

WESTERN MICHIGAN UNIVERSITY WESTERN NEWS

Volume 17, Number 9

November 1, 1990

Fall minority enrollment increases by 8.7 percent

Minority enrollment at the University for fall 1990 is up 8.7 percent over last fall, according to figures recently released by the Office of the Registrar.

There are 1,717 minority students taking classes on campus this year. That's 7.3 percent of the total record on-campus enrollment of 23,430. Last year's total of 1,579 minority students comprised 7 percent of the total on-campus enrollment of 22,719.

Susan B. Hannah, assistant vice president for academic affairs, said the University has made "steady progress" in attracting and retaining more minority students. This is the eighth consecutive year minority enrollment is up.

"In nearly every category, we've seen increases," she said.

The breakdown by ethnic group, with last year's figures in parentheses, is: Native American, 70 (64); Asian, 245 (196); Hispanic, 188 (178); and Black, 1,214 (1,141). The minority enrollment figures do not include international students.

Of the 1,717 total minority students, 1,491 are undergraduate students and 226 are graduate students. Last year, there were 1,367 minority undergraduate students and 212 minority graduate students.

While total on-campus transfer enrollment is up 7 percent over last year, minority transfer enrollment has increased by more than twice that amount -- 16.5 percent. Of the total of 2,249 transfer students this year, 148 are minorities. In 1989, there were 2,101 transfer students, of which 127 were minorities.

In addition, new minority freshmen are comprising a larger percentage of the entering class. Last year, there were 3,369 new freshmen, and 257 or 7.6 percent of them were minorities. This year, there are 2,851 new freshmen, and 239 or 8.4 percent of them are minorities.

Hannah credited the increases to campuswide recruitment and retention efforts.

"The progress that we've made toward greater diversity is the result of work by people in many different areas of the University," she said.

The Office of Admissions and Orientation and the Division of Minority Affairs are investing more time and effort in reaching students long before they're seniors in high school. Hannah cited the

Wade H. McCree Jr. Incentive Scholarship Program, which guarantees the tuition of minority ninth-graders in the Detroit Public Schools if they graduate from high school with at least a B average and meet other requirements. The University has similar programs with schools in other areas of the state.

She also noted the Martin Luther King Jr./Cesar Chavez/Rosa Parks College Visitation Program, which brings minority junior high and middle school students to campus for academic and cultural activities.

In addition, Hannah said the University has beefed up its efforts at attracting students of the traditional recruitment age in high schools and community colleges. Those efforts include more aggressively recruiting students and better marketing scholarship programs. Hannah noted that the number of students competing for

WMU's \$12,000 Higher Education Incentive Scholarships for minorities has quadrupled in the last few years.

On the graduate level, WMU each year awards about \$525,000 in assistantships, fellowships and associateships to minority graduate students, including \$180,000 in state funds for doctoral candidates. Among those efforts is the Black College Program, which offers at least \$12,000 per academic year to graduates of historically black colleges.

Hannah says future plans for the University to improve upon its track record include looking at ways to expand scholarships and financial aid for minority students. In addition, the University hopes to better monitor the progress of minority students through the system in order to improve graduation rates, which continue to be about 10 percent behind those of the majority students.

Federal funding will support 'math revolution'

A project that state educators believe will revolutionize the way Michigan children are taught mathematics is being implemented under the direction of two WMU faculty members.

New federal funds totaling \$340,382 have been awarded through the Michigan Department of Education to support the WMU-based Michigan Mathematics In-service Project for Elementary and Middle School Teachers.

The project is a collaborative effort between the Michigan Department of Education and the Michigan Council of Teachers of Mathematics. Robert A. Laing and Ruth Ann Meyer, both mathematics and statistics, are the project directors.

The one-year grant will be used to implement the first steps in a statewide effort to enhance the mathematics teaching skills of nearly 42,000 Michigan elementary school teachers. Nearly five years and a significant level of input from the Michigan business community will be required to fully implement the project.

