

# WESTERN MICHIGAN UNIVERSITY WESTERN NEWS

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February 25, 1993

## Pact provides access to computer integrated manufacturing

WMU students will get hands-on experience with state-of-the-art manufacturing and management tools as a result of a new partnership between the University and the IBM Corp.

Hardware, software and technical services valued at \$600,000 have been made available to the University by IBM as part of the IBM Computer Integrated Manufacturing (CIM) in Higher Education Alliance. The system, housed in the College of Engineering and Applied Sciences, will allow faculty to incorporate CIM technology into introductory through advanced level courses in engineering and management, as well as provide demonstrations and training for area industry.

"We consider WMU a business partner in this venture," says Dan Carroll, Kalamazoo area IBM manager. "We will work with the University to incorporate CIM into what WMU does in its work and to develop new ideas to implement and extend the uses of CIM throughout local industries. We're going to go through some exciting times together."

"What's unique about the IBM/WMU agreement is that we'll be incorporating CIM into our curriculum more from the management perspective," says Dean Leonard R. Lamberson, engineering and applied sciences. "Instead of an emphasis on training CIM operators, we'll be working with our colleagues in the Haworth College of Business to put knowledge of CIM capabilities into the hands of students in management and accounting as well as those in engineering."

CIM involves linking previously separate business and plant floor computer systems to improve the flow of information between the two areas and to break down the traditional physical and mental separation that exists among the various departments in a manufacturing business. Instant access and constantly updated information on a common computer system allow company personnel to successfully go from customer request for a part to delivery of the finished product. With CIM, changes and updated information are available to everyone involved in the process, from salespeople and production schedulers to plant foremen and machine operators.

The system consists of 10 workstations



**PUTTING CIM TO WORK ON CAMPUS** — Gay-Marcine Richards, left, a senior from Jamaica, chats with IBM area manager Dan Carroll, center, and Richard E. Munsterman, chairperson of industrial engineering, during a Feb. 18 open house in Kohrman Hall. The event was designed to introduce the new IBM-WMU Computer Integrated Manufacturing Management Center to area business leaders. Richards, a computer information systems major, was one of a handful of engineering and business students who demonstrated how the 10 integrated work stations in the system can take an idea from design to production on the computer-controlled milling machine to her left.

with functions that include computer-aided design, daily business operations and plant floor control. The business computer is IBM's best selling computer for mid-range businesses and is in use by hundreds of regional firms.

"Many businesses have pieces of what we have here," Carroll says, "but what is unique is the integration architecture we plan to implement. We've put together a lab to push the frontiers of our knowledge and to get experience in working with an integrated system."

The system was developed by IBM's CIM development laboratory in Boca Raton, Fla., and is designed to be used by a marketing team to demonstrate integration concepts. The WMU/IBM agreement developed after WMU faculty saw a similar system demonstrated at the company's Kalamazoo offices and began bringing as many as 150 students per semester to see the equipment and its capabilities. A series of meetings

between IBM and WMU personnel led to development of the original partnership concept. Recently, IBM officials took the unusual step of inviting WMU into its CIM alliance. Previous members were accepted into the alliance after making formal requests for support from the company.

By becoming part of IBM's CIM in Higher Education Alliance, WMU joins 85 other schools across the nation receiving various levels of support from IBM. Alliance members range from Duke, Purdue and Arizona State universities to dozens of community colleges and technical schools. As a member of the alliance, each institution gets assistance from IBM to use CIM to develop programs in keeping with the school's mission, Carroll says.

While one community college or tech-

(Continued on page four)

## Nominations needed for teaching excellence award

The WMU Alumni Association is accepting nominations for its Alumni Teaching Excellence Award through Wednesday, March 24.

Alumni, students, faculty and staff are encouraged to submit nominations for qualified full-time faculty who have been with the University for at least three years. Nomination forms that include criteria for the award are available in college and department offices or from the McKee Alumni Center in Walwood Union.

For more information, persons may call the center at 7-8777.

## Host families wanted for summer international visitors

The Council for International Programs, which brings international adult community service workers to Kalamazoo, is seeking homes and families for this year's participants. Hosts provide housing for five-week periods between May and August. For more information, persons may call Mitzi de Luca at 385-3462 or 388-3668, or Phyllis Rapoport at 381-0229 or 7-4667.

## APA plans balancing act seminars to beat the blahs

A series of three seminars is being planned by the Administrative Professional Association to help employees fight the "winter blahs."

Titled "The Great Balancing Act," the series will take place at noon in the Red Rooms of the Bernhard Center during March and April. Persons must be APA members to attend. Those who are not members may join at the door.

The dates and topics to be covered are:

- "Feeling Off Balance?" — how diet and activity can restore mental and physical equilibrium, Wednesday, March 10;
- "Balancing the Load" — how to put together a winning team and develop trust and team-building skills, Monday, March 29; and
- "Striking a Balance" — how to juggle home and work responsibilities without going crazy, Tuesday, April 13.

## Jesse Jackson Jr. to speak here as part of Minority Student Leadership Conference

Jesse Jackson Jr., a vice president of Operation PUSH, will be among the speakers at the 17th annual Minority Student Leadership Conference Thursday through Saturday, March 11-13, at the University.

