

# WESTERN MICHIGAN UNIVERSITY WESTERN NEWS

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## WMU institute helping Olivet College address race relations issues with sessions and survey

The University's Institute for the Study of Race and Ethnic Relations is helping Olivet College address race relations issues on its campus, said Earl M. Washington, director of the institute in the College of Arts and Sciences.

The process, one of several initiatives at Olivet since racial tensions erupted there last April, will be conducted by a team of WMU faculty members. It began in November with a cultural overview, the first in a series of sessions that will continue this year.

That session is being followed by an attitude survey to be conducted by the WMU Kercher Center for Social Research, which was to begin this week. The results of the survey will be shared in a later session. Presentations will follow on conflict management and multiculturalism.

"We are delighted with this opportunity to do what we have been established to do," Washington said. "We consider it a privilege to be of assistance to Olivet College in this manner."

This is the first time the small private college, with an enrollment of 700 students, has engaged in a partnership of this kind with a public institution, Washing-

ton said. The college is located about 25 miles south of Lansing.

The team of WMU faculty members includes: Lewis H. Carlson and Donald L. Fixico, both history; Ronald C. Kramer, sociology; Shirley A. Van Hoeven, communication; and Washington. Thomas L. Van Valey, sociology, heads the Kercher Center.

Racial tensions erupted at the college after a disturbance involving about 70 persons in a residence hall. Two students, one black and one white, eventually were dismissed.

After the incident, 23 of the 50 African American students then enrolled at the college left the campus and were permitted to finish their courses by mail, according to Olivet officials. Of those who left, 19 returned this fall, when the college enrolled 61 African American students, one fewer than the previous fall.

The WMU Institute for the Study of Race and Ethnic Relations, initiated by President Haenicke in 1989, is one of the first of its kind in the nation and the first to be announced in Michigan. It has co-sponsored two successful statewide conferences in Lansing and now offers its services where needs exist.

## Academic planning committee schedules forums to get campuswide input and promote discussion

The Committee to Advise the President on Priorities in the Academic Areas is planning a series of open forums to seek information from faculty, staff and students.

"In order to elicit campuswide input and facilitate discussion, the committee will hold an open forum on each set of specific issues the committee has identified," said Provost Nancy S. Barrett, who is chairing the committee.

The group is one of four committees appointed by President Haenicke as part of a comprehensive planning effort to develop institutional priorities for the next three to five years. This committee's charge is to study issues in the academic areas and provide a prioritized list of recommendations to Haenicke's Committee on Institutional Priorities, which will coordinate recommendations from all committees. The other two groups are the Committee to Advise the President on Priorities in the Non-Academic Areas and the Committee to Advise the President of Tuition and Fees Policies.

The open forums will run from 5 to 7 p.m. All will take place in the Bernhard Center except for the sessions on Thursday, Feb. 25, which will be in the Lee Honors College.

Topics, dates and locations are: "How should we enhance graduate education?" Thursday, Feb. 11, Room 213; "How should we enhance undergraduate education?"

Thursday, Feb. 11, Faculty Lounge; "How can we foster diversity among students, faculty and staff?" Tuesday, Feb. 16, Red Room B; "What should be our academic program priorities?" Tuesday, Feb. 16, Room 212; "What kind of student profile should we strive for?" Thursday, Feb. 18, Room 213; "What should be the role and perception of regional and continuing education at WMU?" Thursday, Feb. 18, Red Room C; "What are appropriate levels and support mechanisms for research?" Thursday, Feb. 18, Room 205; "How do we identify and prioritize faculty concerns?" Tuesday, Feb. 23, Room 212; "How can we facilitate international programs and exchanges?" Tuesday, Feb. 23, Room 213; "How do we enhance the character, reputation and perception of WMU?" Thursday, Feb. 25, Lee Honors College Lounge; and "Is our infrastructure compatible with our academic programs?" Thursday, Feb. 25, Room 1030 of the Lee Honors College.

The committee is encouraging faculty, staff and students to attend, and welcomes written comments addressing the topics. Persons may send their responses by Friday, Feb. 26, to the provost's office, 3073 Seibert Administration Building, or to any committee member.

Other committee members and the organizations they represent, if applicable, are: E. Thomas Lawson, chairperson of religion, Faculty Senate; William B. Harrison, geology, Faculty Senate; Gale E. Newell, accountancy, American Association of University Professors; Shirley A. Van Hoeven, communication, AAUP; Elwood B. Ehrle, biological sciences; Charles N. McQueen, a senior from Bloomfield Hills, Western Student Association; Barbara D. Muncey, a graduate student from Kalamazoo, Graduate Student Advisory Committee; Elise B. Jorgens, associate dean of the College of Arts and Sciences; Lynn C. Bryan, student employment referral service, Administrative Professional Association; and John M. Hanley, chairperson of speech pathology and audiology.

(Continued on page four)

## Mathematics reform efforts get boost from two grants

Two grants totaling more than \$830,000 will help WMU mathematics educators continue their efforts to put Michigan students in grades K-12 on the leading edge of U.S. mathematics reform.

A grant for \$440,000 to the Michigan Mathematics In-Service Project will fund a third year of efforts to retrain the state's 42,000 elementary and middle school mathematics teachers, making them more knowledgeable and comfortable with the kind of mathematics education needed to give students usable skills for college and the workplace. A grant for \$391,589 to the Making Mathematics Accessible to All project will fund a second round of staff development programs for high schools, follow-up workshops for teachers and continued testing of prototype units designed to make contemporary mathematics accessible to all ninth-graders.

