

WESTERN MICHIGAN UNIVERSITY WESTERN NEWS

Volume 17, Number 21

February 21, 1991

WMU research units help boost economic development

Three WMU research centers that focus on transferring technology and boosting economic development in Michigan have received nearly \$420,000 in funding for the current fiscal year from the state's Research Excellence Fund.

In addition, a fourth WMU research unit has been awarded \$22,500 through the Research Excellence Fund's competitive grant program to continue its work in an innovative metal casting technique.

Michigan's REF program was created through a 1985 act by the Michigan Legislature to support research at Michigan's public universities that contributes to economic growth in the state. The three WMU centers that have received their sixth year of funding through REF and the amount of money awarded for the current year are: the **Horticultural Economic Development Center**, \$132,400; the **Applied Mechanics Institute**, \$67,600; and the **Water Resources and Contaminant Hydrogeology Center**, \$219,958.

Besides awarding renewed funding to those three centers, the state also awarded WMU's **Center for Lost Foam Casting Development** a competitive grant for \$22,500 to continue its research with area industry into a new metal casting technique that can produce more complex metal castings at a competitive cost.

Lost foam casting utilizes a foam pattern embedded in sand that burns away and is "lost" when filled with molten metal. After cooling, all that is left is a perfectly formed metal replica of the original foam pattern. WMU researchers have been working with industry representatives for the past several years to refine the technique. Philip J. Guichelaar, mechanical engineering, who is the engineering development manager of the center, will oversee activity supported by the grant.

This year's grants for the three research centers that have received REF funding since the program's inception will support a variety of activities, including the development of new products and crops with the potential to boost the state's economy.

The **Horticultural Economic Development Center** funding will support work on three major center projects. Center co-directors Gina M. Antoniotti and Michael E. Byrne will continue their work on promotion of cranberries as a new high return cash crop for Michigan. The pair have been working with growers from other states, Michigan farmers and such state agencies as the Department of Natural Resources to introduce the berry, which is indigenous to Michigan, as a commercial crop that can fill the demands caused by a continuing national shortage.

In addition to the cranberry project, Byrne and Antoniotti also will continue a soil testing service for area bedding plant growers. That service, now fully operational, eventually will be turned over to the local private sector to continue the accurate and timely results that area growers need to stay competitive.

The third **Horticultural Economic Development Center** project will focus on research aimed at domesticating the bumblebee for use as a pollination replacement to the honey bee. The honey bee has been plagued by parasites and is facing the threat of genetic contamination by the aggressive African honey bee. Bumblebees, in addition to being free of those problems, are harder and more efficient workers.

The funding for the **Applied Mechanics Institute**, which is part of the Department of Mechanical Engineering, will provide continued interaction with West Michigan businesses. The institute serves as a facility for academic-industrial cooperation and undertakes industrial research and service. It also serves as an academic base for undergraduate and graduate students and faculty members to do basic and applied research in mechanics.

The institute is under the direction of Meshulam Groper, mechanical engineering. According to Groper, institute faculty members and students in the department have extensive contacts with West Michigan industry and provide such services as consulting, testing of parts and assemblies, technical instruction and research. The institute also holds seminars and short courses both on and off campus.

Names needed for honor

Faculty and staff members have until Friday, March 1, to nominate persons for the 1991 Distinguished Service Award. All current, continuing full-time faculty and staff who have at least five years of service to WMU are eligible for the award, which recognizes exceptional service to the University. For more information, persons may contact Sue H. Green, Bernhard Center, at 7-4889.

Program to spur middle school students to college

A federally-financed program launched last fall is pairing middle school students in Cassopolis with top WMU students in an effort to increase the odds that the youngsters will go on to earn college degrees.

The two-year pilot program is putting more than 40 students at Sam Adams Middle School in Cassopolis in regular contact with members of the WMU

for area businesspersons.

One of the institute's major resources, Groper says, is its Central Laboratory for Research and Technical Assistance that was built three years ago. The laboratory houses state-of-the-art loading and measuring devices that are available for use by companies that may not be able to afford or fully utilize such equipment on a regular basis.

Research undertaken at the Applied Mechanics Institute during the past year includes work on such engineering problems as stability, structural joints, the effects of temperature on mechanical properties of materials, and friction and surface characterization.