The conference serves as a forum for minority students, parents, educators and university officials to discuss issues that relate directly to minority leadership within institutions of higher education.

The conference, which will take place in the Bernhard Center, is being sponsored by the Consortium for Ebony Concerns, the Division of Minority Affairs-Retention Unit and the Student Budget Allocation Committee.

The conference will begin at 8 a.m. Thursday with registration. Throughout the three days, students and faculty will present workshops that feature leadership in a variety of settings such as the church, classroom and family.

At 11:45 a.m. Thursday, Dwayne A. Walker will speak on the theme of the conference, "The Leader Within." Walker, who earned his bachelor's degree from WMU, is a dealer account manager for Lexmark Inter-

national Inc. in Lexington, Ky.

Several black fraternities and sororities will provide a step show at 8 p.m. Thursday. They will present an informational forum before engaging in their traditional stomp and chant routines.

Jackson, the son of political activist Jesse Jackson, will speak at 10:45 a.m. Friday. Also the president of "Keep Hope Alive," a political action committee, Jackson was the youngest appointed member of the Democratic National Committee.

Charles Barron, a New York City community organizer who has conducted leadership training seminars on national and local levels, will wrap up the conference with a speech at 4 p.m. Saturday.

The registration fee is \$30 for college students and \$40 for adults. High school students are invited to attend Thursday for \$7, while the cost for high school staff is \$15 for the activities on Thursday. On-site registration is an additional \$10; however, pre-registration is strongly encouraged.

For more information, persons may contact the Division of Minority Affairs-Retention Unit at 7-3323.

## Responses sought to general education report

Ellen K. Page-Robin, president of the Faculty Senate, has asked "everyone with an interest in general education" to respond to a report on a revised general education program scheduled to be distributed to all faculty members and others this week.

"I am requesting your assistance in facilitating discussion of the report among your colleagues," Page-Robin said in a letter last week to campus leaders.

The report recommends a new structure for general education requirements and criteria for courses to meet them. The senate's ad hoc Committee to Revise General Education prepared the report.

The senate will consider the report at its next meeting at 7 p.m. Thursday, March 25, in the Fetzer Center. The meeting has been rescheduled from March 11 to allow time for the University community to review and comment on the document.

As an ad hoc committee of the senate, Page-Robin said, the committee will make its recommendations directly to the senate rather than use the customary curriculum review process.

Facilitating discussion could include placing the report on a meeting agenda,

especially department and college curriculum committees, and consulting with knowledgeable persons, including senators, about how the revised program might affect existing curricula, she said.

"This broad and thorough review of the document in order to assist the senate in its deliberations is absolutely necessary," Page-Robin said, asking interested persons to send responses to the senate office, a senator or members of the committee and to attend the March 25 meeting.

"The introduction of a new general education program will, no doubt, have a significant impact on undergraduate education at the University," Page-Robin said. "The decisions we make now will become our legacy to future generations of students."

"We all share in the responsibility to serve our students well by devising the best possible academic program," she continued. "The ad hoc committee has labored diligently to transfer its vision into a workable whole."

"All that remains is for our colleagues to determine the good fit of its parts," she concluded. "Please do all you can to bring this about."





**PROFESSORS OF THE DAY** — Persons from several business firms became short-term faculty members at WMU during the Haworth College of Business' Professor of the Day Program Feb. 17. In addition to leading classes, they attended a luncheon in their honor with Provost Nancy S. Barrett and Interim Dean Lowell E. Crow, Haworth College of Business. Pictured are: (seated from left) Laura C. Kendall, senior vice president and chief financial officer for F&M Distributors Inc. in Farmington; Dorothy J. Selinger, management systems consultant for the IBM Corp. in Purchase, N.Y.; and Crow; (standing from left) Lynn K. Imus, president of the Polk Direct Group of R.L. Polk & Co. in Taylor; Barrett; U.S. District Court Judge Richard A. Enslen of Kalamazoo; and Al Lanning, vice president for national accounts at Haworth Inc. in Holland.

## Second edition of McCarty law book published

The second edition of a book that addresses the political, social, legal, regulatory and environmental issues currently affecting businesses has been co-written by a WMU faculty member.

F. William McCarty, chairperson of finance and commercial law, is the co-author of "The Legal Environment of Business." Along with John W. Bagby, professor of law at Pennsylvania State University, McCarty has updated the 22-chapter textbook. Each chapter includes text, court case excerpts, case questions and ethical and problem questions for review by business students.

There are several new features included in this edition. The second edition offers the reader new insights on such topics as computer crimes that may violate copyright and



McCarty

patent laws. In addition, the ethics coverage has been integrated into the text rather than being found at the end of chapter parts.

A new chapter about alternative dispute resolutions, emphasizing methods like arbitration and mediation to resolve conflicts, provides information of interest to business managers. The cases illustrate realistic current issues, such as the right to privacy for donors of blood when that blood is tainted with the AIDS virus.

The second edition was published by Richard D. Irwin Inc. of Homewood, Ill., and will be used in classes beginning in July 1993. The first edition of the book, published in 1990, currently is used in the WMU finance and commercial law course, "The Legal Environment."

McCarty has co-written several other textbooks including "Law and Business" and "Modern Business Law." He teaches courses on the legal environment of business and international business law in the Haworth College of Business.