Both awards were made by the Michigan Department of Education under the federal Dwight D. Eisenhower Mathematics and Science Education Act.

The Michigan Mathematics In-Service Project, which is one of the state's major mathematics reform efforts, already has updated the skills of more than 2,000 Michigan elementary and middle school teachers. This year, another 2,000 teachers will begin training and those already trained will take part in a series of teacher networks to help reinforce what they have learned. Currently, the first phase of teacher training is being implemented at 110 sites around the state. Teachers who already have completed phase one activities this year are beginning the second phase of training at 83 sites.

A collaborative effort between the Michigan Department of Education and the Michigan Council of Teachers of Mathematics, the project is directed by Ruth Ann Meyer, chairperson of mathematics and statistics, and Robert A. Laing, mathematics and statistics. The project began in 1990 with a six-month development grant to prepare training materials to enhance the mathematics teaching skills of teachers in grades K-8. Since those

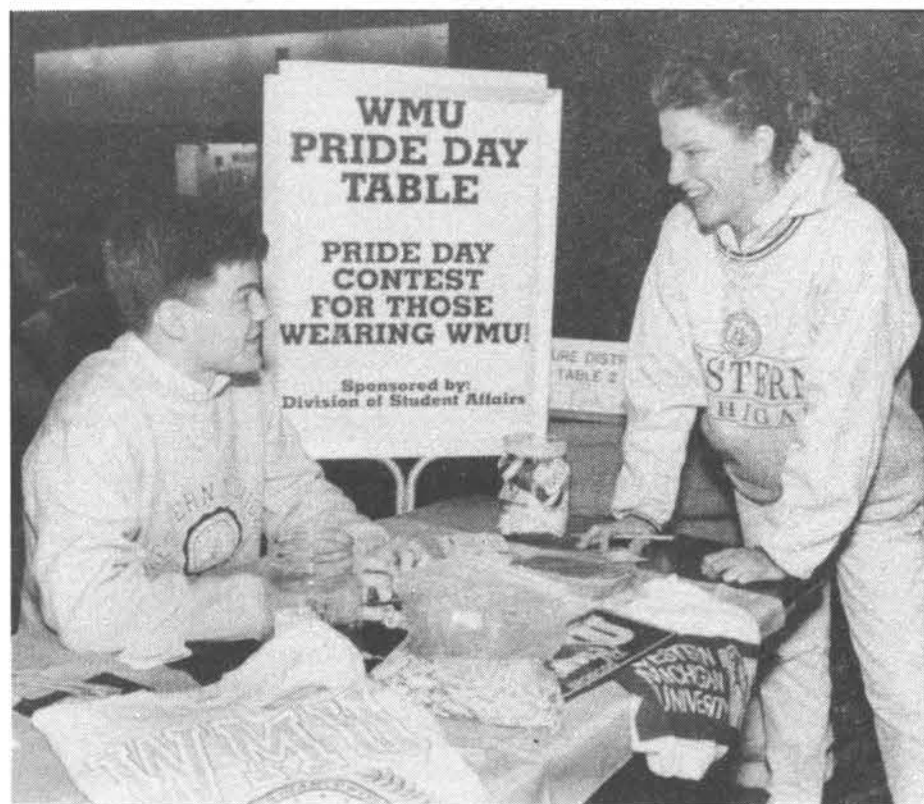
materials were developed, a series of three one-year grants — including the newest — have been awarded to implement training activities.

"The project has been very well received," Laing says. "We've developed a strong reputation across the state and we're developing a strong one nationwide."

Meyer says that about 350 teachers around the state are now serving as trainers in the program. Those include 175 middle school teachers who were certified as trainers in

October. The trainers lead local teachers in a first year of exercises that focus on the new directions in mathematics education and how to apply them in the classroom. During the second year, trainers serve as organizers for small networks designed to help teachers implement new teaching strategies and reinforce their experiences by sharing them with other teachers of the same grade.

Tests of participating teachers before and



**WMU PRIDE DAY** — As part of WMU Pride Day Jan. 27, the Division of Student Affairs handed out Bronco key chains to persons in the Bernhard Center who showed their spirit by wearing WMU garb. The WMU loyalists also were invited to sign up for a drawing for a variety of Bronco goodies — from sweatshirts and T-shirts to license plates. Here, John D. Fleckenstein Jr., student affairs, encourages Kristin A. Larsen, a freshman from Livonia, to register for a prize. WMU Pride Day, on which faculty, staff and students are asked to wear their WMU paraphernalia, is the last Wednesday of each month.

## Haenicke to be available during open office hours

President Haenicke will conduct open office hours from 10 a.m. to noon Tuesday, Feb. 9, to provide students, faculty and staff members with the opportunity to stop by and visit with him on any topic of concern.

Haenicke plans to be available in his office, 3060 Seibert Administration Building.

Individuals may visit without making an appointment and will not be restricted in time unless others are waiting. In that case, a time limit of 10 minutes will be imposed.

Persons may call the Office of the President at 7-2351 to make sure Haenicke is on campus prior to visiting during the allotted time.

## Candidates for senate posts will be nominated at meeting

The Faculty Senate will meet at 7 p.m. Thursday, Feb. 4, in the Fetzer Center. In addition to remarks by President Haenicke, agenda items include reports on international programs and on the Athletic Board. Candidates for senate president and vice president also are expected to be nominated at the meeting. A recommendation regarding the evaluation of the trial WMU student rating system will be presented for action as well.



