06-30-90  
AWARD # AGR DTD 04-14-87  
CNS MARSH STUDENT AFFAIRS LECT & F A (144-Z993) 765.00
2. UWC-MARSHFIELD/WOOD COUNTY-LECTURE FINE ARTS  
CNS MARSH STUDENT AFFAIRS LECT & F A (133-LO40)  
  
1,000.00 UNIVERSITY OF WISCONSIN CENTER  
MARSHFIELD, WI  
125.00 MULTIPLE DONORS

1,125.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## MISCELLANEOUS

3.	MULTIPLE DONORS DRAMA DONOR FUND CNS MARSH STUDENT AFFAIRS DRAMA PROD (133-L410)	455.00
4.	THEATRE PROGRAM CNS MARIN STUDENT AFFAIRS DRAMA PROD (133-N092)	
	3,837.00 MULTIPLE DONORS 1,000.00 VENNEMA (MR AND MRS AME) MENOMINEE, MI	
		4,837.00
5.	MULTIPLE DONORS DISCRETIONARY ACCOUNT CNS FD LAC ADMINISTRATION (133-N333)	802.50
6.	MULTIPLE DONORS CHORAL PROGRAM ENRICHMENT CNS SHEBOY STUDENT AFFAIRS PRFRMG ART (133-N625)	210.00
7.	SCHOLARSHIP & MATERIAL PURCHASE FOR FINE ARTS DEPARTMENT CNS WAUK STUDENT AFFAIRS LECT & F A (133-N626)	
	550.00 CHENEQUA COUNTRY CLUB HARTLAND, WI 1,675.00 UNIVERSITY OF WISCONSIN CENTER-WAUKESHA COUNTY WAUKESHA, WI	
		2,225.00
8.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROFESSIONAL DEVELOPMENT CNS MARIN ADMINISTRATION PRF DEV (133-N984)	2,000.00
9.	WOOD COUNTY SYMPHONY CNS MARSH STUDENT AFFAIRS WOOD SYMPH (133-P173)	
	1,705.00 MULTIPLE DONORS 600.00 MARSHFIELD CLINIC MARSHFIELD, WI	
		2,305.00
10.	BARRON COUNTY CAMPUS FOUNDATION RICE LAKE, WI DEAN'S DISCRETIONARY ACCOUNT CNS BARRON ATHLETICS (133-Q208)	1,060.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - CENTER SYSTEM

## STUDENT AID

1.	UW-SHEBOYGAN COUNTY FOUNDATION, INC. SHEBOYGAN, WI SCHOLARSHIPS FOR UWC-SHEBOYGAN COUNTY STUDENTS CNS SHEBOY STUDENT AFFAIRS FELL & SCH (133-N240)	5,050.00
2.	UNIVERSITY OF WISCONSIN MARINETTE FOUNDATION MARINETTE, WI TALENTSHIPS FOR UWC-MARINETTE STUDENTS CNS MARIN STUDENT AFFAIRS FELL & SCH (133-N280)	8,000.00
3.	UNIVERSITY OF WISCONSIN MARATHON COUNTY FOUNDATION WAUSAU, WI SCHOLARSHIPS CNS MARATH STUDENT AFFAIRS FELL & SCH (133-P661)	15,000.00
4.	MULTIPLE DONORS SCHOLARSHIPS CNS RICH STUDENT AFFAIRS FELL & SCH (133-P662)	10,000.00
5.	WASHINGTON COUNTY CAMPUS FOUNDATION WEST BEND, WI SCHOLARSHIP FUND CNS WASH STUDENT AFFAIRS FELL & SCH (133-P663)	4,000.00
6.	UNIVERSITY OF WISCONSIN CENTER FOND DU LAC FOUNDATION, INC. FOND DU LAC, WI SCHOLARSHIPS CNS FD LAC STUDENT AFFAIRS FELL & SCH (133-P722)	4,650.00
7.	BARRON COUNTY CAMPUS FOUNDATION, INC. RICE LAKE, WI FOUNDATION SCHOLARSHIPS CNS BARRON STUDENT AFFAIRS FELL & SCH (133-P731)	2,050.00
	TOTAL CENTER SYSTEM	64,588.50 =====
	LIBRARIES	54.00
	MISCELLANEOUS	15,784.50
	STUDENT AID	48,750.00

GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH AGRIC  
BROWN COUNTY FAMILY NUTRITION PROGRAM  
FOR THE PERIOD 10-01-89 THROUGH 09-30-90  
AWARD # AGR DTD 12/18/89  
EXT COOP E FAMILY LIV'G ED FAM LIVNG (144-BJ29) 42,308.00
2. WI DEPT OF HEALTH & SOCIAL SERVICES  
MADISON, WI  
PRIME CONTRACTOR WITH AGRIC  
MILWAUKEE COUNTY FAMILY NUTRITION PROGRAM  
FOR THE PERIOD 10-01-89 THROUGH 09-30-90  
AWARD # AGR DTD 12/18/89  
EXT COOP E FAMILY LIV'G ED FAM LIVNG (144-BJ30) 45,392.00
3. SMALL BUSINESS ADMIN  
WASHINGTON, DC  
SMALL BUSINESS DEVELOPMENT CENTER  
ADMINISTRATION UNIT  
FOR THE PERIOD 01-01-90 THROUGH 12-31-90  
AWARD # SB-2M-00053-10  
EXT G EXT BUS PROG ADMIN BUS PR ADM (144-BK10) 1,326,000.00
4. COUNTY SUPPORT FOR 4-H & YOUTH AGENT  
06-01-87 THRU 06-30-88  
EXT COOP E CQ&AREA OFC-CTRL (133-L908)  
  
4,457.77 LINCOLN COUNTY  
MERRILL, WI  
4,457.77 TAYLOR COUNTY  
MEDFORD, WI  
  
8,915.54
5. MULTIPLE DONORS  
COUNTY SUPPORT FOR SHARED HOME ECONOMIST FOR  
THE PERIOD 01-01-88 THRU 06-30-89  
EXT COOP E CQ&AREA OFC-WEST (133-M504) 228.12
6. GRABER INDUSTRIES, INC.  
MIDDLETON, WI  
FY 89 PROGRAM UNDERWRITING  
EXT TELCOM WHA TELEVISION (133-M807) 3,000.00
7. MULTIPLE DONORS  
SUPPORT OF SOUTHERN DISTRICT AREA BUSINESS AGENT  
EXT COOP E C&AREA OFC-SOUTH (133-P131) 625.00
8. OUTAGAMIE COUNTY  
APPLETON, WI  
COUNTY SUPPORT FOR 4-H YOUTH AGENT-OUTAGAMIE  
COUNTY FOR THE PERIOD 07-01-89 THROUGH 06-30-90  
EXT COOP E CQ&AREA OFC-N E (133-P297) 5,683.00