## Jackson selected to serve four-year term on peer review board for NIH research division

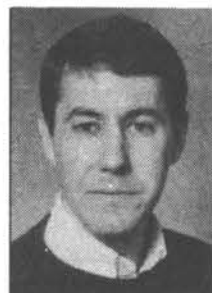
William F. Jackson, biological sciences, has been appointed to serve on a National Institutes of Health peer review board.

Jackson will serve for the next four years on the Clinical Sciences 2 Study Section of the NIH's Division of Research Grants. The study section structure is part of the primary peer review process for all grant proposals submitted to the NIH. Study section members review grant proposals and evaluate their scientific and technical merit before making recommendations on those proposals to the appropriate NIH national advisory council or board. Members also survey the status of research in their field of science.

According to Jerome G. Green, director of the Division of Research Grants, study section members are selected on the basis of their demonstrated competence and achievement in their scientific discipline as evidenced by such things as the quality of research achievements, publications in scientific journals and awards. Membership, he says, offers "a unique opportunity to contribute to the national biomedical research effort."

Jackson, a member of the WMU faculty since 1989, is a veteran researcher who has been awarded several major, multi-year grants from the NIH as well as grants from the North Atlantic Treaty Organization, the Medical College of Georgia and the Upjohn Co. of Kalamazoo. His main area of research is the microvascular system—the system of arteries, veins and capillaries that facilitates the exchange of nutrients between body tissues and blood.

Jackson has published nearly two dozen articles in a variety of professional journals and has served as an invited reviewer for such publications as the American Journal of Physiology, the Journal of Pharmacology and Experimental Therapeutics, Microvascular Research and the Journal of Vascular Research. He currently serves on the research peer review committee of the American Heart Association's Michigan affiliate and as an invited reviewer for the European



Jackson

Journal of Physiology.

Jackson earned a bachelor's degree in zoology and master's and doctoral degrees in physiology, as well as a second master's degree in mathematics, all from Michigan State University. He held postdoctoral fellowships at MSU and the University of Virginia and, before coming to WMU, he was a member of the faculty of the Medical College of Georgia's School of Medicine and School of Graduate Studies.

## Video on sculptures available

A 15-minute videotape of WMU's Sculpture Tour Program is now available for faculty members to use in their classes.

Produced by media services, the video features the 11 sculptures by professional artists installed on campus last summer. The artwork is on loan to WMU for the year-long exhibit.

The video also will be shown on Kalamazoo Community Access Television at these times: 7:30 p.m. Monday, March 1, on Channel 31; 8 p.m. Tuesday, March 2, on Channel 32; 7:30 p.m. Wednesday, March 3, on Channel 30; and 7:30 p.m. Sunday, March 7, on Channel 32.

For more information, persons may contact Carol H. Rhodes, art, at 7-2433.

## Gary Center hours set

The Office of University Recreation Programs and Facilities has announced its schedule over spring break and during upcoming construction.

Crews are working on the roof of the intramural gym (large gym) in the Gary Center through Thursday, March 4. All basketball courts except for number 1 will be available. The Gary Center small gym will be closed Monday through Wednesday, March 1-3, for asbestos abatement. Persons entering the Gary Center will need to go through the asphalt area to access the other gyms.

The Gary Center will close at 5 p.m. Friday, Feb. 26, and remain closed until 8 a.m. Monday, March 1. Hours from March 1-5 will be 8 a.m. to 5 p.m. The center also will be closed Saturday and Sunday, March 6-7.

The weight room and fitness room will be open for students, faculty and staff from 11:30 a.m. to 1 p.m. March 1-5. Gabel Pool will be closed during spring break.

## Ambitious Shakespeare Festival will feature events spanning three months

A celebration of the works of English playwright and poet William Shakespeare is planned at the University for March 11 through May 22.

The fourth annual WMU Shakespeare Festival will feature lectures, demonstrations, discussions, performances and workshops. Of special note this year will be the festival's first production, "Women of Will," according to Thomas E. Small, English, who is organizing the celebration.

Subtitled "The Warrior Woman: From Violence to Negotiation," the production will take place at 8 p.m. Thursday through Saturday, March 11-13, at York Arena Theatre. For tickets, persons should call 7-6222. Presented by Tina Packer and Jon Epstein of Shakespeare & Company, this performance will feature some of Shakespeare's most powerful female characters. It will trace the playwright's evolving vision of women and their struggle with men for power.

Formed in 1978, Shakespeare & Com-

pany has staged 21 Shakespeare productions at The Mount in Lenox, Mass., and has toured 11 states and Canada. Actors Richard Dreyfuss and Sigourney Weaver are among the hundreds of artists who have participated in the company's training programs.

Three lecture/demonstrations are scheduled for Monday, March 15, and will be facilitated by members of Shakespeare & Company. "Speaking Shakespeare: Words, Breath and the Sound of Who We Are" is scheduled for 9 a.m. at York Arena Theatre. "Passionate Discourse in a Little Room: Shakespeare's Sonnets" is set for 2:15 p.m. in 3750 Knauss Hall. "Living Shakespeare: Why Stay Poor in a Hollywood World?" will take place at 8 p.m. on the 10th floor of Sprau Tower.