## Breakfast to feature talk by Bowman on language

"Language as a Business Tool" will be the topic of the next breakfast meeting for WMU alumni and friends Tuesday, Feb. 9.

A continental breakfast will start the meeting at 7:30 a.m. at the Fetzer Center. Joel P. Bowman, interim chairperson of business information systems, will be the speaker.

An expert in business writing and communication, Bowman has written several textbooks with Bernadine P. Branchaw, business information systems. He has lectured widely on the importance of successful communication in business.

The event is part of a series of breakfast speaking engagements sponsored by WMU and its Alumni Association. The cost is \$6 for association members and \$7 for non-members.

Persons are encouraged to make reservations by Friday, Feb. 5, by calling the McKee Alumni Center at 7-8777.

## Scientist to discuss new frontiers in coastal geology

"New Environmental Geoscience Frontiers: Coastal Geology, Oil Spills and Coastal Land Loss" is the title of a talk to be presented at 4 p.m. Monday, Feb. 8, in 1118 Rood Hall.

Shea Penland, associated research professor and associate director of the Louisiana Geological Survey in the Center for Coastal, Energy and Environmental Resources at Louisiana State University, will be the speaker.

Penland is a Distinguished Lecturer sponsored by the American Association of Petroleum Geologists.



**DONATIONS FOR DOMESTIC ASSAULT SHELTER** — It took members of the Clerical/Technical Organization eight trips with cars and trucks to deliver items collected during its second annual campaign for the YWCA's Domestic Assault Shelter. From left, Laurie Hedgecock, a receptionist at the YWCA, accepted one delivery last week by Sandra L. Custer, Sindecuse Health Center, and Melody D. Charlton, biological sciences. As a community service project, the group collected clothing, linens, lamps, dishes, kitchen tools, toys and personal care items at sites throughout campus during the past month. More items are still slated for delivery, according to Cindy L. Zimmerman, funds management, who coordinated the drive.

## Expert on behavior of captive wild animals to speak

A scientist who specializes in behavioral enrichment in zoos and in the behavior of captive wild animals will speak at the University Thursday and Friday, Feb. 4-5, as part of the Visiting Scholars and Artists Program.

Hal Markowitz, professor of biological sciences at San Francisco State University, will present three talks that are free and open to the public. He also is the head of the Behavioral Enrichment Program at the University of California at San Francisco and the California Primate Research Center at Davis.

Markowitz designs responsive environments that maintain the psychological and biological well-being of captive animals. His research has shown the importance of supporting the animals' species-specific behavior and giving them control over their own lives.

These responsive environments involve

everything from artificial prey for felines to competition with zoo visitors in a reaction-time game for mandrills. Markowitz also has worked with chimpanzees, servals, otters and elephants. In addition to improving life for captive animals, the environments he designs increase the educational and research value of the zoos for visitors and scientists.

At 4 p.m. Thursday, he will discuss "Environmental Enrichment: What Works and What Doesn't" in 204 Bernhard Center. This lecture is intended primarily for animal researchers and animal care workers. In a presentation illustrated with slides and videotapes, Markowitz will show how devices that allow animals some control over aspects of their environment reduce stress as well as abnormal and self-abusive behaviors.

"The Zoo as an Educational and Research

Facility" will be Markowitz's topic at 8 p.m. Thursday in 3760 Knauss Hall. He will discuss his premise that if zoos, aquariums and wildlife parks are to become true conservatories, research laboratories and educational facilities, they must include motivation for natural behavior. This illustrated lecture is designed for the general public.

At 4 p.m. Friday, Markowitz will lead a Department of Psychology colloquium in 3760 Knauss Hall. His topic will be "Instincts, Natural Contingencies and the Behavior of Wild Animals in Captivity." His focus will be on the zoo as a research facility. Markowitz maintains that if zoos are to be sites for meaningful study, researchers should look at species-typical behaviors in nature and turn captive facilities into effective responsive environments.

Markowitz's visit is being coordinated by the Department of Psychology. For more information, persons may contact Richard W. Malott, psychology, at 372-1268.

The Visiting Scholars and Artists Program was established in 1960 and has supported more than 430 visits by scholars and artists representing more than 65 academic disciplines. The chairperson of the committee that oversees the program is Marcia A. Kingsley, University libraries.

## Educational conference on alcohol set for Feb. 12

WMU's third annual educational conference on alcohol issues titled "Project FATE" is scheduled for Friday, Feb. 12.

This statewide conference, coordinated by Western's Committee for Alcohol Responsibility and Education (We. CARE), will run from noon to 6 p.m. in the Bernhard Center.

Project FATE stands for Facing Alcohol Through Education. The goal of the conference is to promote responsible choices by informing participants through workshops. Some of the topics to be discussed in the workshops include subliminal advertising, the psychological effects of alcohol, sexual assault and alcohol, and self-esteem.

The conference also will serve as a resource fair of educational materials, program ideas and items from vendors such as health and government agencies. Magician John Fabjance will present the keynote speech at 2 p.m.

The cost of the conference is \$5 and each participant will receive a complimentary T-shirt. Project FATE is open to the public.