The third WMU research center funded through the REF program is the **Center for Water Resources and Contaminant Hydrogeology**, a part of the University's Institute for Water Sciences. Its REF

(Continued on page four)

Trustees assigned to standing committees

Assignments to the Board of Trustees' two standing committees have been announced by Winifred D. Fraser of Northville, chairperson of the University's governing board.

Trustees James S. Brady of Grand Rapids and Richard Y. St. John of Kalamazoo have been appointed chairpersons of the Budget and Finance Committee and the Academic and Student Affairs Committee, respectively.

Other trustees on the Budget and Finance Committee are: Lana L. Boldi of Grand Rapids; George A. Franklin of Kalamazoo; and Richard G. Haworth of Holland. Other trustees on the Academic and Student Affairs Committee are: Alfred L. Edwards of Ann Arbor; Roy S. Roberts of Royal Oak; and Fraser. Franklin also is vice chairperson of the board.

The next regular meeting of the board and its two standing committees is scheduled for Friday, March 15.

Morris Massey to deliver talks here Feb. 26-27

Human behavior expert Morris Massey will present two talks Tuesday and Wednesday, Feb. 26-27, at the Fetzner Center.

Massey, who is well known for his acclaimed videotape series, "What You Are Is Where You Were When," will speak as part of the Professional Development Program, a joint venture of the Administrative Professional Association and the Department of Human Resources.

All professional/technical/administrative employees are invited to attend one of the two free sessions: from 3 to 5 p.m. Tuesday; or from 10 a.m. to noon Wednesday. Registration forms have been mailed to those employees. Persons who have not yet registered may call the Department of Human Resources at 7-3620.

Massey, who is president of Morris



Massey

Massey Associates Inc. of Boulder, Colo., will speak on "What You Are Is What You Choose." The program asks why -- with all the push for higher quality, better service, teamwork and productivity -- so little meaningful change actually occurs. His address will be about change, choice, truth, commitment and courage, and will challenge participants to apply a fresh framework for coping with today and tomorrow.

Since the early 1970s, Massey has been delivering programs about human behavior, especially values. His client list includes numerous universities, as well as the Disney Corp., General Motors and IBM.

Recently, Massey was honored with the 1990 W.M. McFeely Award, presented by the International Management Council for "significant contribution to the field of management and human relations." His concepts and ideas led to the book, "The People Puzzle," and other widely used training manuals.



New provost on the premises

Nancy S. Barrett, left, began work as WMU's new provost and vice president for academic affairs Feb. 18. The new chief academic officer, who confers here with administrative assistant Alicia J. Yeagley, comes from Fairleigh Dickinson University in Teaneck, N.J., where she was dean of the Samuel J. Silberman College of Business Administration.

Student Literacy Corps -- college students who act as academic mentors and tutors. The goal of the program, funded by a two-year \$49,740 grant from the U.S. Department of Education, is to increase both the academic performance and career aspirations of the middle school students and to encourage community service among WMU students.

Each Tuesday and Thursday afternoon since the beginning of the winter semester, 15 WMU students have traveled to Cassopolis for one-on-one meetings with their middle school mentees. The WMU students tutor and mentor their young partners and meet with the middle school teaching staff to make sure the sessions cover the appropriate homework assignments. The weekly schedule will continue throughout the semester.

University and Cassopolis School District officials began laying plans for the first year of work after the grant was announced last fall. School officials selected the middle school participants and University personnel recruited WMU honors students. The WMU students took part in a fall semester training course to prepare them for the demands of mentoring. Middle school students and their mentors met together several times during the fall semester, but actual academic tutoring did not begin until the beginning of the current semester.

"The wonderful thing about this program," says project co-director Mogda S. Walker, minority affairs, "is that it en-

compasses so many groups both in and out of the community. Its truly a partnership."

Dean Faith Gabelnick, Lee Honors College, co-directs the project with Walker. Sandra J. Pompey, assistant principal of Sam Adams Middle School, is in charge of program coordination in the community. Parent and community groups in Cassopolis are involved as well as a number of WMU academic units.

According to Walker, the program is intended to build on and extend an existing campus/community project that has been introducing Michigan minority youth to the potential for a college education. The Martin Luther King Jr./Cesar Chavez/Rosa Parks Program serves about 400 middle school students in Cassopolis and 14 other communities who show potential for college work. Before the addition of the WMU Student Literacy Corps, the program was composed of college visitation and enrichment activities but had no tutoring component.