The next event during the festival will be open rehearsals of a University Theatre production at 7 p.m. Tuesday and Wednesday, March 16-17, in the Oakland Recital Hall. Participants will have an opportunity to observe D. Terry Williams, chairperson of the theatre, direct student actors through scenes from Shakespeare's "Julius Caesar."

WMU theatre students also will perform scenes from a variety of Shakespeare's plays at two other events. At 4 p.m. Wednesday, March 17, in 1114 Brown Hall, students will demonstrate stage combat techniques. At 3:30 p.m. Monday, March 22, in 3750 Knauss Hall, they will lead a demonstration titled, "Sex, Politics and Shakespeare."

Lynn Redgrave, daughter of the famous Shakespearean actor Sir Michael Redgrave, will play 20 Shakespearean roles in "Shakespeare For My Father." Redgrave will perform this one-person show at 8 p.m. Saturday, March 27, at Miller Auditorium. For tickets, persons should call 7-2300.

"Marriage Italian Style," a readers theatre, will be presented at 2 p.m. and at 4:15

p.m. Sunday, March 28, in 1109 Dalton Center. A cast of faculty members under the direction of Robert L. Smith, communication, will perform scenes from "As You Like It," "Much Ado About Nothing" and "The Taming of the Shrew."

David Bevington, a faculty member at the University of Chicago and an expert on Shakespeare in performance, will lead two sessions on Monday, March 29. He will present a workshop/discussion titled "Shakespeare's 'Julius Caesar': Staging Possibilities" at 3:30 p.m. on the 10th floor of Sprau Tower. He also will lecture on "Political Ironies in 'Julius Caesar'" at 8 p.m. in 3770 Knauss Hall.

Bevington spoke at WMU's Shakespeare Festival in 1991. He has edited Scott Foresman's "Collected Shakespeare" and Bantam's editions of Shakespeare's plays and poems. His most recent book, "Shakespeare's Language as Gesture," analyzes Shakespeare's language in terms of the cues it provides to actors for gestures.

The University Theatre's production of "Julius Caesar" will run from Thursday through Sunday, April 1-4, and Wednesday and Thursday, April 7-8, in Shaw Theatre. Curtain time is 8 p.m. April 1-3 and 7-8, and 2 p.m. April 4. For tickets, persons should call the Shaw Theatre ticket office at 7-6222.

The WMU Collegium Musicum will perform music by William Byrd, an English composer of Shakespeare's time, at 8 p.m. Sunday, April 4, in the Dalton Center Recital Hall. For ticket information, persons should call 381-6705.

The Whole Art Theatre of Kalamazoo will present a television production titled "Alternative Shakespeare: Unusual Approaches" in connection with the festival. Kalamazoo Community Access Cable Chan-

nel 33 will air the show at: 8 p.m. Friday and Saturday, April 16-17; 10 p.m. Sunday, April 18; and 9:30 p.m. Thursday, April 22.

The final event of the festival will be a student production of "The White Devil," a play by John Webster, one of Shakespeare's contemporaries. This 1612 tragedy will be directed by Jamie Daniels and will take place at 8 p.m. Thursday through Saturday, May 20-22, in York Arena Theatre. Daniels, a senior majoring in theatre, is from Kalamazoo and his project is supported by the WMU Undergraduate Research and Creative Activities Fund.

WMUK-FM (102.1), the University's public radio station, will broadcast the March 28 readers theatre at 8 p.m. Sunday, April 25, as well as other interviews and Shakespearean programs during the festival. For a WMUK-FM program guide, call 7-5715.

All events are free except for those where telephone numbers for ticket information are provided.

The Shakespeare Festival was established by Katharine D. Rogers, emerita in English, in memory of her husband, Frederick J. Rogers, who was the chairperson of the Department of English from 1956 to 1966. Rogers, who died in 1984, taught courses on Shakespeare and conducted research on him in England.

Other sponsors include the Department of English, the Irving S. Gilmore Foundation, Andersen Consulting, the College of Arts and Sciences, the Cultural Events Committee, the University Theatre Guild, the Department of Theatre, the Plaza Arts Circle, the Department of Communication, Jeffrey R. and Susan K. Smith and Robert L. and Carol Payne Smith.

For more information, persons may call the Department of English at 7-2572.

### WESTERN MICHIGAN UNIVERSITY WESTERN NEWS

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## CRT offers lunches served in tropical paradise

University crowds can now set their sails for an uncharted desert isle for lunch on campus.

"Gilligan's," a restaurant operated by students from the Department of Consumer Resources and Technology, will be open for lunch from 11:30 a.m. to 1 p.m. Tuesdays and Thursdays through April 16 in 3004 Kohrman Hall. The restaurant's name comes from the old television show "Gilligan's Island" and is designed to reflect a tropical theme.

A takeout window featuring sandwiches and salads also is open from 11 a.m. to 12:30 p.m. Tuesdays and Thursdays through April 16.

This is the sixth year of operation for the popular restaurant that is designed to give students in food service and interior design programs an opportunity to gain required and practical experience for their future pro-

fessions. The food is prepared and served by dietetic and food service majors enrolled in a "Quantity Foods" class taught by Donna R. VanWestrienen, consumer resources and technology.

