



WESTERN MICHIGAN UNIVERSITY

WESTERN NEWS

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January 6, 2000

\$9 million in virtual manufacturing software will boost engineering research, student experience

WMU engineering students are starting the winter semester this week armed with nearly \$9 million in virtual manufacturing software that will allow them to go from design to actual product assembly without ever leaving the classroom.

Tecnomatix Technologies Inc. of Novi, Mich., an international supplier of manufacturing systems software for many of the world's leading manufacturers, has awarded 30 work stations of its Enterprise Manufacturing Solutions to the Department of Industrial and Manufacturing Engineering. Each is equipped with five of the firm's leading software solutions. The software is valued at \$8.96 million.

The arrangement marks the first partnership of this size between the firm and any college or university in the nation. It will mean WMU engineering students will have unparalleled access to manufacturing engineering software currently in use in the automotive, aerospace, electronics, robotics and utilities industries. It also will mean faculty members will have increased research capabilities in key manufacturing areas.

"Our purpose is to create an awareness for Tecnomatix and our solutions in the academy and to help the University provide training in the technology that we believe will play a key role in students' future roles in industry and research," says Eli Dahan, director of marketing for Tecnomatix. "We are working with several other universities around the nation to help them integrate this technology into their programs, but our contacts at WMU have been the most enthusiastic and proactive so far and we have approved all of their software requests. We believe WMU will

serve as a model for other institutions as they use this technology for education and research."

"Public/private partnerships such as this enable us to acquire the kind of expensive, cutting-edge technology that sets our programs and their graduates apart from those of other universities," says President Elson S. Floyd. "In addition, such infusions of technology allow our faculty and student researchers to engage in research that can return dividends to private industry."

The Tecnomatix Enterprise Manufacturing Solutions that have come to WMU as part of the award are VALISYS, DYNAMO, ROBCAD and ROBCAD Arc, SIMPLE++, and PART. They provide manufacturing simulation with three-dimensional visualization effects for processes that include design of manufacturing plants, work cells and assembly lines; design and verification of product assembly, packaging and maintenance processes; computer-aided engineering of manufacturing processes such as arc-welding; and the definition, prediction and analysis of manufacturing tolerances.

"These software solutions will dramatically increase instructional and research capabilities in the area of virtual manufacturing within the College of Engineering and Applied Sciences," says Tarun Gupta, industrial and manufacturing engineering, who developed the agreement with Tecnomatix. "There are endless possibilities for the use of computers to train engineers in the kind of decision-making skills needed in manufacturing. These software products open those possibilities to our students."

Gupta, who is director of the college's

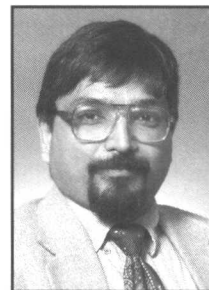
Computer-Integrated Manufacturing Laboratory, says industry also will benefit from the arrangement because the existence of

the software on campus will significantly increase capacity for conducting industry-sponsored research and allow the University to offer seminars and training sessions on the state-of-the-art production tools in a virtual environment. Michigan industry also will have, for the first time, access to young engineers who graduate with experience in the use of such technology.

Since word of the new software started to spread in the fall, Gupta notes, students have been inquiring about whether the new products are installed and ready for them to use. Many, he says, are eager to become fluent in use of the software before they graduate. And some employers who have become aware of the development also have begun making inquiries about hiring graduates who have experience with the products.

"We had not even started to use this in our classes when I started receiving calls from people wanting to know how soon they can hire students with experience in this technology," Gupta says. He notes that two of the products were installed and ready for use by a graduate class in the fall.

(Continued on page four)



Gupta

MLK celebration set for Jan. 17-21

Economic power and social justice are key issues to be explored during the University's week-long 2000 observance of the birthday of the late Martin Luther King Jr. Jan. 17-21.

The celebration includes the annual all-University convocation at 7 p.m. Monday, Jan. 17, in Miller Auditorium. The event, which is open to the public, represents a celebration of the life and work of King, who died in 1968 at the hands of an assassin. It includes speakers, two gospel choirs, WMU's Gold Company II vocal jazz group and dance presentations.