According to Charles R. Allan, mathematics specialist with the Michigan Department of Education, the WMU-based project is the state's main thrust in math-

ematics education reform. He says the scope of the project is unprecedented in terms of its size and the amount of time and resources that school districts will be asked to contribute.

"This is the first major commitment that we have asked school districts to make in the area of professional development," Allan says. "This is a big, big project that requires a big, big commitment from school districts, but it is exactly what we need to do."

In addition to Meyer and Laing, the project will involve the faculty and resources of all of the other teacher training institutions in Michigan as well as school districts across the state. Funding for the project comes through the state under the federal government's 1990-91 Higher Education Competitive Grant Program of the Eisenhower Mathematics and Science Act.

The purpose of the project is to prepare teachers in grades K-6 to accomplish the new Michigan Essential Goals and Objectives for Mathematics Education that have been adopted and are due to be reflected in the Michigan Education Assessment Program (MEAP) tests starting in the fall of 1991. Estimation, mental arithmetic, utilization of calculators in the classroom, critical thinking skills and problem solving are key elements in the new goals and the instructional materials designed to accomplish them.



United Way

It brings out the best
in all of us.™

Although the campus United Way drive officially ended Oct. 31, donations are still coming in and being counted. As of Oct. 30, a total of \$105,837 had been collected for 81.4 percent of this year's goal of \$130,000. Some 1,147 emeriti, retirees and active employees have contributed so far.



Kelly A. Herrington, a sophomore from Sterling Heights, took advantage of one of the recent sunny fall days by bringing her study materials to the fountain on the fine arts plaza. The sculpture, "Three Figures," provides a frame for this photo by Neil G. Rankin, news services.

'Beyond Duty?' conference to be Nov. 8-9

"Beyond Duty?" is the title of a conference to be presented Thursday and Friday, Nov. 8-9, in Red Room C of the Bernhard Center.

The topic of the conference is supererogation -- the performance of more than is required, demanded or expected or going above and beyond the call of duty. Four presentations each will feature a speaker and a commentator, who will initiate discussions by evaluating and responding to what the speaker has said. The free talks are sponsored by WMU's Center for the Study of Ethics in Society.

On Thursday, David Scarrow of Kalamazoo College will speak on "Beyond Kantian Good Will" from 4 to 5:30 p.m. Michael S. Pritchard, philosophy, will be the commentator. Scarrow will discuss German philosopher Immanuel Kant's idea of doing one's duty for its own sake.

Gregory Trianosky of the University of Michigan at Dearborn will discuss "On Defining the Supererogatory" from 7:30 to 9 p.m. Thursday. Mary Windham of Kalamazoo College will serve as commentator. Trianosky will focus on why people need a notion of the superero-

gatory and which notion they need.

On Friday, Caroline J. Simon of Hope College will speak about "Supererogation: Puzzle or Pseudo-Problem?" from 9 to 10:30 a.m. Timothy Shiell, philosophy, will be the commentator. Simon says that just as people have good reasons for thinking that some actions are "beyond duty," there are other reasons for thinking that not acting could fit into this category. She will discuss two strategies for dealing with this puzzle.

From 10:30 a.m. to noon Friday, Gregory Mellema of Calvin College will discuss "Is It Bad to Omit an Act of Supererogation?" Joseph S. Ellin, philosophy, will be the commentator. Although failure to do the supererogatory is not a failure to do one's duty, Mellema will discuss whether it is, nevertheless, bad.

The Center for the Study of Ethics in Society also has announced that the presentation by Kent Baldner, philosophy, on "Ethics and Ecosystems," which was originally scheduled for Friday, Nov. 30, has been postponed and will be presented during the winter 1991 semester.

(Continued on page four)



MEDALLION RECEPTION -- This year's recipients of \$25,000 Medallion Scholarships were recognized at a program and reception Oct. 26 in the Dalton Center Recital Hall. Among the 14 winners honored was Robert J. Safranski, center, a freshman from Livonia who received a scholarship donated by WMU's 50th reunion class of 1940. Present for the program were his parents, left, Susan and John Safranski of Livonia, and representing the donors, right, Herb Auer, a member of the class of 1940, and his wife Grace Auer, a member of the class of 1939, of Traverse City.