GIFTS, GRANTS AND CONTRACTS  
FEBRUARY 2, 1990

## UNIVERSITY OF WISCONSIN - EXTENSION

## EXTENSION AND PUBLIC SERVICE

9.	ONEIDA COUNTY RHINELANDER, WI SERVICES OF A FULLTIME HOME ECONOMIST AND RESOURCE AGENT AND HALF-TIME 4-H YOUTH AGENT FOR THE PERIOD 07-01-89 THRU 12-31-90 EXT COOP E C&AREA OFC-NORTH (133-P306)	59,827.00
10.	BARRON COUNTY BARRON, WI COUNTY SUPPORT FOR EXTENSION AGENTS - BARRON COUNTY FOR THE PERIOD 01-01-90 THRU 06-30-90 EXT COOP E CO&AREA OFC-WEST (133-Q180)	30,414.10
11.	JOURNAL OF EXTENSION MADISON, WI ADMINISTRATIVE SUPPORT OF THE JOURNAL OF EXTENSION EXT COOP E JRNL OF EXT (133-Q219)	65,758.25
12.	CLARK COUNTY NEILLSVILLE, WI COUNTY SUPPORT FOR EXTENSION AGENTS - CLARK COUNTY FOR THE PERIOD 01-01-90 THRU 06-30-90 EXT COOP E CO&AREA OFC-WEST (133-Q225)	39,327.00
13.	CHIPPEWA COUNTY CHIPPEWA FALLS, WI COUNTY SUPPORT FOR EXTENSION AGENTS - CHIPPEWA COUNTY FOR THE PERIOD 01-01-90 THRU 06-30-90 EXT COOP E CO&AREA OFC-WEST (133-Q226)	23,564.00

## STUDENT AID

1.	FIRST WISCONSIN - MADISON COMSTOCK, WILLIAM T. TRUST MADISON, WI COMSTOCK, WILLIAM T.--4-H MERIT AWARD (EXT) EXT COOP E 4H-YOUTH DVLPMNT 4H-YTH DEV ( TRUST )	75.30
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TOTAL EXTENSION	1,651,117.31 =====
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EXTENSION AND PUBLIC SERVICE	1,651,042.01
STUDENT AID	75.30

FEBRUARY 2, 1990  
GIFTS, GRANTS AND CONTRACTS SUMMARY  
ITEMS PROCESSED 12-16-89 THROUGH 01-12-90

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY.	PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTER SYSTEM	-0-	-0-	54	15,785	-0-	-0-	-0-	48,750	-0-	64,589
EAU CLAIRE	-0-	27,140	-0-	-0-	-0-	-0-	23,077	1,245,717	-0-	1,295,934
EXTENSION	1,651,042	-0-	-0-	-0-	-0-	-0-	-0-	75	-0-	1,651,117
GREEN BAY	-0-	-0-	-0-	63,973	1,605	-0-	-0-	1,338	-0-	66,916
LA CROSSE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MADISON,	31,428	222,604	39,491	2,311,029	-0-	-0-	21,506,157	1,015,517	12,011	25,138,238
MILWAUKEE	-0-	74,858	-0-	46,976	-0-	-0-	308,575	686,111	-0-	1,116,520
OSHKOSH	-0-	22,385	-0-	-0-	-0-	-0-	11,000	4,259	-0-	37,644
PARKSIDE	-0-	-0-	-0-	6,870	-0-	-0-	38,879	1,300	-0-	47,049
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
RIVER FALLS	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
STEVENS POINT	11,467	242,477	20,491	15,060	3,410	-0-	33,182	-0-	-0-	326,087
STOUT	-0-	11,400	-0-	7,500	-0-	-0-	-0-	-0-	-0-	18,900
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	-0-	36,377	-0-	-0-	-0-	-0-	-0-	650	-0-	37,027
<b>TOTAL FEB 1990</b>	<b>1,693,937</b>	<b>637,241</b>	<b>60,036</b>	<b>2,467,192</b>	<b>5,015</b>	<b>21,920,870</b>	<b>3,003,717</b>	<b>12,011</b>	<b>29,800,021</b>	
PREVIOUSLY REPORTED	10,529,067	12,434,736	979,103	10,193,121	680,997	123,013,996	62,112,723	194,907	220,138,649	
<b>GRAND TOTAL</b>	<b>12,223,004</b>	<b>13,071,978</b>	<b>1,039,140</b>	<b>12,660,314</b>	<b>686,012</b>	<b>144,934,866</b>	<b>65,116,440</b>	<b>206,918</b>	<b>249,938,670</b>	
<b>TOTAL FEB 1989</b>	<b>793,172</b>	<b>820,957</b>	<b>99,306</b>	<b>2,034,326</b>	<b>464,480</b>	<b>15,785,292</b>	<b>7,532,742</b>	<b>41,018</b>	<b>27,571,293</b>	
PREVIOUSLY REPORTED	7,269,201	9,176,943	777,480	8,793,574	1,234,110	130,370,950	58,979,113	107,757	216,709,126	
<b>GRAND TOTAL</b>	<b>8,062,372</b>	<b>9,997,900</b>	<b>876,786</b>	<b>10,827,900</b>	<b>1,698,590</b>	<b>146,156,242</b>	<b>66,511,855</b>	<b>148,775</b>	<b>244,280,419</b>	
<b>FEDERAL TOTAL FEB 1990</b>	<b>1,448,628</b>	<b>428,572</b>	<b>-0-</b>	<b>411,613</b>	<b>-0-</b>	<b>16,483,329</b>	<b>2,544,222</b>	<b>-0-</b>	<b>21,316,363</b>	
PREVIOUSLY REPORTED	3,009,351	11,065,347	319,661	2,298,008	663,247	77,594,784	59,360,744	-0-	154,311,142	
<b>FEDERAL GRAND TOTAL</b>	<b>4,457,979</b>	<b>11,493,919</b>	<b>319,661</b>	<b>2,709,621</b>	<b>663,247</b>	<b>94,078,113</b>	<b>61,904,966</b>	<b>-0-</b>	<b>175,627,505</b>	
<b>FEDERAL TOTAL FEB 1989</b>	<b>457,366</b>	<b>601,327</b>	<b>-0-</b>	<b>72,435</b>	<b>13,480</b>	<b>11,028,817</b>	<b>7,373,182</b>	<b>-0-</b>	<b>19,546,606</b>	
PREVIOUSLY REPORTED	2,120,780	8,047,360	319,827	2,578,276	419,360	92,436,238	56,355,478	-0-	162,277,318	
<b>FEDERAL GRAND TOTAL</b>	<b>2,578,146</b>	<b>8,648,687</b>	<b>319,827</b>	<b>2,650,711</b>	<b>432,840</b>	<b>103,465,054</b>	<b>63,728,660</b>	<b>-0-</b>	<b>181,823,924</b>	