Gabelnick says the Cassopolis community is an ideal place to develop a plan that may well find its way into schools across West Michigan.

"We think there is a good foundation at the Sam Adams Middle School on which WMU students can build and perhaps effect some changes among the youngsters," she says. "This also has the potential to be a model program that could be extended into many other areas."

(Continued on page two)

Carlson selected for Soviet exchange program

Lewis H. Carlson, history, has been selected to travel to Moscow in March to take part in a joint writing and language teaching project with Soviet teachers and students.



Carlson

Carlson will join seven other writers and educators and eight Michigan high school students in a program March 22-April 5 sponsored by the Centre of Children's and Adults' Creative Initiative for Peace in Moscow and coordinated through the Huron Shores Summer Writing Institute in Rogers City, Mich.

The American party will be joined by an equal number of Soviet teachers and students for the program that will feature a writing project and the exchange of language-teaching goals and methods.

Carlson says the Moscow workshop, which will be conducted in English, will focus on creative writing, research, historical writing and oral history. It will be taught by the participating American and Soviet educators.

The pilot program in Moscow is an outgrowth of visits by Soviet students and teachers over the past two summers to the

Huron Shores summer program. That annual program is designed for high school students and focuses on the development of research, writing and editing skills and the production of "Breakwall," an anthology of the students' writings.

In addition to Carlson, the group traveling to Moscow in March will include: educators from Delta College, the University of Michigan, the University of Nevada and the University of Wisconsin; Huron Shores staff members; and a northern Michigan newspaper editor.

Carlson, a faculty member since 1968, directs WMU's American Studies Program and is an internationally recognized expert on American culture. His research and writing have encompassed such topics as the history of mass media and sports, the history of the Olympic Games and American ethnic history.

He and John J. Fogarty of Ferris State University were co-authors of the 1988 book "Tales of Gold: An Oral History of the Summer Olympic Games Told by America's Gold Medal Winners," which was named the 1988 Olympic Book of the Year by the U.S. Olympic Committee.

Carlson also has written the scripts for and co-produced more than 100 educational tapes. In 1988 he wrote and produced the film "Images in Black and White: A Documentary Film on Racial Images in Popular Culture."

Videoconference on writing to air Feb. 27

Faculty members interested in improving student writing are invited to attend a live interactive videoconference Wednesday, Feb. 27, in 211 Bernhard Center.

Titled "Issues and Conflicts in Writing Across the Curriculum: Directions for the 1990s and Beyond," the videoconference will run from 1 to 3 p.m. It is being pre-

sented by Robert Morris College of Pittsburgh and sponsored at WMU by the Intellectual Skills Development Program.

Writing across the curriculum programs are cross-curricular programs that integrate writing into all kinds of classes.

Some of the issues to be discussed are: the purposes of writing across the curriculum programs; how effective programs have been structured, administered and funded; and vulnerable points to consider when developing and/or strengthening writing across the curriculum programs.

The videoconference will include several panel discussions by faculty members involved in writing across the curriculum programs nationwide as well as pre-taped segments featuring programs from various institutions across the country.

For more information, persons should call Lynne C. McCauley, Intellectual Skills Development Program, at 7-4411.

Ethics talk planned for Friday, Feb. 22

"Habermas' Communicative Ethics" is the title of a talk to be presented at 3 p.m. Friday, Feb. 22, in 205 Bernhard Center.

The free speech is sponsored by the WMU Center for the Study of Ethics in Society.

Rudolph J. Siebert, religion, will explore the communicative ethics of Jurgen Habermas, a German political science philosopher and social critic born in 1929.

Siebert is the director of the WMU Center for Humanistic Future Studies and of the international course on the "Future of Religion" in the Inter University Center for Post-Graduate Studies in Dubrovnik, Yugoslavia.

Zest for Life

Don't let your fitness program take a vacation during Spring Break. The Zest for Life Fitness Room will be open from 11:30 a.m. to 1 p.m. Monday through Friday, March 4-8. The "Total Fitness Aerobics" program from 12:05 to 12:50 p.m. Monday, Wednesday and Friday also will be available. All other Zest for Life classes will be cancelled during Spring Break.

Obituary

Harry A. Petty, retired from grants and contracts, died Feb. 16 in Kalamazoo. He was 70.