Speakers will include President Elson S. Floyd, WMU alumna Barbara Lett Simmons of Washington, D.C., and William Santiago-Valles, director of WMU's Institute for the Study of Race and Ethnic Relations.

Other major events include a commemorative march, a discovery day for area K-8 students, a student festival and a lock-in as well as an MLK speech contest. In addition, University colleges, offices and departments will present a variety of special programs throughout the week.

This year's theme is "Looking Back, Moving Forward: Economic Power and Social Justice from a Global Perspective." It was selected by the Faculty Senate's MLK Committee, which is chaired by Trudy Cobb, dance.

"We're very excited about this

(Continued on page four)

Chase and Gambino win teaching excellence awards, will be honored at Feb. convocation

Faculty experts on shoreline erosion and food marketing have been recognized by University alumni for their outstanding teaching and their commitment to the success of their students.

Ronald B. Chase, geosciences, and Frank M. Gambino, marketing, are the recipients of 1999 Alumni Teaching Excellence Awards from the WMU Alumni Association. They will be honored Tuesday, Feb. 8, during WMU's annual Academic Convocation, scheduled for 3 p.m. in the Dalton Center Recital Hall.

Chase, who came to WMU in 1973, and Gambino, a faculty member since 1984, join more than 125 other WMU faculty members who have received the award since it was established in 1966. An association committee selects recipients from nominations by alumni, students, former students and colleagues. Each recipient receives a plaque and a \$2,000 cash award.

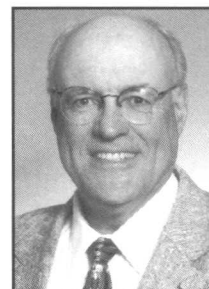
Nominators singled out both faculty members for their commitment to teaching and the success of their students as well as their professional expertise.

One former student described Chase's classes as "challenging" and "stimulating." Another declared that "he makes geology fun and interesting, in part because he is so interested in it himself." A third praised his

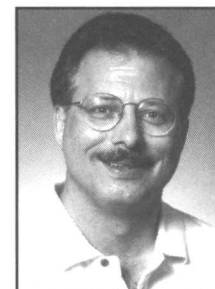
"thorough knowledge of his field and his adept, bubbling interest in what he teaches."

A faculty colleague praised Chase for his involvement in his students' learning, adding that he exhibits "those ideals that mark an effective teacher." Another colleague noted that his courses "are exceptionally well orchestrated."

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Chase



Gambino

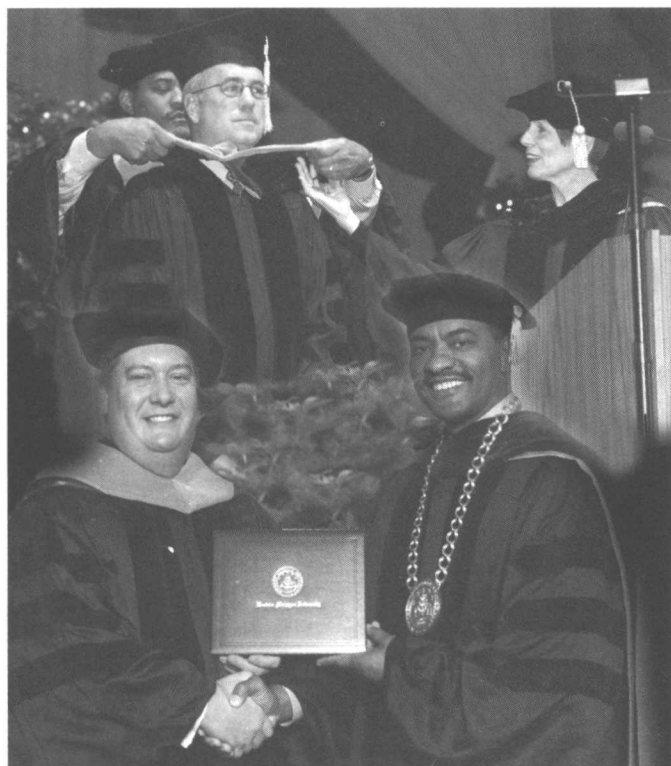
Rollover ends Y2K jitters

The University completed a successful rollover into the 21st century earlier this week, with all major physical plant and computing systems fully operational and ready for the start of the winter semester.