The decor is the product of senior studio interior design students, who decided on the decorating theme, constructed the props and arranged the room to comply with the desired atmosphere. The design students worked under the guidance of Mary Jo Peterson, consumer resources and technology.

The luncheon menu varies daily but the selection includes homemade soups and salads as well as chicken, turkey and fish entrees. Reservations are required because of limited seating. To make reservations or for more information, persons may call the Department of Consumer Resources and Technology at 7-3704.

## Lyons to explore ethical dimensions of teaching

The ethical encounters teachers face each day in school will be explored in a lecture Tuesday, March 9, at the University.

Nona Lyons, director of teacher education at Brown University, will speak at 7:30 p.m. in 2302 Sangren Hall. She will discuss "The Unexpected Ethical Dimensions of Teaching: Stories Teachers Tell in Portfolio Interviews."

Lyons' research has focused on how individuals negotiate and construct meaning in the ethical conflicts they encounter in their lives. Her lecture will draw upon data gathered in interviews with both new and experienced teachers.

In addition to a study of teachers' professional growth and development, Lyons' work has involved a study of adolescent girls' education and development at a private girls' school and a study of the ethical conflicts of managers. She is the author of

many articles on moral psychology and moral development, as well as the co-editor of "Making Connections: The Relational Worlds of Adolescent Girls at Emma Willard School."

The free lecture is being sponsored by WMU's Center for the Study of Ethics in Society.

## No News published next week

There will be no *Western News* published Thursday, March 4, due to spring break. The next *News* will be published Thursday, March 11. The deadline for that issue is noon Tuesday, March 9.

## Human resources

### Learning to value diversity

Working in our University's diverse, multi-cultural workforce can be interesting and exciting, but challenging. Learn how to accept the challenge and gain a better understanding of persons whose racial and ethnic background are not the same as yours in "Valuing Diversity," a training and development seminar open to all non-supervisory employees. The session will run from 9 a.m. to noon Wednesday, March 10, in 204 Bernhard Center.

Presenter Doreen A. Brinson, human resources, will use videos and discussions to focus on areas that challenge self-awareness and skill. She will highlight techniques for dealing with differences that will increase appreciation for working with diverse employees.

To register for this seminar, call Doris J. Moore, human resources, at 7-3620.

### MPERS pre-retirement meetings set

The Michigan Public School Employees Retirement System (MPERS) is planning pre-retirement informational meetings in Berrien and Kent counties next month. They are scheduled for 4:30 p.m. Thursday, March 4, in Conference Room A of the Berrien County ISD Building, 71 St. Joseph Ave. in Berrien Springs, and at 2 p.m. and 4:30 p.m. Thursday, March 25, in the Rogue Room of the Kent Educational Center, 2930 Knapp

Delray Beach, Fla. She was 81.

A member of the WMU education faculty from 1952 until 1976, Swickard dedicated her life to the education of young children. She played a key role in establishing teacher education programs in early childhood education and the integrated arts, which served as developmental models for the state Department of Education. She was a driving force behind the Head Start Program in Michigan.

She also was instrumental in the initial organization of WMU's preschool, which was started in 1971 by the Associated Women Students. The school was renamed the Sara Swickard Preschool in 1976 in honor of her contributions to its success.

Before joining the WMU faculty, Swickard taught in the Cleveland Public Schools and was director of the preschool division at the University of Hawaii. She earned her bachelor's, master's and doctoral degrees from Ohio State University.

Memorial contributions may be made to the Sara Swickard Preschool.

## On campus

### SETTING THE COMPUTER TIMETABLE

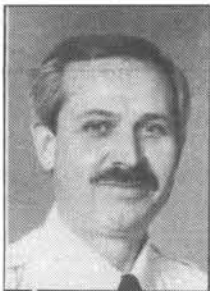
When Gaylene Luhman began working in the field of data processing, she spent much of her time keypunching cards that were fed into a computer. Today, she handles everything from scheduling to trouble shooting from a monitor on her desk. A production control analyst in University computing services, Luhman works with clients who need to run jobs on the administrative computer. She deals primarily with running accounting reports and printing faculty, staff and student checks for the payroll department. She works with a scheduling software package that enables her to monitor the

jobs from start to finish as well as to locate errors if there are problems running programs. "I can schedule up to a week's worth of work at a time to run on the computer," she says. She works with clients to schedule their jobs, answer their questions, give them status reports and inform them of policies and procedures. "I enjoy the challenge and responsibility of working with University clients — of sticking with them to make sure everybody's happy," says Luhman, who has worked at the University since 1981. In her spare time, Luhman likes to walk and participate in aerobics. During the warmer months, she enjoys spending time with her family on their boat in South Haven.



## Brown graduates from FBI National Academy Program

Robert J. Brown, public safety, has graduated from the FBI National Academy Program at Quantico, Va.



Brown

The program provides an intensive 11-week series of courses in advanced investigation, management and fitness training. FBI Academy staff members, special agents and other FBI staff members conduct the courses, many of which are accredited by the University of Virginia.

"This program is internationally known for its academic excellence," said Lanny H. Wilde, public safety. "It's a significant honor that Bob Brown was able to participate."

Brown's class included 248 men and women from 49 states, the District of Columbia, Puerto Rico, six military organizations, two federal civilian agencies and 22 other countries, including Hungary. This was the first time a representative of an East European nation participated.