As a student organization, We. CARE's aim is to promote responsible decision making and behavior involving the use of alcohol

## Committee seeks nominees for Distinguished Service Award

Nominees are being sought for the 1993 Distinguished Service Award. Forms as well as additional materials and letters of support are due Friday, March 12.

This award, first given in 1980, was established to recognize exceptional service in one or more of these categories: service through innovative and effective programs; service in areas or organizations that contribute to the growth and stature of the University; and service that extends the impact and presence of the University into the larger community.

Up to two Distinguished Service Awards may be made each year. When two awards are given, one goes to a faculty member and the other to a staff member. Each recipient receives a \$1,500 honorarium and a plaque.

All current, continuing full-time faculty and staff who have at least five years of service at the University are eligible. An individual may receive the award only once.

Guidelines have been mailed to faculty and staff through campus mail. For more information or additional guidelines, persons may contact Richard K. Schaper, human resources, who is chairing the committee, at 7-3635.

## APA social event is tonight

The "5:05 Club," an informal after work social opportunity sponsored by the Administrative Professional Association, is scheduled for Thursday, Feb. 4. All professional/technical/administrative employees are invited to gather from 5:05 to 7 p.m. at the Holiday Inn West, 2747 S. 11th St. Free hors d'oeuvres and a cash bar will be available.

## Play added to list of events for Black History Month

Yet another event — in addition to those mentioned in the Jan. 28 *Western News* — has been scheduled on campus in celebration of Black History Month in February.

The Minority Theatre Program will present Crystal Rhodes' comedy, "The Trip," and Von Washington's drama, "The Operation," at 8 p.m. Wednesday through Saturday, Feb. 10-13, in the York Arena Theatre.

"The Trip" explores the superficial level of friendship as four companions travel on a comic adventure from Chicago to Los Angeles. "The Operation" probes the problematic issues the black male faces in attempting to gain an equitable position in American society. Washington, who directs the Minority Theatre Program, will direct the productions.

Tickets are \$6 and seating is general admission. For reservations and more information, persons may call the University Theatre ticket office at 7-6222 between noon and 6 p.m. weekdays.

The productions are supported by the Irving S. Gilmore Foundation of Kalamazoo and the Consumers Power Foundation of Jackson through the Arts Foundation of Michigan in celebration of its Year of Theatre Program.

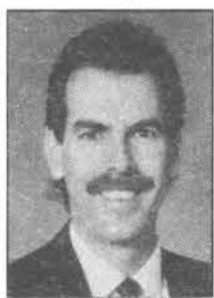
## Murphy named to position in placement office

James D. Murphy has been appointed as a coordinator in career planning and placement services.

His responsibilities will include coordinating services for employers in health and human services, fine arts, and arts and sciences professions.

He also will be organizing group seminars and workshops for WMU students and alumni on such topics as resume writing and effective interviewing. Individual sessions are available by appointment.

In addition, Murphy will chair the 15th annual Career Fair, scheduled for Thursday, Feb. 4, in the Bernhard Center.



Murphy

Before joining the WMU staff, Murphy was director of placement and director of student activities at Davenport College in Kalamazoo. He earned his bachelor's degree in secondary education and his master's degree in counselor education and counseling psychology from WMU.

As an undergraduate, Murphy helped lead WMU's student orientation program. He also completed an internship with the orientation program after finishing his master's degree. He currently is working on a doctoral degree in educational administration at Michigan State University.

## Fraternity to prepare taxes

Members of Beta Alpha Psi, WMU's chapter of the national accounting fraternity, will be offering tax preparation assistance to the Kalamazoo community in the coming weeks.

The group will provide free tax preparation for the elderly and persons with incomes of less than \$20,000 who do not itemize their deductions.

Fraternity members will prepare federal and state returns from 2:30 to 5 p.m. Mondays, Feb. 8 and 22, at the Douglass Community Center. In addition, they will prepare tax returns from 2:30 to 5 p.m. Mondays, March 8, 15, 22 and 29 in 1220 Haworth College of Business building.

Persons seeking the free assistance should bring their W-2 forms, Forms 1099 and any other pertinent tax information they have received. For more information, persons may contact the Department of Accountancy at 7-5259.

## WESTERN NEWS

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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.



## Blood pressure screeners poised to provide assessments at 20 sites throughout campus

Take this message to heart: Check your blood pressure!

That's the theme of this year's Campuswide Blood Pressure Screening and Education Program, sponsored by University Wellness Programs in the Sindecuse Health Center. Screeners are scheduled to travel to 20 convenient sites throughout campus over the next two weeks, beginning Monday, Feb. 8 (see the calendar on page four this week and next week for times, dates and locations).

WMU's annual blood pressure control program offers blood pressure assessments and preventive health education provided by professional nurses and 60 certified student screeners, with the goal of helping students, faculty and staff keep their blood pressure in a healthy range.

"Over the past 15 years, the death rate from diseases of the heart and blood vessels has declined dramatically," says Christine G. Zimmer, University Wellness Programs. "Changes in lifestyle and risk factor reduction have played a major role in this decline. Still, coronary heart disease and stroke continue to kill more Americans than all other diseases combined. Cardiovascular disease also continues to retain its status among our country's leading causes of disability."

Three major risk factors contribute to silent but progressive arterial destruction: high blood pressure; high cholesterol; and cigarette smoking. People with high blood pressure have three to four times the risk of developing coronary artery disease and as much as seven times the risk of a stroke as do those with healthy normal blood pressures.