UW SYSTEM POLICY ON  
COMPETITION WITH THE PRIVATE SECTOR

Overview

The University has a responsibility to consider very carefully any decision to provide products and services to students, faculty, staff, private organizations or the public at large, particularly when the products and services to be provided might compete with similar products or services offered by the private sector. Some degree of competition between the University and the private sector may be unavoidable, even when the University is engaged in the narrowest pursuit of its instructional, research and public service missions. However, in all cases where a potentially competitive situation exists, the university must consider the concerns of affected private businesses and act with sensitivity and good faith regarding those concerns.

This policy establishes a competition review committee at each institution composed of representatives of the University, private sector and public-at-large. In addition, the policy defines criteria to be used in evaluating the appropriateness of University sales activities and establishes principles for pricing those products and services that UW System institutions may offer.

Protocol for Monitoring Institutional Competitive Activities

Each institution is to establish a committee to review specific issues of competition using the criteria and pricing principles defined in this policy. The chancellor will appoint the committee composed of representatives of the University, the private sector and the general public. Faculty, student and staff appointments should be made upon the recommendation of the appropriate University governance structures.

The chancellor will refer to the institutional competition review committee all major new competitive activities. In addition, s/he shall also refer all ongoing activities whose appropriateness or pricing has been questioned. Under normal circumstances, the chancellor's referral to the competition review committee's chairperson will be made within two weeks after the chancellor is first informed of a complaint or proposal brought forward by a member of the private sector or general public. The chancellor will send a letter to the person making the proposal/complaint which states that the issue has been referred to the competition review committee and which includes as an enclosure a copy of the Board of Regents' policy.

Upon referral from the chancellor, the chairperson of the competition review committee will schedule a meeting of the committee at the earliest possible convenience of the committee's members. The committee's charge will be to:

1. Examine the issues involved in the institution offering major new competitive activities and ongoing activities whose appropriateness has been questioned.
2. Review the pricing structure of major new competitive activities and ongoing sales activities whose appropriateness or pricing has been questioned.