University offices opened Jan. 3, as scheduled, and classes began Jan. 5.

"I am delighted that the transition went so smoothly," says Viji Murali, vice president for information technology and chief information officer. "The years of planning, testing and remediation by our Year 2000 Project teams ensured a successful rollover into the new year."

Murali says information technology personnel will continue to work with the University community to address any Y2K issues that may surface in the coming weeks and months.



Pomp and more than a little circumstance

It was traditional commencement pomp when the University honored the circumstances and accomplishments of two of its own Dec. 12 by awarding them honorary doctor of public service degrees. TOP: Veteran ABC national broadcast journalist James P. Hickey, a 1969 alumnus, received the doctoral hood from President Floyd while Joan H. Krause, chairperson of the Board of Trustees, assisted. BOTTOM: Charles Perricone, speaker of the Michigan House of Representatives and a 1989 alumnus, poses with his degree citation after the ceremony in which he was honored. (Photos by Neil Rankin)

Trustees learn of fall two-month grant total that brought nearly \$18 million to WMU for research

A two-month grant total that reached nearly \$18 million and was marked by support for the University's instructional and research technology infrastructure was reported to the Board of Trustees at its Dec. 10 meeting.

The grant total for September and October hit \$17,668,240, pushing the year-to-date total of grants received since the July 1 start of the fiscal year to \$19,144,229.

"This has been a phenomenally successful grant period for the University, primarily because of the infusion of technology into our academic programs by both public and private entities," said Donald E. Thompson, vice president for research and dean of the Graduate College, in his report to the board. "Just three of those awards that will bring cutting-edge technology and new research capabilities to our classrooms and faculty research programs account for \$13.5 million of this two-month total."

Those three major grants include an award for software products valued at \$8.96 million from Tecnomatix Technologies Inc. of Novi, Mich. (See story on page one.)

Two separate grants totaling \$3 million from Engineering Methods Inc. of Cincinnati will provide site licenses for a College of Engineering and Applied Sciences training center. That center will provide instruction on the use of ANSYS/Multiphysics software, which offers structural, dynamic, buckling, thermal and fluid dynamic analysis. Jorge Rodriguez, industrial and manufacturing engineering, is directing that effort.

A \$1.65 million award from the Battle Creek Tax Increment Finance Authority will be used to bring a state-of-the-art, 737-type flight simulator to WMU's College of

Aviation facilities in the spring. The previously announced award is being used by the college to purchase a six-axis flight simulator from Frasca International Inc. of Urbana, Ill. The simulator will be used to offer jet orientation courses to WMU aviation students and cadets in the college's International Pilot Training Centre. The simulator also will allow faculty members to pursue human factors research that examines aviation crew management and safety issues.

A number of other major awards in the areas of instruction and research also were responsible for the large two-month total.

•A \$1,229,184 award from Emirates Airlines to the International Pilot Training Centre will complete that airlines' first contract with WMU for cadet pilot training. A class of cadets, the fourth sent to the University by the airline under the contract, will arrive in January for training.

•Two grants totaling \$858,448 to Christian Hirsch, mathematics and statistics, will continue his work in the mathematics reform arena. A \$658,448 award from the National Science Foundation will fund the final development and evaluation of the Core-Plus Mathematics Project high school curriculum that has been in development at WMU under Hirsch's direction since 1992. A \$200,000 award from Ithaca (N.Y.) College will support a project to create an implementation structure in secondary schools that will support five national, comprehensive mathematics curriculum projects.