World changes affect 15 years of CELCIS enrollment

The ripple effect from recent political and economic changes around the world is making waves at WMU's Career English Language Center for International Students.

CELCIS offers intensive language instruction for international students who desire to increase their proficiency in English in order to pursue higher education in the United States. As the center celebrates its 15th anniversary this year, its enrollment continues to be affected by world events.

In 1975, students from Venezuela and the Middle East made up the bulk of the enrollment of 77. Oil supplies in those countries spurred students to come to CELCIS to learn English in order to become engineers and executives in the petroleum industry. But by 1984, the enrollment profile began to change due to a decrease in oil prices and a less favorable exchange rate.

Laura L. Latulippe, director of the center since 1984, said that Japanese students form the largest group this fall. Of the 129 total, 44 students are from Japan. The 31 students from Arabic-speaking countries make up the second largest group. The fact that these students have more money to spend because their countries are experiencing economic fortune is just one factor in the enrollment breakdown, she said.

"Due to the increase in trade between our countries," Latulippe said, "it has

CELCIS seeks teachers

The Career English Language Center for International Students is looking for trained, experienced teachers of English as a second language to teach in two- and three-week summer institutes during July and August at WMU.

These are paid positions that do not require the teachers to know a second language. Those interested should send a resume and cover letter by Nov. 30 to Laura Latulippe, CELCIS. For more information, persons may call Latulippe at 7-4800.

become a necessity for the Japanese to learn English. An American degree is also now more acceptable in Japan."

The number of students from the Middle East is on the rise again due, in part, to political unrest, she said.

"We are seeing an increase in applications from the Middle East because of the problems there," Latulippe added. "As anywhere else, parents in the Middle East want to get their children out of countries where there is potential danger."

The recent political changes in Eastern Europe also have had an interesting impact on enrollment. Fewer travel restrictions in the Communist Bloc countries have resulted in more freedom to study abroad. The center is seeing an increase in students from Poland, the Soviet Union and Yugoslavia.

"It's now easier for these students to get visas and leave the country," Latulippe said. "One of our students from the USSR is here to study for Christian ministry. In the past, it would have been impossible to get out of the Soviet Union for that purpose."

During the past 15 years, 7,647 students representing more than 60 countries have enrolled in CELCIS classes. While their ages range from 17 to 60, most students are in their mid-20s. Approximately two-thirds of the students eventually will study at WMU. Most of the remaining students will enter other American colleges and universities or return to jobs at home.

Students usually are in the program from two to eight months, depending on their language proficiency. During the 20 hours of weekly English classes, the instructors focus on building students' academic skills, such as reading textbooks and writing reports. Students practice using English by taking lecture notes, giving oral reports and performing other academic tasks.

The nine CELCIS instructors on staff are a group of experienced language and linguistic specialists with advanced training in teaching English as a second language. Three of the current instructors have taught since 1975 and four others have been with the program for at least 13 years. They all have had experience living in a foreign country.

"The staff as a whole is very involved and interested in working with our students," Latulippe said. "They spend a lot of extra time with them, making sure the students learn much more than what they're exposed to in the classroom. The instructors help them get out on campus and into the Kalamazoo community."

Familiarizing students with aspects of American life is an important part of CELCIS. Last year, students enjoyed field trips to Chicago, Greenfield Village and the Tulip Festival in Holland. This fall, travel plans included Mackinac Island and Amish country in Indiana.

Other programs match CELCIS participants with families in the community and with American students on campus so the international students can practice

Student is first Peace Corps intern from WMU

For many Americans, the name Cameroon came to mean soccer excitement as that nation's team took the World Cup by storm this summer. For a WMU student, Cameroon means two months of travel, adventure and service this winter.

David K. Kedrowski, a Farwell native and a junior in the Lee Honors College, has been named the University's first Peace Corps intern and will serve at Peace Corps offices in that West African nation after the Christmas holidays.