3. Recommend to the chancellor, in a timely manner, a course of action which specifically addresses (a) whether the activity should be implemented or continued and (b) whether the pricing of the products and services is appropriate.

The chancellor will determine whether the institution will become involved with the new activity or continue an ongoing activity and whether changes should be made to the pricing of products and services. Under normal circumstances, the chancellor will announce his/her decision within two weeks after receiving the recommendation of the committee. The chancellor will send a letter explaining his/her decision to the person making the proposal or complaint.

The chancellor's decision may be appealed to the University of Wisconsin System President. If a satisfactory resolution cannot be developed, an appeal can be made to the Board of Regents by addressing a letter to:

Secretary of the Board of Regents  
University of Wisconsin System  
1860 Van Hise Hall  
1220 Linden Drive  
Madison, Wisconsin 53706

#### Criteria For Judging the Appropriateness of Competitive Activities

All activities competitive with the private sector must be integral to the fulfillment of the institution's instructional, research or public service missions or must meet one of the following four criteria:

a. There are compelling reasons of economic efficiency. Economic efficiency implies that University resources can be made available to the broader community at relatively little additional cost to the institution. For example, the use of underutilized university facilities such as stadiums and auditoriums for non-University functions such as high school graduation ceremonies and sporting or other entertainment events may benefit the University as well as the private sector and the community.

- or -

b. The product or service is unavailable elsewhere in the community. Unavailability may be defined in terms of quality or quantity of the product or service. For example, the sale of research by-products which would otherwise be unavailable in the community may benefit both the University and the community.

- or -

c. Providing the product or service is a major convenience to the campus community including students, faculty, staff and other members of the public participating in institutional activities. Convenience would typically be defined in geographic terms, although other factors could also be considered (e.g., hours of operation of private sector providers). Familiar examples of operations conducted primarily to support campus life are on-campus recreational facilities and bookstores.

- or -

d. The University's offering of the product or service is of major importance to maintaining the quality of the institution. Most crucial to maintenance of quality are efforts which impact positively on student, faculty and staff recruitment and retention. For example, the operation of quality cultural and health facilities such as art museums and the clinical cancer center are important for maintenance of quality.

Where required by a federal or state mandate, other activities which compete with the private sector are also permitted.

### Pricing Policies

Products or services offered by the UW System institutions shall normally be priced to recover, at a minimum, all costs related to producing the product or service, including all applicable direct and indirect costs as determined by basic cost accounting principles. Exceptions to full cost recovery pricing are permitted (or are required) under the following circumstances:

1. If the activity is integral to the fulfillment of the institution's instructional, research or public service missions, prices may be established at less than full cost recovery upon approval by the chancellor.
2. If underutilized University facilities are made available for non-University events primarily for the benefit of the private sector or the community, prices may be set below full cost recovery;
3. If underutilized University facilities are made available for non-University events primarily for fund-raising purposes, prices may be set to include a profit above the full recovery of costs;
4. If products and services are offered for the convenience of students, faculty, staff or participants in University activities, prices must be set so as to be competitive with private sector prices, unless a higher price is required to ensure full cost recovery;

In addition, if subsidized pricing is mandated or permitted by federal law or state statute, prices should be set accordingly.

For any new activity presented to the competition review committee, full documentation of costs and pricing determinations must be included. The committee will review the pricing structure for compliance with the above criteria, taking into consideration the impact of the competition with the private sector.

For purposes of implementing these pricing policies, direct costs include, but are not limited to, all salaries, fringe benefits, supplies, and capital directly attributable to the sale of the product or service. Indirect costs include, but are not limited to, depreciation, utilities, municipal services charges, interest, support services, custodial services, etc. allocable to the sale of the product or service. As an alternative to calculating indirect costs for individual sales operations, the federal indirect cost rate may be used.