•A \$312,380 award from the U.S. Department of Health and Human Services to Gyula Ficsor biological sciences, and Leonard Ginsberg, associate dean of the College of Arts and Sciences, will fund an

effort to identify motivated, but underrepresented minority students in high schools and community colleges and encourage them to prepare for careers in biomedical research.

•A \$225,000 award from the U.S. Department of Justice to the Department of Public Safety will allow the University to hire three new community policing officers through a program designed to provide community policing funds for municipalities around the nation. The three new officers will join one current community policing officer at WMU in the effort to use problem-solving tactics and partnerships with the community to reduce the causes and fear of crime.

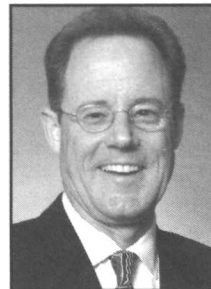
Among other notable grants also on the report was a three-year \$107,343 Academic Research Enhancement Award from the U.S. Department of Health and Human Services to David S. Reinhold, chemistry. The award, made through HHS's National Institute of Environmental Health Sciences, will allow Reinhold to further study his earlier findings about the effect of multiple carcinogens on human cells. He will study the biochemical mechanisms that result in fewer DNA mutations in human cells treated with multiple carcinogens than those cells treated with just one carcinogen.

A \$74,798 award from the Michigan Department of Education will fund a study of Michigan's charter schools that is a follow-up to the study completed last March by Jerry Horn and Gary Miron, principal research associates in WMU's Evaluation Center. The new study will focus on issues the pair uncovered in their original statewide study—the most comprehensive Michigan charter school study that has been completed to date.

Community outreach is Miller's job focus

President Elson S. Floyd has announced the appointment of Robert G. Miller to the newly created position of associate vice president for community outreach.

"I am extremely pleased that Bob has agreed to join our team," said Floyd. "He will be deeply involved with the development of the business, research and technology park that will adjoin our new engineering campus, and he will facilitate a number of our outreach efforts and services here in Kalamazoo and elsewhere."



Miller

Miller, a 1972 graduate of the University, has been active in the WMU Alumni Association since graduating and has served two terms as its president.

"This is a wonderful opportunity to continue my involvement with the University and to help President Floyd carry forward his agenda of increased community involvement," said Miller. "An important part of my responsibilities will be working closely with Southwest Michigan First, the city and others who will be helping us develop the business, research and technology park."

Miller has most recently been sales manager for K-Lift Materials Handling Equipment of Kalamazoo and also has held sales management positions with two different local broadcasting companies.

Active in community affairs, he serves as a director of the Kalamazoo Family YMCA and chairperson of the Corporate Patrons Committee for the United States Tennis Association's National Boys 16 and 18 Tennis Championships, which are held annually in Kalamazoo.

Battle Creek school proposal could become WMU's first charter effort by fall 2000

A proposed charter school in Battle Creek took another step toward reality in December when the Board of Trustees voted to grant it a provisional charter.

The school, to be called the Battle Creek Area Learning Center, will serve middle and high school students who have not been successful in the traditional school setting. It is the first public school academy the University has authorized since WMU trustees voted last year to allow the University to become a chartering body.

The Battle Creek Area Learning Center fits the University's approach to chartering schools by working cooperatively with public schools to provide new services that currently are not being offered. That philosophy is part of a position statement presented to the Board when trustees voted on Dec. 11, 1998, to become an authorizing body for charter school academies.

The position statement was developed with the input of area public school superintendents and pledges not to erode support for public schools.

"I'm really pleased, because I think this matches well the intent and purpose that

we developed as we went into the charter school business," says Frank Rapley, dean of the WMU College of Education. "It's a real pleasure to bring this particular proposal to the board because it does carry out the idea of a consortia of public and non-public schools, a community college, local human service agencies and the University, all working together on an effort to provide an alternative program that doesn't exist in the Battle Creek area."

If all goes according to plan, the school could open in fall 2000. School supporters are hoping state lawmakers will vote to raise the cap on the number of charter schools the law allows universities to charter. That 150-school cap already has been reached, but lawmakers failed to raise the cap before adjourning for the holidays.