About 30 percent of all adults over age 18 have high blood pressure. Current studies show only 54 percent of hypertensive adults are aware of their high blood pressure and

only 11 percent have their blood pressure under control.

"Actuarial charts used by life insurance companies indicate that, at any given age, the higher your blood pressure, the shorter your life expectancy," Zimmer says. "Blood pressure control can be successfully achieved through weight control, reduction of alcohol intake, regular aerobic exercise, quitting smoking, reduction of caffeine intake, sodium restriction, stress management and, if necessary, medication."

"High blood pressure has no symptoms, so getting your blood pressure checked every six to 12 months should be high on everyone's list for preventive health care," she says. "So let us pump you up. Get your blood pressure checked at one of our screening sites scheduled for your convenience. You, more than anyone else, are in charge of your health. Take time to take care of yourself."

### Building featured in magazine

The Haworth College of Business building was featured in the November issue of *Building Design and Construction* magazine. Designed by Luckenbach/Ziegelman and Partners Inc. of Birmingham, the building was noted in the article for "a collegiate exterior and a corporate interior." The piece was illustrated by several large photographs of the building.

## On campus



Cronkhite previously worked at Upjohn Healthcare Services and decided to apply for a job at WMU after a recommendation from a current administrator. Her father, Chauncey J. Brinn, is WMU's vice president for administrative affairs and interim director of intercollegiate athletics.

**A NEW JOB AND A NEW ATMOSPHERE** — One thing Karen L. Cronkhite has noticed about her new job is how quiet the office is. For two weeks, she has been the new secretary in the Department of Business Information Systems. For nearly two years, she had been a receptionist at the front desk in the Office of Student Financial Aid and Scholarships. While she's no longer answering a myriad of questions from students and parents, she keeps busy keyboarding examinations and letters for the 24 faculty members in her new department. She also answers the telephones, helps students who come into the office with questions and places textbook orders. "I like the interaction with people," she says. "I also like the flexibility of being able to take classes while I'm working." Cronkhite hopes the University is able to offer the proposed baccalaureate degree in nursing soon, because she's interested in a career in that field. She's currently taking the prerequisites toward a bachelor's degree in nursing.

## Grants exceed \$9 million entering last half of fiscal year

Halfway through the 1992-93 fiscal year, grants to the University have passed the \$9 million mark, the Board of Trustees learned at its Jan. 18 annual meeting.

Grants totaling \$1,560,542 during November and December brought the year-to-date total of grants received to \$9,069,643, an amount that is 23.6 percent higher than the \$7,338,864 total received during the same period last year.

The board also learned of \$492,216 in December cash gifts to the University that brought the total of gifts received for the first half of the fiscal year to \$1,854,751.

Major grant recipients during the two-month period included faculty and staff members working on water research projects in the University's Institute for Water Sciences and the Department of Geology. Four grants for such research totaled more than \$740,000.

The largest grant received was a \$475,000 award from the Michigan Department of Commerce to a project under the direction of David A. Barnes, geology. The funds will be used to continue installation and monitoring of the effects of experimental devices designed to protect shorelines from erosion.

A \$98,000 award to Duane R. Hampton, geology, from the U.S. Environmental Protection Agency will fund the third year of his research on improving clean-up procedures at underground petroleum spills. Hampton is

developing and testing new methods for constructing monitoring wells that can measure the amount of contaminants in the soil at spill sites. A second part of the project is aimed at developing new methods for chemically tracing the movement of contaminants through soil to determine the direction and speed at which a contaminant is spreading. Michael E. McCarville, chairperson of chemistry, is leading that part of the research.

R.V. Krishnamurthy, Institute for Water Sciences, received a previously announced \$94,886 award from the National Science Foundation's Climatic Dynamics Program. His research is on finding new ways to determine the ratio at which certain elements occur in a variety of organic compounds that are significant in biologic or geologic studies.

A \$74,823 grant from the city of Grand Rapids to Michael J. Barcelona, Institute for Water Sciences, will support research on improving drinking water quality in that city. Barcelona will study a variety of water treat-

ment options to help the city meet federal dissolved lead water quality requirements.

A \$137,423 award to the College of Education from the Michigan Partnership for New Education in East Lansing will fund joint efforts between the University and Prairieview Elementary School in Battle Creek's Lakeview School District. That school has been designated by the district as a Professional Development School. The grant is being used to support the 1992-93 efforts of Prairieview teachers as they study and implement new practices in teaching as well as to provide sound preparation for student teachers from the University. Sandra J. Odell, education and professional development, directs WMU's efforts in the Prairieview project.

A \$120,014 award from the U.S. Department of Education to William R. Wiener, chairperson of blind rehabilitation, will fund continued support for graduate fellowships

(Continued on page four)

### Miller offers tickets at outlets downtown and in Portage

Miller Auditorium now offers ticket buyers the convenience of two new remote ticket outlets — the Irving S. Gilmore Keyboard Festival office in the Radisson Plaza Hotel in downtown Kalamazoo and the First of America Bank-Woodbridge Hills office at 3900 W. Centre Ave. in Portage.

Tickets to all Miller shows as well as tickets to WMU's Dalton Series-Young Concert Artist Series, Irving S. Gilmore Keyboard Festival, Kalamazoo Ballet Company, Kalamazoo Singers and Kalamazoo Symphony Orchestra can be purchased at these sites.