Kedrowski was one of 22 U.S. students

Senate to meet tonight

President Haenicke is expected to discuss a University Commission on Faculty Compensation at the next Faculty Senate meeting at 7 p.m. Thursday, Nov. 1, in 2020 Fetzter Center.

In addition, Norman C. Greenberg, senior adviser to the president for international affairs, will talk about international education and programs. And Theresa A. Powell, dean of students, will make a presentation on the revised Code of Student Life, which was approved by the Senate's Admissions, Financial Aid and Student Services Council in September.

selected to participate in the "Going Global" internship program that is sponsored jointly by the U.S. Peace Corps and Campus Compact: The Project for Public and Community Service. Campus Compact is a national coalition of 225 college and university presidents organized to promote community service as an integral part of the undergraduate experience.

The Peace Corps intern program grew out of a 1986 project at Dartmouth College and was opened up to all Campus Compact schools in 1987. The program offers student interns an opportunity for short-term service in one of 62 countries. The interns, in turn, provide valuable assistance to Peace Corps staff members in those developing nations.

Kedrowski, a mechanical engineering major and a Medallion Scholar, will spend about 10 weeks this winter in Cameroon and will be stationed at Peace Corps administrative offices in Yaounde, the nation's capital. His main task will be to develop a training manual for Peace Corps volunteers stationed in Cameroon. He also will be surveying Peace Corps workers in the field.

Kedrowski's journey to Cameroon as a Peace Corps intern began when a WMU campus committee selected him from among eight other student applicants as the University's nominee. Once selected by WMU, he had to complete a rigorous Campus Compact/Peace Corps application process that included essay answers to questions about such things as how he would share his experiences in Cameroon with others after his return to the United States.

"An important part of the intern program," he says, "is passing your knowledge along once you return home."

To share his overseas experiences and to increase awareness about the Third World, Kedrowski plans to make himself available to talk to classes and student groups and to act as a consultant for students considering a stint in the Peace Corps following graduation.

Kedrowski has considered volunteering for the Peace Corps once he's completed work on his bachelor's degree. He knows that as an engineer, he will have valuable skills to offer a developing country.

"This is a chance to get into the Peace Corps and see if it's something I want to do," he says. "It's a good opportunity for me to give 10 weeks completely to volunteer work and see how well I handle that."

The chance to travel to Africa also is a major attraction for Kedrowski. Although stationed at central office locations, interns are encouraged to travel around the country to meet with volunteers in the field. Kedrowski expects to do just that in the country that offers a wide array of geographic features.

Cameroon, located on Africa's west coast, boasts terrain that ranges from coastal swamp to tropical rain forest, grasslands and mountains.

Faculty member wins national research award

Nick G. Triantafilopoulos, paper and printing science and engineering, is one of two people who have won the American Paper Institute's 22nd annual George Olmsted Award.

He and Cyrus K. Aidun of the Institute of Paper Science and Technology in Atlanta each received \$2,500 for their work

in understanding the cause of streaks and other problems associated with the production of most lightweight, coated papers.

Triantafilopoulos was a graduate student at the Atlanta institute when he submitted the research paper with Aidun for which they earned the award. Currently, he is a candidate for a doctoral degree from the institute.

The purpose of the George Olmsted Award is to encourage original and outstanding paper industry-related research by young scientists and engineers.

Inselberg hearing conducted Oct. 29

The binding arbitration hearing for Edgar Inselberg, biological sciences, was conducted from 10 a.m. to 6:45 p.m. Oct. 29 on campus.

Arbitrator Maurice Kelman of Detroit has now given the attorneys for Inselberg and the University until Dec. 17 to file their briefs with him. He will then try to render a decision within 30 days.

Inselberg is appealing his one-semester suspension without pay and other related discipline for unprofessional conduct. The University implemented the suspension this semester.

Moms and dads here for Parents Day Nov. 3

Among the fans for WMU's Nov. 3 football game against the University of Toledo will be a large group of moms and dads on campus for the annual Parents Day.

More than 1,100 parents are signed up to attend a special pre-game brunch in the Bernhard Center, according to Charles G. Donnelly, associate dean of students. While in the center for brunch, the parents can browse over a number of information tables that will be set up in the second floor lobby.