Petty joined the WMU staff in 1965 as a grant accountant. He was named manager of grants and contracts in 1971, and retired from that position in 1984.

An Army veteran of World War II, Petty served as president of the Kalamazoo chapter of the National Association of Accountants and as chairperson of the supervisory committee for the Southwestern State Employees Credit Union. He was active in St. Mary's Catholic Church.

Persons may make memorial contributions to the Michigan Heart Association or the St. Mary's Educational Assistance Fund.



Petty

On campus



FAMILY DYNASTY -- Dolores Condic and her family are creating a dynasty at WMU. An administrative assistant in the Department of Communication for the past five years, she has been a

WMU employee for 18 years. While working, she earned her bachelor's degree four years ago and her master's degree this past December. Four of her seven children earned their bachelor's degrees from WMU and one went on to obtain a master's degree from the University. All of her children are college graduates: one has a doctoral degree; one plans to enter a doctoral program; two have their master's degrees; and three more are on their way to master's degrees. So Condic understands the importance of an education. In the Department of Communication, she's responsible for putting together the class schedule, advising students, handling correspondence for the graduate program, assembling undergraduate and graduate handbooks and keeping tabs on the budget. She also supervises secretarial and student help. Condic says she enjoys the variety of her job. "There's always something new on the horizon," she says. "I think I have it down, when something new comes along. There's always a new challenge."

Media Services

Three new videotapes relating to women's issues have been added to the University collection in media services.

The titles are: "Women and the Corporate Game"; "Women and Stress"; and "Sexual Harassment in the Workplace." These videotapes might be helpful for

classroom use during Women's History Month in March. To arrange for a preview or playback, contact Michelle E. Dick at the Media Resource Center in Sangren Hall at 7-5072.

For other programs relating to women, check the WMU Film/Videotape Catalog under the subject heading of women's studies. For information regarding other videotapes on the market in the area of women's issues, call Sara L. Wick, media services, at 7-5001.

Libraries

The reference department of Waldo Library recently has acquired a new electronic database, the Social Sciences Index.

This standard resource, which annually indexes journal articles in 300 periodicals, is available in the print format beginning with 1907. The new compact disc version, located near the reference desk on the lower level of the Bernhard Center, indexes articles beginning with April 1983 from a variety of social science journals.

Subjects covered in this database include anthropology, economics, ethnic studies, feminist studies, geography, human services, international relations, law and criminology, police science, political science, population studies, psychology, public administration, public health, social work, sociology, urban studies and related social science subjects.

Users may search by authors or words describing their subjects. Coverage includes English language journals published in the United States, Canada and Great Britain.

This source will be useful to students and faculty doing term papers and research in a variety of social science and related disciplines. Reference staff members are available to demonstrate this new reference tool and related sources to those in the University community.

Media

Patrick M. Jenlink, educational leadership, discusses the controversy behind classroom "tracking" on "Focus," a five-minute interview produced by news services. "Focus" is scheduled to air Saturday, Feb. 23, at 6:10 a.m. on WKPR-AM (1420) and at 5:45 p.m. on WKZO-AM (590).

"The Black American Dream," a program produced by media services, will air on Kalamazoo Community Access Television Feb. 24-28. The program is a condensed version of a play written and directed by Von H. Washington, theatre. It will air at: 6:30 p.m. Sunday, Feb. 24, on Channel 30; 7:30 p.m. Tuesday, Feb. 26, on Channel 32; 6 p.m. Wednesday, Feb. 27, on Channel 31; and 6 p.m. Thursday, Feb. 28, on Channel 31.

Service

These employees are recognized for five, 10, 15, 20, 25 and 30 years of service to the University in February:

30 years -- Shirley Bach, philosophy; E. Thomas Lawson, chairperson of religion; and Paule Miller, languages and linguistics.

25 years -- Esther E. Bickle, Graduate College; Karl Kurzmann, physical plant-B/E maintenance; and Michael A. Weber, payroll.

20 years -- Edith M. Coleman-Caughill, Counseling Center; and Douglas H. Dommert, Sindecuse Health Center.

15 years -- James I. Campbell, Bernhard Center games; and Phyllis A. DeHollander, physical plant-L/G maintenance.

10 years -- Lewis D. Hamilton, accounts receivable; Carole J. Rogers, sociology; David J. Sluyter, Center for Developmentally Disabled Adults; and Christina S. Sonnevill, international affairs.