Outlet sales are on a walk-in basis only (no telephone or mail orders). Hours are 10 a.m. to 4 p.m. Mondays through Fridays. All sales are final and payment is necessary at the time of purchase. Exchanges must be made at the Miller Auditorium ticket office.

### Board approves sabbaticals

A total of 19 faculty members were granted sabbatical leaves for all or part of the 1993-94 academic year in action Dec. 14 by the Board of Trustees.

These faculty members were awarded sabbaticals for the full academic year: Thomas C. Bailey, English; David A. Barnes, geology; Robert O. Brinkerhoff, educational leadership; David A. Burnie, finance and commercial law; James R. Daniels, theatre; Suhashni Datta-Sandhu, political science; Arthur E. Falk, chairperson of philosophy; Nina Nelson Fuqua, dance; R. Wayne Fuqua, psychology; Meshulam Groper, mechanical and aeronautical engineering; Katherine Joslin, English; Hanjoon Lee, marketing; Johnny L. Pherigo, music; Elaine L. Phillips, Counseling Center; Dale H. Porter, history; Danny H. Thompson, social work; Charles C. Warfield, interim chairperson of educational leadership; and Kenneth L. Williams, computer science.

In addition, Brian L. Wilson, music, was approved for a fall semester sabbatical.

Faculty members receive 75 percent of their base salary for the period of the sabbatical. Sabbaticals are granted only to tenured faculty members and may be taken not more than once every seven years.

In other action, the trustees approved a leave of absence for Salim E. Harik, economics, from Sept. 1, 1993, to April 30, 1994.

## Jobs

The following list of vacancies is currently being posted through the Job Opportunity Program by employment services in the Department of Human Resources. Interested benefits 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) Research Assistant II (Term Ends

12/31/93), P-03, Chemistry, 92/93-262, 2/2-2/8/93.

Please call the Applicant Information Service at 7-3669 for up-to-date information on the Job Opportunity Program and vacancies available to external applicants.

(N) New

WMU is an EO/AA employer

## Media services

A live demonstration of two-way interactive video via satellite is set for 9 to 11 a.m. Tuesday, Feb. 9, in the clock tower conference room on the third floor of the University Computing Center. "Experience Tomorrow's Technology Today" is sponsored by the University of New Orleans Research and Technology Park, and will feature live presentations from Howard R. Poole, media services, and Glenn Miller of the Upjohn Co.

A live teleconference, "Partnership Power: A Cooperative Approach to Distance Learning," will run from 1 to 3:30 p.m. Thursday, Feb. 18, at the Fetzer Center. Co-sponsored by the Division of Media Services and the Department of Distance Education, the event will focus on how inter-institutional cooperation and win-win partnerships can lead to new and better learning opportunities for students.

To register or for more information about either event, call 7-5002 or 7-5003.

## Media

Leander C. Jones, Black Americana Studies Program, discusses the re-emergence of Malcolm X on "Focus," a five-minute interview produced by news services. "Focus" is scheduled to air Saturday, Feb. 6, at 6:10 a.m. on WKPR-AM (1420).

## Libraries

The Harper C. Maybee Music and Dance Library announces the acquisition of copies of manuscripts of compositions by Ramon Zupko, professor of music.

Beginning in 1987, Zupko has presented the library copies of all his works with the intent that they be available for study and performance, as well as for archival purposes. The library is currently completing the cataloging and binding for the last of the nearly 100 compositions.

The scores were cataloged using the OCLC network so that bibliographic records for them appear online and make them accessible to scholars and musicians throughout the country. To facilitate performance, Zupko made available the instrumental parts for many of the chamber and larger ensemble works. The library also owns his published compositions.

Zupko is an internationally prominent composer whose music is widely known and performed. He has been honored with grants from the National Endowment for the Arts, the American Composers Alliance and the Martha Baird Rockefeller Foundation, commissions from the Fromm and Koussevitsky foundations, and an award from the American Academy and Institute of Arts and Letters. He joined WMU's faculty in 1971 and was named a Distinguished Faculty Scholar in 1983.

The library is proud to accept and acknowledge Zupko's contribution and to establish the collection as both an archival and performing library of the music of a significant contemporary composer and distinguished member of the WMU faculty. The collection may be accessed by WMU library patrons using the FINDER online catalog.



# Calendar

## Thursday, February 4

(thru 26) Exhibition, "Portraits in Pastel," Al Harris, art teacher, Northeastern Elementary School, Kalamazoo, Department of Human Resources, 1240 Seibert Administration Building, weekdays, 8 a.m.-noon and 1-5 p.m.  
(thru 21) Exhibition, work by WMU Department of Art faculty, Miller Auditorium, weekdays, 10 a.m.-6 p.m.  
(and 5) Exhibition, "Bone Lust," advanced print workshop show, student art gallery, East Hall, 10 a.m.-5 p.m.  
(thru 23) Exhibition, drawing and painting by Audrey Skuodas, Oberlin, Ohio, artist and instructor at the Cleveland Institute of Art, Gallery II, Sangren Hall, weekdays, 10 a.m.-5 p.m.  
15th annual Career Fair, Bernhard Center, 10 a.m.-4 p.m.  
Visiting Scholars and Artists Program presentations by Hal Markowitz, professor of biological sciences, San Francisco State University: seminar, "Environmental Enrichment: What Works and What Doesn't," 204 Bernhard Center, 4 p.m.; and lecture, "The Zoo as an Educational and Research Facility," 3760 Knauss Hall, 8 p.m.  
University film series, "High Heels" (Spain, 1991), directed by Pedro Almodovar, 3750 Knauss Hall, 6 and 8:30 p.m.  
Meeting, Faculty Senate, Fetzer Center, 7 p.m.  
African American "Heritage Night," Dalton Center Recital Hall, 7 p.m.  
\*Performance, "An Evening with Langston and Martin," featuring Danny Glover and Felix Justice, 8 p.m.  
\*(thru 7) Chamber opera, "Susannah," Dalton Center Multi-Media Room: Feb. 4-6, 8 p.m.; and Feb. 7, 2 p.m.  
Reading by poet Thomas Lux, Sarah Lawrence College, 3321 Brown Hall, 8:30 p.m.