### Policy Review

This policy and its implementation should be reviewed after it has been operational for three years.

\*\*\*\*\*

2/2/90

I-3  
II-1  
III-1

D. UW-MILWAUKEE:

1. 1987-89 Vogel Hall and Physics Building Central Chilled Water Connection (8812-21)

a) All Work: \$ 140,492  
Advance Mechanical Contractors, Inc.;  
Racine

E. UW-SUPERIOR:

1. 1987-89 Gates Physical Education Building Bleacher Repair (8903-50)

a) All Work: \$ 42,950  
B & R Erectors, Inc.; Crystal Lake, IL

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

None.

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

Athletics

(A) The UW-Madison Vice Chancellor for Administration on December 26, 1989, has signed on behalf of the Board of Regents, an agreement with the Bradley Center Corporation concerning the "Bank One Badger Hockey Showdown", to take place December 28 and 29, 1989, in Milwaukee, *Non pers. Item A*

UW-Green Bay - Budget

(B) A revised cooperation agreement between UW-Green Bay and University Village Housing, Inc. (UVHI), for operation and management of the seven student residence buildings, ~~presently owned by UVHI and the~~ three additional student residence buildings being constructed on land contiguous to the university, was signed by the UW-Green Bay Chancellor and the President of UVHI. The agreement, which became effective July 1, 1989, amends the Agreement signed on September 1985. It will remain in effect so long as UVHI owns the project, unless amended by written agreement of the parties. *Non pers. Item B*

UW-Oshkosh

(C) On signature of the UW-Oshkosh Executive Director Budgets/ Controller, a Memorandum of understanding ~~has been entered into with~~ the Wisconsin Department of Natural Resources for its use of office space in the Halsey Science Center and its Limnology (Field Studies) Laboratory. ~~The agreement became effective on or about December 31, 1989 and will continue to January 1, 1991 unless either party elects to terminate the occupancy upon 60 days written notice. The agreement may be renewed on a year-to-year basis with the concurrence of both parties. During the term of this occupancy, DNR agrees to pay UW-Oshkosh \$2,287.44 per year in equal monthly installments payable in advance on the first day of each month.~~ *Non pers. Item C*

(Xref) DNR - (same)

Atomic Energy Commission - Amendments to agreement on

(D) Amendment 14 to Indemnity Agreement No. E-37, between the Board of Regents (of the University of Wisconsin) and the Atomic Energy Commission, dated December 11, 1962, has been executed by the UW-Madison Director of Business Services. The amendments change some of the dollar amounts and make the agreement conform with changed Federal regulations as reflected in 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," effective July 1, 1989. As noted in the November 1989 transmittal from the federal Project Manager, 'the amendments to Part 140 reflect the increase from \$160 million to \$200 million in the primary layer of nuclear energy liability insurance ~~provided by American Nuclear Insurers and Mutual Atomic Energy Liability Underwriters. The amendment also conforms to changes made to the Price-Anderson Act by "The Price-Anderson Amendments Act of 1988" which was enacted on August 20, 1988.~~'

Nonpers. Item D

Education, School of

(E) ~~Renewal of Memorandum of Understanding has been signed with Dane County Head Start and the School of Education, Department of Educational Psychology, covering the 1989-90 academic year. The Departmental Psychoeducation Clinic will provide mental health consultation services to Dane County Head Start and, at the same time, provide an essential training experience for students in the Department's graduate Program.~~

Nonpers. Item E

Athletics

(F) ~~A Release document was signed on behalf of the Board of Regents of the University of Wisconsin System regarding UW-Madison's participation in the Women's Invitational Volleyball Tournament December 1 and 2, 1989 in Birmingham, Alabama at U.A.B. Arena,~~

Nonpers. Item F

UW-River Falls

(G) ~~An Agreement has been set forth whereby the right to print Wyman's "Wisconsin Folklore" has been transferred from the University of Wisconsin-Madison Department of Continuing Education in the Arts to the University of Wisconsin-River Falls Foundation,~~