Donnelly says he also expects to sell about 2,600 tickets for Saturday's football game to parents and family members. Other activities planned for the day include open houses in the residence halls and in fraternity and sorority houses.

The event is being sponsored by the WMU Parents Association.

WESTERN NEWS

Editor: Ruth A. Stevens; Staff Writers: Cheryl P. Roland, Michael L. Smith; Photographer: Neil G. Rankin.

Western News (USPS 362-210) is published by News Services, B-207 Ellsworth Hall, Western Michigan University, 1201 Oliver St., Kalamazoo, MI 49008-5165, weekly during fall and winter semesters and bi-weekly during spring and summer sessions, except during vacation periods. Second class postage paid at Kalamazoo, MI 49008-5165.

Postmaster: Send address changes to Western News, News Services, Western Michigan University, 1201 Oliver St., Kalamazoo, MI 49008-5165.

Western News is distributed without charge to faculty and staff members, retirees and friends of the University, and is available at several campus locations.

Deadline: Items to be considered for publication should be submitted to News Services by noon Tuesday of the week of publication. Offices that receive too many copies -- or too few copies -- are asked to call 387-4100. WMU is an equal opportunity/employer/affirmative action institution.

Hampton investigates new way to recover underground oil spills with EPA grant

The same principle used to make a raincoat repel water may be used to improve the rate at which petroleum spills are recovered from leaking underground tanks or pipelines.

Duane R. Hampton, geology, isn't planning to spray Scotchguard on acres of oil-contaminated soil. But he will use a similar chemical treatment on the sand granules that are packed around recovery wells, which are installed to retrieve such spills. The project is one of several that will be funded by a new three-year grant from the U.S. Environmental Protection Agency.

The EPA funding for the first year of the project is \$75,000. Funding for the three years of the project is expected to total \$266,000.

Hampton, who has spent the past three years developing tools that will accurately gauge how much petroleum product has contaminated an underground area, received earlier funding from EPA as well as from the Amoco Oil Co. and the state of Michigan's Research Excellence Fund. He will use the new grant to continue that work, but will turn his attention as well to the problem of increasing the rate of recovery for the spilled product that is now more accurately measured.

According to Hampton, when petroleum leaks occur around pipelines or underground storage tanks, recovery wells that are nearly identical to water wells are installed to recover the spilled product. Both water well and recovery well pipes are surrounded by a sand pack -- sand granules of a larger size than the surrounding soil. The purpose of the sand pack is to filter out the smaller soil particles and allow easier passage of the liquid into the well pipe.

"What has always been used for water wells is assumed to be the best for oil recovery wells, but that may not be the case," Hampton says of the technology used to install recovery wells.

One aspect of Hampton's research will be to investigate sand packs of various size, uniformity and granule shape to determine if another combination of those characteristics would be the most suitable for recovery wells. Working with Marian M. Smith, geology, Hampton will test a number of size and shape combinations.

Once the most efficient combination is determined, Hampton will investigate whether that ideal sand pack can be chemically treated to repel water and ease the entry of even greater amounts of spilled petroleum into the well. Among the chemical treatments being investigated are the same chemical components that make such commercial water-repellent preparations effective.

"What we are attempting to do is to make the sand pack hydrophobic -- re-

pellent to water," Hampton says. "When sand pack granules are coated with oil instead of water, oil moves through the pack more freely. Bacteria, which often clog recovery wells in a matter of months, are kept out. Our hope is that more oil will get in and the well will function longer."

Hampton says even a small increase in the amount of product retrieved in recovery wells is a boost to cleanup efforts because less product is left to be removed with more expensive and complicated techniques such as vacuum extraction and bioremediation. Those techniques are typically used to complete the cleanup of a spill site.

"The preliminary lab work is very promising," Hampton says, and notes the key will be finding a chemical treatment that does not harm the environment it is designed to help. After several months of testing and experimentation in the laboratory, Hampton expects to do field testing on the technique at a Southwest Michigan location with a large petroleum spill.