Five years -- Douglas T. Alrick, administrative data processing; Gina M. Antoniotti, Horticultural Economic Development Center; Carol J. Black, student financial aid and scholarships; Shirleemae L. Bradeen, Western's Campus Bookstore; Michael E. Byrne, Horticultural Economic Development Center; Constance L. Klemm, Medieval Institute; Ida Murry, public safety; Ruth H. Peterson, paper and printing science and engineering; Patricia A. Smith, education and professional development; Melanie K. Williams, Office of the Provost and Vice President for Academic Affairs; and Edith M. Yahr, Graduate College.

Exchange

FOR RENT -- Two-bedroom home. Completely redecorated, all new carpet and linoleum. Large backyard. Good neighborhood. \$450/month plus deposit and utilities. Call 349-2330.

FOR SALE -- 1988 Pontiac 6000. Auto, air, cloth interior, AM/FM stereo, very clean, excellent condition. \$4,250. Call 381-7639.

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) **Assistant Professor** (Tenure Track), I-30, Psychology, 90/91-327, 2/19-2/25/91.

(R) **Assistant Professor** (Tenure Track), I-30, Psychology, 90/91-328, 2/19-2/25/91.

(R) **Assistant Professor** (Temporary; 1-Year Term), I-30, Religion, 90/91-329, 2/19-2/25/91.

(N) **Assistant/Associate Professor** (Tenure Track), I-30/20, Public Affairs and Administration, 90/91-331, 2/19-2/25/91.

(R) **Assistant/Associate Professor** (Tenure Track), I-30/20, Counselor Education and Counseling Psychology, 90/91-335, 2/19-2/25/91.

(N) **Assistant Professor** (Tenure Track), I-30, Health, Physical Education and Recreation, 90/91-336, 2/19-2/25/91.

(R) **Assistant/Associate Professor** (Tenure Track), I-30/20, Paper and Printing Science and Engineering, 90/91-337, 2/19-2/25/91.

(R) **Assistant Professor** (Tenure Track), I-30, Consumer Resources and Technology, 90/91-338, 2/19-2/25/91.

(R) **Secretary III**, S-06, Paper and Printing Science and Engineering, 90/91-353, 2/19-2/25/91.

(R) **Secretary Administrative I** (30 Hours/Week; .75 FTE), S-07, Sindecuse Health Center, 90/91-354, 2/19-2/25/91.

(R) **Secretary II** (Term Ends 9/30/91; 20 Hours/Week; .50 FTE), S-05, Institute for Water Sciences, 90/91-355, 2/19-2/25/91.

(N) **Secretary III** (Term Ends 1/31/92; 20 Hours/Week; .50 FTE), S-06, Evaluation Center, 90/91-356, 2/19-2/25/91.

(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.

Calendar

FEBRUARY

Thursday/21

(thru 22) Student Employment Week.
 (thru 28) Black History Month display of pictures of historical black women achievers, outside the Space Gallery, Knauss Hall.
 (thru March 1) Exhibition, "Watercolors and Mixed Media," Judith L. Peters, Schoolcraft artist, 1240 Seibert Administration Building, weekdays, 8 a.m.-noon and 1-5 p.m.
 Campuswide blood pressure screening: Seibert Administration Building lobby, 9:30 a.m.-2 p.m.; and physical plant, 2:30-3:30 p.m.
 (thru 28) Exhibition, one-man show of paintings, Richard Keaveny, art, Gallery II, Sangren Hall, weekdays, 10 a.m.-5 p.m.
 (thru March 1) Exhibition, "Prints, Drawings and Handmade Books," by Charles Heasley, associate professor of art, State University of New York at Cortland, Space Gallery, 2700 Knauss Hall, weekdays, 10 a.m.-4 p.m.
 Summer Employment Day, ballrooms, Bernhard Center, 10 a.m.-4 p.m.
 Doctoral oral examination, "Nurse Leaders: The Relationship Between Return to School and Sex Role Traits, Family Demographics and Household Responsibilities," Mary L. Anderson, educational leadership, Tate Center, 3210 Sangren Hall, 11 a.m.
 Environmental studies lecture, "Environmental Careers," Willard Rose, executive director, Kalamazoo Nature Center, Red Room A, Bernhard Center, noon-1 p.m.
 Visiting Scholars and Artists Program panel discussion, "Reshaping the Memory of War in America," featuring Edward T. Linenthal, professor of religion, University of Wisconsin at Oshkosh, 3770 Knauss Hall, 3:45 p.m.
 University film series, "Wedding in Blood" (France, 1973), directed by Claude Chabrol, 2750 Knauss Hall, 5:30 and 7:30 p.m.
 Chinese Student Association films, 3750 Knauss Hall: "Honor Thy Father," 7-9 p.m.; and "Let's Go," 9-11 p.m.