## Obituaries

Edward M. Jacomo, who joined the faculty in the Department of Art this past fall, died Feb. 22 in Ann Arbor. He was 51.

Formerly the headmaster at Friends School in Detroit, Jacomo was honored in November with the Arts in Education Award in the 1992 Governor's Arts Awards competition. The award is given to an institution or individual who has provided extraordinary leadership and creativity in advancing the cause of arts education in Michigan schools.

Jacomo also served as a consultant to the U.S. Department of Education and as head of the creative and performing arts department at University Liggett School in Grosse Pointe. In addition, he taught at the University of Connecticut and the Principal's Center at Harvard University.

He earned his bachelor's degree from the University of Florida, his master's degree from the University of Maryland and his doctoral degree from Fordham University.

Sara R. Swickard, for whom the preschool on campus is named, died Feb. 22 in

N.E. in Grand Rapids.

Topics for discussion will be the highlights of the retirement system; how to compute a monthly pension; benefits available to survivors; requirements to receive a pension; how to apply for a pension; how to earn service credit; how to buy additional service credit; and health, dental, vision and hearing insurance coverages. There also will be a question and answer period.

All public school employees are invited to attend. There is no charge. Those planning to retire within the next two years are particularly encouraged to attend. Questions about those meeting should be addressed to Ana Archer at the MPERS central office in Lansing at (517) 322-6000.

### Employee tax-sheltered investment options available

Have you been wondering how your retirement investments are doing, or if you can afford to start a tax-sheltered retirement fund and how to do it? For those who have previously established tax-sheltered accounts, some of your questions were recently answered by the annual year-end comparison performance statement prepared by SDM&G and mailed to you Feb. 1.

SDM&G Investment Advisory Services have provided the information for measuring the performance of the University's TIAA-

CREF retirement funds and Fidelity and Calvert 403(b) supplemental retirement investment options. All of these vehicles are available to WMU faculty and staff.

The data have been separated into various investment-type categories that show each fund's beginning date (date of inception), assets and year-to-date, one-year, three-year, five-year and 10-year performance history. At the end of each category, a national index for that type of investment is shown for comparison purposes.

Right now is the best time to start saving for retirement. And the good news is that because the University contracts with SDM&G Investment Services, 244 N. Rose St., their help is available at no cost to all WMU employees. There are no front-end or back-end load fees, and you pay no broker's commission.

The University accounts, formerly serviced by LeeAnn Jasperse, are now being handled by consultants Pam LaBelle and Jane Brady-Ertz. They are ready to help you learn how to increase the money you want to have for retirement, and they will explain the differences between growth funds, bonds, money market funds and other investment possibilities you've wondered about. For copies of the performance tables or for an appointment, call SDM&G at 343-0653.

## 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) **Director, University Recreation Programs and Facilities**, P-07, University Recreation Programs and Facilities, 92/93-293, 2/23-3/2/93.

This faculty position has been authorized for search and applicants are being recruited

by the department named.

(R) **Assistant Professor** (Tenure Track), I-30, Education and Professional Development, 92/93-290.

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. Due to spring break, there will be no job postings March 2-8.

(N) New

(R) Replacement

WMU is an EO/AA employer

## Media

Two faculty members will be guests in the coming weeks on "Focus," a five-minute interview produced by news services. "Focus" is scheduled to air on these Saturdays at 6:10 a.m. on WKPR-AM (1420) with the following speakers and topics: Jay D. Lindquist, marketing, on ethnic marketing, Feb. 27; and Carolyn V. Lewis, political science, on the role of first ladies, March 6.

## Exchange

**FOR SALE** — 1987 Mercury Cougar LS. 3.8-liter V-6 engine, good shape, highway miles, maintenance record available. \$2,600 or best offer. Call 327-0010.



# Calendar

## Thursday, February 25

(thru March 5) 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.  
(and 26) Exhibition, Western Michigan chapter of the American Institute of Architects traveling 1992 awards, interior design resource center, 3008 Kohrman Hall, 8 a.m.-9 p.m.  
(and 26) Exhibition, BFA show in printmaking by Joe Freye, South Gallery, student art gallery, East Hall, 10 a.m.-5 p.m.  
Master class, cellist Gustav Rivinius, Dalton Center Recital Hall, 2 p.m.  
Retirement reception honoring Gary L. Belleville, student employment referral service, President's Dining Room, Bernhard Center, 3-5 p.m.  
Computer science colloquium, "Rate-Optimal Loop Scheduling," Edwin Hsing-Mean Sha, University of Notre Dame, 3460 Dunbar Hall, 4 p.m.; refreshments, 3:45 p.m.  
International affairs lectures by Vincent Panikulangara, Indian scientist, economist and lawyer: "New World Order Economics and Human Rights," 3020 Friedmann Hall, 4 p.m.; and "Global Impact of the Collapse of Communism," Lee Honors College, 7 p.m.  
Open forums, Committee to Advise the President on Priorities in the Academic Areas, 5-7 p.m.: "How Do We Enhance the Character, Reputation and Perception of WMU?," Lee Honors College Lounge; and "Is Our Infrastructure Compatible With Our Academic Programs?," 1030 Lee Honors College.  
Student recital, Robert White, trumpet, Dalton Center Recital Hall, 5 p.m.  
Student recital, Amy Statz, mezzo-soprano, Dalton Center Recital Hall, 8 p.m.  
\*(and 26) University Theatre production, "The Bacchae of Euripides," Shaw Theatre, 8 p.m.