The sand pack research is a major emphasis of work being funded by the EPA grant. Two other projects are planned for the first two years of the grant and two new projects will be undertaken during the third year. All projects are directed at increasing the ease with which officials can determine the size of an oil spill and increase the rate of recovery.

One of the other major areas of research is aimed at discovering a safe tracer compound that can be added to a spill to allow investigators an opportunity to follow direction and speed of movement as an oil spill travels through the ground.

"For more than 100 years, such tracers have been used to trace ground water flow," Hampton says. "We'd like to be able to do the same thing with a spilled petroleum product. Then we can see if recovery wells are doing their job."

Michael E. McCarville, chairperson of chemistry, has been working for about a year on the tracer project and will be the main investigator of that portion of the EPA-funded work.

Also being studied during the three years of funded work are an examination of bailer tests which are commonly used to estimate the amount of product spilled in an area and an investigation of the potential for using ground penetrating radar to accomplish the same goal.

The different techniques to be studied in the project, Hampton says, may form the basis of an improved technology that can improve the possibility of effective cleanup of hydrocarbon spill sites.

"Like timber and nails used in a house, each one in isolation has a certain limited value," he says. "When combined they support and reinforce each other."

Zest for Life

A "Coping With Stress and Conflict" workshop is scheduled for 5:15 to 7:15 p.m. Tuesdays and Thursdays, Nov. 6, 8, 13 and 15, in 3270 Sindecuse Health Center.

None of us can escape stress, but how we perceive it and deal with it can become a life-long habit. This four-session workshop will focus on helping participants identify personal sources of stress and eight strategies for controlling stress in their own lives. Those who attend all four sessions will receive a free relaxation tape.

Media

James E. Nadonly, political science, discusses negative political advertising on "Focus," a five-minute interview produced by news services. "Focus" is scheduled to air Saturday, Nov. 3, at 6:10 a.m. on WKPR-AM (1420) and at 5:45 p.m. on WKZO-AM (590).

"Our Appetites in Our Eyes," a program produced by media services, will air on Kalamazoo Community Access Television Nov. 4-10. The program features poet Herbert S. Scott, English, waxing poetic about groceries. It will air at: 8:30 p.m. Sunday, Nov. 4, on Channel 31; 6 p.m. Tuesday, Nov. 6, on Channel 31; 7

On campus

KEEPING UP WITH ALUMNI -- Helping to keep track of the 5,000 members of WMU's Alumni Association is the job of Bea I. Clawson. A membership clerk in the McKee Alumni Center, she's responsible for using the computer to enter names and addresses, track dues payments and send out reminders. She also enters information on the computer about alumni received in news clippings for the "Alumnnotes" section of the Westerner. In addition, she provides back-up for answering the telephones in the McKee Alumni Center. Clawson, who has been at WMU in her present position for six years, says she enjoys working with people and with figures. "I like the contact I have with graduates who come back to campus or call," she says. "I also enjoy preparing reports." In her spare time, Clawson takes an aqua fitness class through Zest for Life and enjoys doing cross stitch, traveling and attending programs at Miller Auditorium, Shaw Theatre and York Arena Theatre.



Human Resources

Seminar offered on 'Effective Office Behaviors'

To create a professional atmosphere in any office, both supervisors and support staff must interact to develop and maintain a good work environment.

A seminar on "Effective Office Behaviors," scheduled for 8:30 a.m. to noon Tuesday, Nov. 6, in 204 Bernhard Center, will cover many approaches to creating successful office relationships.

Instructor Doreen A. Brinson, human resources, will touch on topics such as how to improve your communication skills, how to work smarter (not harder!), how to deal with the "talkers" who keep you from getting and job done and many other areas that will make you a more effective and efficient member of the University's support staff.

This seminar is open to all employees. To register, complete the form on the back page of your Training and Development Catalog and send it to Chrysa K. Richards, human resources, or call her at 7-3620.