REF grants (Continued from page one)

funding for this year will support continued efforts to assist economic development in the state by providing sound information on the quantity, quality and susceptibility of Michigan's water resources, particularly the state's ground water supply.

Richard N. Passero, director of the center, says the REF funding will support a long-term project to improve monitoring of the size and location of petroleum spills from underground storage tanks and pipelines. Earlier research has resulted in the development of a device to determine the thickness of petroleum products in the ground. That device has been patented and is being considered for marketing by a Michigan manufacturer. Good information about spill size and location, Passero says, will lead to improved recovery rates during cleanup. The petroleum spill project is under the guidance of Duane R. Hampton, geology.

A second focus of the REF supported research is the Schoolcraft aquifer project, which was initiated in 1987. The research is aimed at understanding the movement and chemical characteristics of ground water in a particular glacial drift aquifer located in the agricultural belt south of Kalamazoo. Such shallow underground water supplies are particularly vulnerable to the impact of agricultural and municipal use.

To protect the future health and economic well-being of rural populations, center researchers hope to build a knowledge base about this aquifer that will allow them to make recommendations on ways to minimize the ground water pollution potential of agricultural chemicals and to develop cost-effective methods for aquifer cleanup. The Schoolcraft aquifer project is under the direction of Alan E. Kehew, geology.

Passero is directing the center's third main project, which focuses on determin-

ing the sensitivity of aquifers in Southwest Michigan to surface contaminants. Passero's project ultimately will result in aquifer vulnerability maps that will be made available to government and industry to reduce the economic and environmental risk resulting from imprudent facility siting or chemical management practices. Toward that end, he has conducted studies of ground water contamination sites in Kalamazoo and Calhoun counties and is currently studying the ground water vulnerability of agricultural areas in Van Buren County.

A fourth project involves developing techniques for determining whether certain types of water wells have been adequately sealed to prevent contamination of ground water near the well. That project is under the direction of John Grace, geology, and William A. Sauck, Institute for Water Sciences.

Women's history tabloid to be published Feb. 27

In celebration of Women's History Month in March, a magazine titled "The History of Women in Education in Greater Kalamazoo" will be published as part of the Feb. 27 Western Herald.

This is the third year for the publication, which features articles that provide a historical look at the impact women in Southwest Michigan have made in leadership roles in education.

This year's magazine includes 14 articles by area writers, which are based on oral histories, diary selections, newspapers or library research.

Sponsors of the magazine are the Women's History and Research Network, an association of researchers from area colleges and universities and the community, and the WMU Women's Center.

Quandt elected to office

Eldor C. Quandt, chairperson of geography, has been elected vice chairperson of the board of directors of the Kalamazoo County Convention and Visitors Bureau.

He will help direct the activities and programs of the bureau, including tourism promotion and meetings and conferences development. In addition to being a member of the board, Quandt has served on the Festival Sites Committee for the Arcadia Commons project.



Quandt

Drops due March 1

The last day to drop winter semester classes is Friday, March 1. All drops must be processed in the academic records office on the third floor of the Seibert Administration Building. Hours are 8 a.m. to 5 p.m.

Friday/22

Campuswide blood pressure screening, Rood Hall lobbies and academic computer center, 9:30 a.m.-1 p.m.
 Dance showing, Dance Studio B, Dalton Center, noon.
 High Noon at Dalton, student chamber music ensembles, Dalton Center lobby, noon.
 *10th annual Issues and Opportunities for Women Conference, "Choices for Women: Personal and Professional," Bernhard Center, 7:45 a.m.-1:30 p.m.
 Center for the Study of Ethics in Society lecture, "Habermas' Communicative Ethics," Rudolf J. Siebert, religion, 205 Bernhard Center, 3 p.m.
 (and 23) "Uphome Praises: Traditional and Contemporary Gospel Minifest III," feature lectures by Thomasina Chandler, Indiana University doctoral candidate, and performances by gospel groups: 7 p.m. Friday; noon and 7 p.m. Saturday.
 Women's gymnastics, WMU vs. Michigan State University, Gary Center, 7 p.m.
 *Concert, Kalamazoo Symphony Orchestra, Miller Auditorium, 8 p.m.; free pre-concert talk, 7:15 p.m.
 *(and 23) Hockey, WMU vs. Lake Superior State University, Lawson Arena, 7:30 p.m.