## Friday, February 26

Last day to drop winter semester classes, academic records office, third floor, Seibert Administration Building, 8 a.m.-5 p.m.

## Davidson edits book on medieval musical drama

A medieval period musical drama that illustrates good vs. evil and also includes a social message of women helping other women has been analyzed and edited for publication by a WMU faculty member.

Audrey J. Davidson, music, is the editor of a book titled "The Ordo Virtutum of Hildegard of Bingen: Critical Studies." The publication provides a discussion of the original manuscript of a 12th century music drama written by Hildegard of Bingen, a composer and mystic of that period. It is published by WMU's Medieval Institute Publications.

According to Davidson, Hildegard von Bingen was one of the most influential women of the 12th century and was a powerful personality in church and politics. She was founder and abbess of her convent at Eibingen, located in Germany between Frankfurt and Wiesbaden on the Rhine River.

Scholars, including Davidson, consider her music drama "Ordo Virtutum" one of the best of the medieval period. Davidson says the music drama is remarkable not only because it is by a woman, but also because it is not anonymous. Most of the music dramas of the medieval period, she explains, are by unnamed monks.

"The story of the Virtues battling the Vices is a familiar one in the Middle Ages," Davidson says. "Hildegard von Bingen's drama differs from the familiar ones in that there is only one Vice, the Devil. The drama relates how the Virtues, personified as feminine, overcome evil.

"In the plot, the Soul, also personified as female, falls into the evil hands of the Devil," she explains. "He takes the Soul and leads her astray.

"The Virtues — representing such good human qualities as mercy, grace, truth, humility and modesty — rescue the Soul and place her back on the path of righteousness.

## CIM (Continued from page one)

nical institute may use CIM to train plant operators, another might apply CIM to a particular engineering specialty. WMU's approach will focus on exposing future management personnel to the advantages of a computer system that can link all company departments — from design and engineering to manufacturing, marketing and business planning.

The CIM system at WMU will be housed in Kohrman Hall in the Center for CIM Management, says Richard E. Munsterman, chairperson of industrial engineering. A team of faculty members from the Haworth College of Business and from the College of Engineering and Applied Sciences has been working to integrate use of CIM technology into both colleges' curricula.

"Our general focus will be to train people to be managers of these systems, to do research on their use and on how to integrate CIM into instruction," Munsterman says.

The CIM system at WMU also will be used by IBM and the University to demonstrate the system's capabilities to area manufacturers through a series of on-campus seminars and workshops.

To keep her safe from the Devil, they capture and bind him, thus assuring a happy ending to the play.

"The drama might be described as a story of women helping other women," she says.

In order to achieve a definitive version of "Ordo Virtutum," Davidson first studied a microfilm of the manuscript of the drama. Her work culminated in a publication of the drama itself by Medieval Institute Publications in 1985.

In 1990, she received a University grant to travel to Wiesbaden, Germany, to examine the manuscript in the city's provincial library. Davidson's new book includes facsimiles of the manuscript pages.

In 1984, Davidson prepared a musical score of "Ordo Virtutum" based on preliminary studies for use in a performance under her direction by the Society for Old Music. The presentation was staged before local audiences and a group of medievalists attending the International Congress on Medieval Studies conducted at WMU each year.

The new book contains Davidson's analysis of the music drama, as well as a chapter by her husband, Clifford O. Davidson, English and medieval studies, on the performance of the play with reference to the 1984 stage production.

Other sections include studies by: Robert Potter, professor of dramatic arts at the University of California at Santa Barbara, on the morality structure of the play; Pamela Sheingorn, professor of art at the City University of New York's Baruch College, on the drama's liturgical placement in the initiation ceremony for new nuns at Hildegard's convent; Julia B. Holloway, professor emerita of medieval studies at the University of Colorado, on the monastic background; and Gunilla Iversen, of the Institute for Classical Languages at the University of Stockholm in Sweden, on the drama's poetic technique.

## Workers invited to join home building trip to Nicaragua

Area students and others interested in helping to provide adequate shelter for Third World persons are encouraged to join the WMU Habitat for Humanity chapter's Global Village home building trip to Nicaragua April 26-May 8.

The trip, open to 15 persons, will provide an opportunity to learn about the Nicaraguan reality, tour some areas of the country and share in the life and faith of the people of Nicaragua while working along side them in building a Habitat home.

The cost of the trip is \$900. While those with construction abilities are encouraged to participate, no special skills are required.

In April 1992, 13 persons from the WMU Habitat chapter went to Nicaragua and returned to share their experiences with the Kalamazoo community. Several Kalamazoo businesses donated building materials, and other people sponsored students by helping them meet the expenses of the trip.

For more information about the trip, persons may contact the Rev. Donald Van Hoeven in Kanley Chapel at 7-2496.

\*Entrepreneur's Day conference, Fetzer Center, 8:30 a.m.-4 p.m.; call 7-4174 to register.  
Psychology colloquium, "Psychology and Public Health," Wayne Fuqua, psychology, 3760 Knauss Hall, 4 p.m.