Exchange

WANTED -- People interested in car pooling from Grand Rapids to Kalamazoo. My work hours at the University are 8 a.m. to 5 p.m. Mondays through Fridays. Please call Garry Vander Ploeg, telecommunications, at 7-0908 days or 530-9194 evenings.

FOR SALE -- Sharp remodeled lakefront home on Long Lake in Portage. Three bedrooms. Dock included. \$74,500. Call Karen at 7-4285.

Libraries

The Music and Dance Library will conduct its annual sale of books, music and recordings Monday through Wednesday, Nov. 5-7. The sale will run from 8 a.m. to 11 p.m. in 3008 Dalton Center.

Service

These University employees are recognized for five, 10, 15 and 25 years of service to the University in November:

25 years -- George Tarver, physical plant-B/E maintenance.

15 years -- Keith W. Palm, physical plant-custodial services; Debra A. Roseboom, art; and Nancy K. Sluss, Draper dining service.

10 years -- Darlene J. Blacker, Sindecuse Health Center; Siham A. Fares, Academic Skills Center; and Dorothy J. Martin, registrar's office.

Five years -- Beverly K. Britt, geology; Sharon L. Crotser, Waldo Library; Pamela M. Meyer, Office of the Vice President for Student Services; Virginia M. Overloop, physical plant-custodial services; and Paul R. Schneidenbach, academic computing services.

Jobs

The listing below is currently being posted by employment services in the Department of Human Resources. Interested fringe benefit eligible employees should submit a job opportunity transfer application or sign the appropriate bid sheet during the posting period.

S-01 and S-02 clerical positions are not required to be posted. Interested University employees may contact an employment services staff member for assistance in securing these positions.

(N) **Systems Specialist** (Repost), X-04, Evaluation Center, 90/91-168, 10/30-11/5/90.

(R) **Utility Food Worker**, F-1, Dining Services, 90/91-181, 10/30-11/5/90.

(R) **Clerk II**, S-03, Department of Human Resources, 90/91-191, 10/30-11/5/90.

(N) New

(R) Replacement

WMU is an EEO/AA employer

Applicant Information Service 7-3669

Your touchtone telephone lets you find out about employment opportunities seven days a week, 24 hours a day.

C/TO Chicago trip open to University community

The Clerical/Technical Organization is sponsoring its second annual Chicago bus trip to the downtown loop area Saturday, Nov. 17.

The trip is open to anyone in the University community. Passengers must be at least 14 years old.

Boarding time from the Bernhard Center will be at 7:15 a.m. and the bus will depart at 7:30 a.m. Shopping will begin at approximately 11:15 a.m. and end at about 8 p.m. The bus will return to the Bernhard Center at 11:30 p.m.

The cost of the trip is \$20 and the deadline to register is Wednesday, Nov. 7. For more information, persons may contact Ruth E. Mader, Bernhard Center, at 7-4861.

Campus blood drive set for Nov. 5-8

The Kalamazoo County chapter of the American Red Cross will conduct a blood drive on campus Nov. 5-8.

Students, faculty and staff are invited to donate a pint of blood at the drive, which is being sponsored by the Community Awareness Committee of the residence halls.

The hours for the drive are noon to 5:45 p.m. at these sites on the following dates: Monday, Nov. 5, Davis Hall; Tuesday, Nov. 6, Bigelow Hall; Wednesday, Nov. 7, Ernest Burnham Hall; and Thursday, Nov. 8, Eicher/LeFevre Halls.

p.m. Friday, Nov. 9, on Channel 33; and 6 p.m. Saturday, Nov. 10, on Channel 32.

"WMU Forum," a program produced by media services for Kalamazoo Community Access Television, will air at 8 p.m. Friday, Nov. 2, on Channel 30. Host Ronald C. Kramer, sociology, will discuss what precipitated the current savings and loan crisis with Raymond E. Zelder, economics, and David Hatfield, president of Fidelity Savings Bank of Kalamazoo. The program will be repeated at 8 p.m. on these dates: Sunday, Nov. 4, on Channel 31; Tuesday, Nov. 6, on Channel 32; and Thursday, Nov. 8, on Channel 31.