Climatologist to discuss global warming Friday

The debate over whether global warming is a real or imagined environmental threat gets some people a little hot under the collar.

To help shed light on the science behind the controversy, the Department of Geosciences will include a presentation on global warming as part of its ongoing seminar series.

Dr. Robert C. Balling Jr., director of the Office of Climatology at Arizona State University, will speak on "A Climate of Doubt about Global Warming" at 3 p.m. Friday, Jan. 7, in 2000 Schneider Hall. His visit is being sponsored by the American Association of Petroleum Geologists, which has named him a 1999-2000 Distinguished Lecturer.

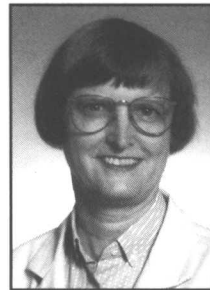
Balling is the author of a number of works on climate change, including the 1992 book "The Heated Debate: Greenhouse Predictions Versus Climate Reality." He also is a contributing author to the United Nations Intergovernmental Panel on Climate Change.

For more information about Balling's visit, contact Duane Hampton, geosciences, by phone at 7-5496 or by email at <duane.hampton@wmich.edu>.

Board names four to student affairs positions

Four staff appointments in the Division of Student Affairs were approved by the WMU Board of Trustees last fall.

The board okayed the appointments of Sally Cowles, M.D., as a physician in the Sindecuse Health Center, Kathleen Kanz as director of the Residence Life Office, Victor J. Manzon as director of alcohol and other drug prevention and Scott P. Musial as acting director of the Sindecuse Health Center.



Cowles

Trustees also approved the resignation of Terry L. Baxter, M.D., as director of the Sindecuse Health Center, effective Aug. 2.

Cowles is serving as WMU's first occupational health physician. In this capacity, she supervises existing personnel and programs related to the occupational health of WMU employees, including the Workers Compensation and Early Return to Work programs. She comes to WMU from the Amoco Corp., where she had been Chemical Sector medical director for Atlanta and Western Europe since 1993. Prior to that, she held several faculty positions with the University of Texas' Medical School and School of Public Health, spent nearly a decade with the Shell Oil Co. in Houston directing its epidemiology program, headed the occupational health branches of two regional medical centers for the U.S. Navy, and served as epidemiology coordinator of the Division of Lung Disease for the National Institutes of Health.

Kanz is the director of the Residence Life Office, which has merged with what had been the Residence Hall Facilities Office. The merger combined residence hall programming and facilities management under a single unit and refocused the Residence Life Office on student learning and personal development.

Kanz comes to WMU from Northcentral Technical College in Wausau, Wis., where she was a psychology instructor and had

been active in curriculum development since 1995.

Manzon is directing the newly created department called Alcohol and Other Drug Prevention and also serves as chairperson

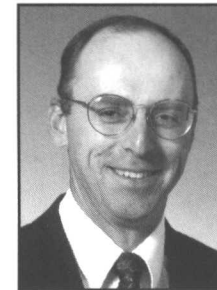
of the University's Alcohol Issues Advisory Board and a related student advisory board. The new department, which primarily focuses on students, coordinates all facets of WMU's alcohol and other drug prevention and

early intervention strategies as well as efforts to reduce inappropriate and heavy drinking.

Manzon comes to WMU from Gateway, a dependency treatment center in Kalamazoo, where he had been director of outpatient services since 1992. A licensed certified social worker in Michigan, he brings 27 years of counseling, mental health and dependency treatment experience to his new post.

Musial is serving as acting health center director in addition to his current duties as chief of pharmacy while a search is conducted for a director. In his new post, Musial oversees Sindecuse's operations and procedures and serves as chairperson of WMU's Health Management Committee, which develops and implements health-management and cost-containment strategies for the University community.

He joined WMU in 1997 as the health center's chief pharmacist and took on the additional duties of chief operating officer this past January. Musial was president and chief executive officer as well as managing pharmacist of Constantine Pharmacy Inc. in Constantine, Mich., from 1989 to 1998. In addition, he has worked at Pharmacia & Upjohn in Kalamazoo as a quality control chemist and as a quality assurance professional.