## Friday, February 5

Dance showing, Dalton Center Dance Studio B, noon.  
Psychology colloquium, "Instincts, Natural Contingencies and the Behavior of Wild Animals in Captivity," Hal Markowitz, professor of biological sciences, San Francisco State University, 3760 Knauss Hall, 4 p.m.

## Saturday, February 6

Men's gymnastics, WMU vs. the University of Michigan, Gary Center, 1 p.m.  
Women's basketball, WMU vs. Ball State University, Anderson Arena, Kalamazoo College, 5:30 p.m.  
\*Hockey, WMU vs. Michigan State University, Lawson Arena, 7 p.m.  
\*Men's basketball, WMU vs. Ball State University, Anderson Arena, Kalamazoo College, 8 p.m.  
\*Concert, violinist Itzhak Perlman, Miller Auditorium, 8 p.m.  
"Cabaret" for WMU minority faculty and staff members, North Ballroom, Bernhard Center, 8:30 p.m.

## Sunday, February 7

Student recital, Heather Klenk, clarinet, Dalton Center Recital Hall, 2 p.m.  
Concert, University Concert Band, Miller Auditorium, 3 p.m.

## Monday, February 8

(thru 12) Exhibition, BFA show in watercolor by Jeff Kuiper, South Gallery, student art gallery, East Hall, 10 a.m.-5 p.m.  
Campuswide blood pressure screening, Waldo Library lobby, 10 a.m.-9 p.m.  
Minority affairs brown bag luncheon, "Power: How To Use It and Not Lose It," Donald E. Thompson, vice president for research, Kanley Chapel multi-purpose room, noon.  
Geology lecture, "New Environmental Geoscience Frontiers: Coastal Geology, Oil Spills and Coastal Land Loss," Shea Penland, Louisiana Geological Survey, Louisiana State

University, 1118 Rood Hall, 4 p.m.  
Faculty recital, "Brass Faculty Showcase," Dalton Center Recital Hall, 8 p.m.

## Tuesday, February 9

\*Breakfast program for WMU alumni and friends, "Language as a Business Tool," Joel P. Bowman, interim chairperson of business information systems, Fetzer Center, 7:30 a.m.  
\*Training and development seminar, "Interaction Management—Improving Work Habits," Doreen A. Brinson, human resources, 204 Bernhard Center, 8:30 a.m.-noon.  
African American arts and cultural display, Red Rooms, Bernhard Center, 9 a.m.-5 p.m.  
Live demonstration of two-way interactive video via satellite, clock tower conference room, Computing Center, 9-11 a.m.  
Campuswide blood pressure screening, Waldo Library lobby, 10 a.m.-9 p.m.  
President Haenicke's open office hours, 3060 Seibert Administration Building, 10 a.m.-noon.

Student recital, Student Brass Quintet, Dalton Center Recital Hall, 8 p.m.

## Wednesday, February 10

Graduate College writing workshop for the preparation of doctoral dissertations, specialist projects and master's theses, 212 Bernhard Center, 10-11 a.m.; call 7-3569 to register.  
Campuswide blood pressure screening: Seibert Administration Building lobby, 10 a.m.-1 p.m.; Ellsworth Hall lobby, 1:30-4:30 p.m.; and Ackley, Shilling, Britton and Hadley Halls cafeterias, 4:30-6:30 p.m.  
School of Music Convocation Series concert, Sarah Arneson, soprano, and George Kern, piano, Dalton Center Recital Hall, 2 p.m.  
Master class, Sarah Arneson, soprano, Dalton Center Recital Hall, 3 p.m.  
Biological sciences seminar, "Pheromonal Communication in Lizards," William E. Cooper, biology, Indiana University-Purdue University at Fort Wayne, 5270 McCracken Hall, 4 p.m.  
College of Education research colloquium, "Children At Risk or At Promise? Lessons from a First Grade," Mary Hauser, education and professional development, 2308 Sangren Hall, 4 p.m.  
\*(thru 13) Minority Theatre Program productions, "The Trip" and "The Operation," York Arena Theatre, 8 p.m.