\*Hockey, WMU vs. the University of Notre Dame, Lawson Arena, 7 p.m.

\*Concert, Kalamazoo Symphony Orchestra, Miller Auditorium, 8 p.m.

## Saturday, February 27

Women's gymnastics, WMU vs. Central Michigan University, Gary Center, 1 p.m.

\*Hockey, WMU vs. Lake Superior State University, Lawson Arena, 7 p.m.

\*Performance, "Carmen," New York City Opera National Company, Miller Auditorium, 8 p.m.

## Sunday, February 28

\*Concert, Peter, Paul and Mary, Miller Auditorium, 7 p.m.

## Monday, March 1

(thru 7) Spring break.

## Tuesday, March 2

\*Breakfast program for WMU alumni and friends, "Behind the Scenes of a 21st Century Library," Bettina S. Meyer, assistant dean for resources, University libraries, Waldo Library, 7:30 a.m.

## Wednesday, March 3

Meeting, Clerical/Technical Organization, Red Room C, Bernhard Center, noon-1 p.m.

Women's basketball, WMU vs. the University of Toledo, Kellogg Arena, Battle Creek, 5:30 p.m.

\*Men's basketball, WMU vs. the University of Toledo, Kellogg Arena, Battle Creek, 8 p.m.

\*Performance, Skitch Henderson and the New York Pops, Miller Auditorium, 8 p.m.

## Sunday, March 7

Women's gymnastics, WMU vs. Bowling Green State University, Gary Center, 2 p.m.

## Monday, March 8

(thru 31) Exhibition, mixed media paintings by Al Hinton, professor of art, the University of Michigan, and student show juror, Gallery II, Sangren Hall, weekdays, 10 a.m.-5 p.m., and Space Gallery, Knauss Hall, Mondays thru Thursdays, 11 a.m.-4 p.m.

(thru 12) Exhibitions, student art gallery, East Hall, 10 a.m.-5 p.m.: Rotunda Gallery, MFA show in painting by Linda Hartman; South Gallery, BFA show in sculpture by David Smith.

## Tuesday, March 9

Doctoral oral examination, "The Effect of Test Sophistication on 10th Grade Students' Michigan Educational Assessment Program Scores," Iris Williams, educational leadership, 3310 Sangren Hall, 9 a.m.

Geology seminar, "Natural Fracture Characterization and Its Relationship with Permeability in Ekofisk Field, Norwegian Sector, North Sea," Helen Farrell, senior geologist, Phillips Petroleum Co., Bartlesville, Okla., 1118 Rood Hall, 3 p.m.

Center for the Study of Ethics in Society lecture, "The Unexpected Ethical Dimensions of Teaching: Stories Teachers Tell in Portfolio Interviews," Nona Lyons, director of teacher education, Brown University, 2302 Sangren Hall, 7:30 p.m.

## Wednesday, March 10

Training and development seminar, "Valuing Diversity," Doreen A. Brinson, human resources, 204 Bernhard Center, 9 a.m.-noon.

Administrative Professional Association professional development seminar, "Feeling Off Balance?," Red Rooms, Bernhard Center, noon.

Biological sciences seminar, "Recent Developments in Immunology With Regard to Vaccine Development," Richard Wardley, the Upjohn Co., 5270 McCracken Hall, 4 p.m.

College of Education research colloquium, "Bulimia: Prevalence in Fashion Merchandising Majors at Western Michigan University," Nancy H. Steinhilber, consumer resources and technology, and Elaine L. Phillips, Counseling Center, 2308 Sangren Hall, 4 p.m.

\*Guest jazz artist recital, Clare Fischer, piano, Dalton Center Recital Hall, 8 p.m.

## Thursday, March 11

\*(thru 13) 17th annual Minority Student Leadership Conference, Bernhard Center, all day.  
Geography lecture, "SCUDgery: Time-Critical GIS and the 'Counter SCUD' Campaign During Desert Storm," Michael Rip, Department of Geography, Michigan State University, 338 Wood Hall, noon.

Graduate College writing workshop for the preparation of doctoral dissertations, specialist projects and master's theses, Graduate College conference room, Seibert Administration Building 3-4 p.m.; call 7-3569 to register.

University film series, "Tatie Danielle" (France, 1990), directed by Etienne Chatiliez, 3750 Knauss Hall, 6 and 8:30 p.m.

Art slide lecture on his work, Al Hinton, professor of art, the University of Michigan, and student show juror, 2302 Sangren Hall, 7 p.m., reception following in Gallery II.

Guest artist recital, Jeannie Hennis, trombone, Dalton Center Recital Hall, 8 p.m.

\*(thru 13) WMU Shakespeare Festival production, "Women of Will," Shakespeare & Co., Lenox, Mass., York Arena Theatre, 8 p.m.

\*Admission charged



**WELCOME TO WMU** — Richard A. Wright, center, the new associate vice president for academic affairs, was officially welcomed to campus during a Feb. 19 reception at the Gilmore House. Greeting him at the event were Provost Nancy S. Barrett and Dean Douglas P. Ferraro, arts and sciences. Wright came to the University Feb. 1 from the University of Oklahoma Health Sciences Center in Oklahoma City, where he was director of the Biomedical and Health Care Ethics Program.