Saturday/23

Haworth College of Business Day, Haworth College of Business building, 12:30-3 p.m.
 Women's basketball, WMU vs. the University of Wisconsin at Milwaukee, Read Fieldhouse, 2 p.m.
 *Performance, farewell tour of ballet star Rudolf Nureyev, Miller Auditorium, 8 p.m.

Sunday/24

Concert, University Symphonic Band, Richard J. Suddendorf, Miller Auditorium, 3 p.m.

Monday/25

Training and development seminar for supervisors, "Valuing Diversity," Doreen A. Brinson and Larry C. Scott, both human resources, 204 Bernhard Center, 9 a.m.-noon.
 Black History Month brown bag lunch, "Racist Speech vs. First Amendment Rights," R. Vincent Green, Office of the General Counsel and Vice President for Legislative Affairs, multi-purpose room, Kanley Chapel, noon-1 p.m.
 Evaluation Center sack lunch seminar, "Thoughts on Expert Systems Focused on Teacher Evaluation," Kuriakose K. Athappilly, business information systems, Evaluation Center conference room, fourth floor, Ellsworth Hall, noon.
 Kalamazoo County-Wide Drug Symposium, "Get Off the Fence . . . Make a Difference," Miller Auditorium, 6:30-9 p.m.

Tuesday/26

*Breakfast meeting for alumni and friends, "Opportunities to Excel," featuring three Medallion Scholarship winners, Fetzer Center, 7:30 a.m.
 (or 27) Program for professional/technical/administrative staff members, "What You Are is What You Choose," Morris Massey, head of Morris Massey Associates, Boulder, Colo., Fetzer Center: Feb. 26, 3-5 p.m. or Feb. 27, 10 a.m.-noon.
 Reception for minority faculty and staff, President's Dining Room, Bernhard Center, 4-7 p.m.
 Panel discussion, "The Bill of Rights: Focus on the First Amendment," District Judge James P. Coyle, Circuit Court Judge Richard Ryan Lamb, Ralph C. Chandler, political science and public affairs, and Peter G. Renstrom, political science, 3770 Knauss Hall, 7:30 p.m.
 *(thru March 1) University theatre production, "Torch Song Trilogy," York Arena Theatre, 8 p.m.

Wednesday/27

Videoconference, "Issues and Conflicts in Writing Across the Curriculum: Directions for the 1990s and Beyond," 211 Bernhard Center, 1-3 p.m.
 Retirement reception honoring Rodger H. Pruis, Bernhard Center, President's Dining Room, Bernhard Center, 2-5 p.m.
 Women's basketball, WMU vs. Ohio University, Read Fieldhouse, 5:35 p.m.
 *Men's basketball, WMU vs. Ohio University, Read Fieldhouse, 8 p.m.

Thursday/28

Doctoral oral examination, "A Comparison of Three Procedures for the Establishment of a Novel Response with Delayed Reinforcement," Jayson Wilkenfield, psychology, 283 Wood Hall, 10 a.m.
 University film series, "Umberto D." (Italy, 1952), directed by Vittorio De Sica, 2750 Knauss Hall, 5:30 and 7:30 p.m.
 *Performance, Alvin Ailey American Dance Theater, Miller Auditorium, 8 p.m.
 Faculty string recital, the Merling Trio, Dalton Center Recital Hall, 8 p.m.

*Admission charged



TRAVELING THE WORLD -- Participants in International Night Feb. 13 were able to take a world tour in a single evening. Displays on some 80 countries and information on study, travel and employment opportunities abroad were featured in the East Ballroom of the Bernhard Center. Here, from left, Tomasz E. Witkowski, a junior from Ann Arbor, talks to two WMU students from Bangkok, Thailand, Aniruth Mahathorn, a senior, and Chunika Chittarophas, a graduate student, who were wearing their native garb and displaying items from their country.