## Thursday, February 11

\*Sixth annual W.E.B. DuBois Conference and Luncheon, East Ballroom, Bernhard Center, 9 a.m.  
Campuswide blood pressure screening: Sangren Hall lobby, 10 a.m.-4 p.m.; and Eicher, LeFevre, Garneau and Harvey Halls cafeterias, 4:30-6:30 p.m.  
Engineering lecture, "Quality, Productivity, High-Velocity Performance and Global Competition," James L. Melsa, vice president and general manager, data communications division, Tellabs Inc., Lisle, Ill., 3014 Kohrman Hall, 4 p.m.  
Open forums, Committee to Advise the President on Priorities in the Academic Areas, 5-7 p.m.: "How Should We Enhance Graduate Education?," 213 Bernhard Center; and "How Should We Enhance Undergraduate Education?," Faculty Lounge, Bernhard Center.  
University film series, "The Little Thief" (France, 1989), directed by Francois Truffaut, 3750 Knauss Hall, 6 and 8:30 p.m.  
Guest artist recital, George Kern, piano, Dalton Center Recital Hall, 8 p.m.  
\*Admission charged

## Mathematics reform (Continued from page one)

after their first year of training with the Michigan Mathematics In-Service Project show substantial gains in their knowledge and comfort level with skills that are essential to new national mathematics standards being implemented. The standards require that teachers be comfortable with the use of calculators, graphing, geometry, estimation and fractions. They de-emphasize such common teaching strategies as drills and repetition.

Laing says that in future years, he and Meyer would like to see participants in the project serve as a core group of Michigan teachers who can evaluate and begin to pilot test some of the new mathematics curricula being developed around the nation under the auspices of the National Science Foundation.

"If we really want to change things in mathematics, we have to change the materials used to teach mathematics," he says. "Teachers trained through this program will be ready for those materials when they're available."

The second project is aimed at preparing high school mathematics teachers for the kinds of teaching materials that will soon be available. Directed by Christian R. Hirsch, mathematics and statistics, the Making Mathematics Accessible to All project is designed to pave the way for a new high school mathematics curriculum and is linked to a new five-year \$6 million project funded by the National Science Foundation. That project, the Core-Plus Mathematics Project, is being directed by Hirsch and Arthur F. Coxford Jr. of the University of Michigan and will result in development of a three-year mathematics core curriculum intended for students around the nation. Materials for a fourth-year course focusing on the transition to college mathematics also will be developed.

The project is a cooperative effort among Michigan higher education institutions and intermediate and local districts to help high schools reshape their mathematics programs to provide a common core of broadly useful

mathematics for students. The program reflects the National Council of Teachers of Mathematics' new national standards for curriculum and teaching and the new Michigan Core Curriculum Outcomes, which include a set of expectations in mathematics for all students that align with the NCTM standards.

The project, Hirsch says, focuses first on schools as "the units of change" by providing staff development sessions for school-based teams. Follow-up workshops then focus on teachers as "the agents of change." These workshops introduce mathematics teachers to the kinds of instructional and assessment materials being developed for them to use in the new three-year core curriculum.

During the project's first year, teams comprised of teachers, administrators and counselors from nearly 70 Michigan schools participated in a series of four, day-long inservice seminars held at eight sites around the state. A three-week intensive workshop also was offered last summer at WMU, the University of Michigan at Ann Arbor and the U. of M. at Dearborn. The workshop examined how data and methods of data analysis could drive much of the high school mathematics curriculum. "The new funding for this project enabled us to expand our staff development offerings from eight to 11 sites and to conduct a whole new round of staff development sessions for nearly 100 new school teams," Hirsch says. "It also has allowed us to provide follow-up support for those teachers who took part in last year's staff development program."

Some teachers who participated last year are field testing new ninth grade mathematics materials that are prototypes of units being developed in the Core-Plus Mathematics Project. Next year, Hirsch says, selected schools in the Making Mathematics Accessible to All project will serve as pilot test sites for the Core-Plus ninth grade curriculum. After a year of Michigan testing, the curriculum will be revised and then field tested nationally before publication.



**RECOGNITION PLAQUE** — A plaque containing the names of all those who supported WMU's "Campaign for Excellence" with a gift of \$1,000 or more has been installed in the William Harold Upjohn Rotunda in Waldo Library. Admiring the 2,067 names on the "honor roll" are Kristina R. Eldredge, a graduate student from Toronto, and Christopher J. Long, a graduate student from Kalamazoo. The largest capital campaign in University history was concluded this past fall with more than \$62 million raised. It ended 15 months early and exceeded its goal of \$55 million by 12.9 percent.

## Grants (Continued from page three)

in that department.

Also noted on the report were three grants totaling \$157,718 from the Kalamazoo County Human Services Department to support the work of WMU's Center for Developmentally Disabled Adults. The CDDA provides communication, daily living and socialization training for Kalamazoo County adults with developmental disabilities. The funds will support CDDA work with clients at four sites in the area.

The report on gifts noted one large donation to establish a student scholarship, two anonymous gifts to the University and two gift annuities.

Japanese artist Ryoji Koie gave \$30,200 to the University to establish an endowed scholarship for art students to travel and study in Japan. Koie, a ceramic artist who visited Kalamazoo in November for a showing of his work at the Kalamazoo Institute of Arts, designated the proceeds from the sale

of ceramic pieces produced for that show to establish the Ryoji Koie Art Scholarship. The scholarship will be awarded based on competitive production of ceramic and sculpture pieces by students who are art majors or minors.

The University also received an anonymous \$26,500 gift to purchase a new Steinway piano for use in Miller Auditorium. A second \$30,000 anonymous gift will be used by the Office of International Affairs to explore international opportunities for the University.

Two gift annuities also were noted. An anonymous gift annuity totaling \$100,000 will be used to establish an endowed scholarship for students in the Department of Theatre. A \$15,000 unrestricted gift annuity was established by Martin and Alice Cohen of Kalamazoo. He is an assistant professor emeritus of librarianship who retired in 1977 after 17 years at the University.