Nonpers. Item G

(H) University of Wisconsin Press Agreements:

Susan McKinnon	THE SPEAR'S LEGACY: Hierarchy and Gender, Alliance and Exchange in the Tanimbar Islands
Alger N. Doane	THE SAXON GENESIS: An Edition of the West Saxon Genesis B and the Old Saxon Vatican Genesis
Paul Spickard	BLACK LOS ANGELES
Lee Patterson	CHAUCER AND THE SUBJECT OF HISTORY
David Newbury	KINGS AND CLANS: A History of Ijwi Island, Zaire, 1780-1840
Kathryn Gutzwiller	THEOCRITUS' PASTORAL ANALOGIES: The Formation of a Genre
Herbert Hill and James E. Jones	A CENTURY OF CIVIL RIGHTS STRUGGLE

On signature of the Vice President for Physical Planning and Development, the following leases have been entered into:

Lessee: University of Wisconsin-Credit Union  
 University: University of Wisconsin - Green Bay  
 Lessor: Board of Regents, University of Wisconsin System  
 Location: 1501 Monroe Street, Madison  
 Size: Approximately 751 total square feet  
 Lease term: September 1, 1989 to August 31, 1992  
 Annual rental: \$6,991.00  
 Renewal option: Renew annually  
 Purpose: Operating a credit union

Lessee: University of Wisconsin - Oshkosh  
 Lessor: First Wisconsin Bank of Milwaukee  
 Location: Warren Road bordered by Soo Line Railroad track, Oshkosh  
 Lease term: October 1, 1989 to November 30, 1989  
 Annual rental: \$1,500.00 per month  
 Purpose: Temporary parking facility for University students

On signature of the Assistant Chancellor, Administrative Affairs UW-Milwaukee, the following lease agreements have been renewed:

Lessee: Wisconsin Policy Research Institute  
 Lessor: University of Wisconsin - Milwaukee  
 Location: Shepard House, Rooms 104, 155, 155A and 173, Milwaukee  
 Lease term: July 1, 1989 to June 30, 1990  
 Rental: \$5.37 per sq. ft.  
 Renewal option: Automatically renew annually  
 Purpose: Conducting research into Wisconsin public policy

Lessee: Third Coast Design Co-op  
 Lessor: University of Wisconsin - Milwaukee  
 Location: Engelmann Hall, Rooms B9 and B11, Milwaukee  
 Lease term: July 1, 1989 to June 30, 1990  
 Annual rental: \$5,37 per sq. ft. (969 sq. ft.)  
 Renewal option: Automatically renew annually  
 Purpose: Serving educational needs of architectural students

Lessee: James A. Reinartz  
 Lessor: University of Wisconsin - Milwaukee  
 Location: 3175 Blue Goose Road, Saukville, WI  
 Lease term: July 1, 1989 to June 30, 1990  
 Annual rental: \$1,008.00  
 Renewal option: Renewable for duration of employment  
 Purpose: Residence for resident manager

Lessee: Marvin Hoffmann  
 Lessor: University of Wisconsin - Milwaukee  
 Location: Saukville Field Station - Ozaukee County  
 Size: 17 acres  
 Lease term: April 1, 1989 to December 31, 1989  
 Annual rental: \$340.00  
 Purpose: Produce and harvest farm crops



**Lessee:** University of Wisconsin - Milwaukee  
**Lessor:** Milwaukee World Festival, Inc.  
**Location:** Summerfest Reserved Parking Lot  
**Lease term:** 1989-90 school year  
**Annual rental:** \$4,000.00  
**Purpose:** Parking

**Lessee:** University of Wisconsin - Milwaukee  
**Lessor:** Director of Parks, Recreation and Culture  
**Location:** McKinley Marina Parking Lot  
**Lease term:** September 5, 1989 to May 11, 1990  
**Annual rental:** \$1.00  
**Purpose:** Parking