Musial

WESTERN NEWS

Editor: Cheryl P. Roland; Contributors: Jeanne M. Baron, Marie E. Lee, Michael J. Matthews, Pauline Oo and Mark E. Schwerin.

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WESTERN MICHIGAN UNIVERSITY

Board approves appointment of Minnesota administrator as new human resources chief

An employment and employee relations administrator with more than 13 years of management experience in higher education has been named the new assistant vice president for human resources at the University.



Updike

The appointment of Barbara B. Updike to the post was approved Dec. 10 by the Board of Trustees. Her appointment is effective Jan. 10.

Updike has been director of human resources at Minnesota State University, Mankato, since 1997. Previously, she was director of human resources at St. Norbert College in DePere, Wis., and manager of employment and staff development at Northern Michigan University.

"Barbara brings extensive knowledge in the employment and labor relations areas and a history of strong and innovative leadership to the position," said Vice President Robert Beam, business and finance, who brought the hiring recommendation to the board. "We are absolutely delighted that she will be taking charge of this critical area and I am positive she will be a good addition to the University."

At Mankato, Updike was responsible for a comprehensive human resources unit that served some 1,500 campus employees. Her accomplishments have included development of a new employee compensation and classification system. She also was instrumental in the redesign of a health benefits package as well as development of an electronic processing system for integrating employment, personnel, payroll and budget functions.

Updike earned a bachelor's degree in business administration in 1985 and a master's degree in administrative science in 1994, both from Northern Michigan University. She also has completed several executive training institutes through the College University Personnel Association, the Society for Human Resource Management and the Higher Education Resource Center.

Active in professional and community organizations, Updike is a member of the College University Personnel Association Midwest Regional board as well as the Minnesota CUPA board. She has received several awards from CUPA's regional organization, including Outstanding Service Awards in the areas of management and affirmative action, and a 1996 Midwest Distinguished Chapter Member Award.

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 during the posting period, and may contact an employment services staff member for assistance in securing these positions.

S-01 and S-02 clerical positions are not required to be posted. For persons interested in faculty positions, there are openings in selected fields. A letter of application should be submitted to the appropriate dean or chairperson.

(R) **Operations Resource Analyst II**, X-03, Office of Information Technology, 99/00-1083, 1/4-1/10/00

(R) **Secretary III**, S-06, College of Fine Arts, 99/00-1092, 1/4-1/10/00

(R) **Utility Food Worker** (FTE .65, 37.50 hours per week; academic year), F0/F1, Davis Dining Services, 99/00-1093, 1/4-1/10/00

(R) **Utility Food Worker** (FTE .65, 37.50 hours per week; academic year), F0/F1, Valley #2 Dining Services, 99/00-1094, 1/4-1/10/00

(R) **Utility Food Worker** (FTE .65, 37.50 hours per week; academic year), F0/F1, Valley #2 Dining Services, 99/00-1095, 1/4-1/10/00

(R) **Library Assistant III**, S-06, Waldo Library, 99/00-1096, 1/4-1/10/00

(R) **Secretary I**, S-04, Accountancy, 99/00-1097, 1/4-01/10/00

(R) **Computer Operator** (hourly), X-01, Office of Information Technology, 99/00-1098, 1/4-01/10/00

(R) **Assistant Professor** (terminal for 2000/2001), I-30, Construction Engineering, Materials Engineering and Industrial Design, 99/00-1104, 1/4-1/10/00

(R) **Assistant Professor** (Tenure Track, academic year), I-30, Construction Engineering, Materials Engineering, and Industrial Design, 99/00-1105, 1/4-1/10/00

(R) **Assistant Professor** (Tenure Track, academic year), I-30, Construction Engineering, Materials Engineering, and Industrial Design, 99/00-1106, 1/4-1/10/00

(R) **Clerk III**, S-04, Registrar's Office, 99/00-1108, 1/4-1/10/00

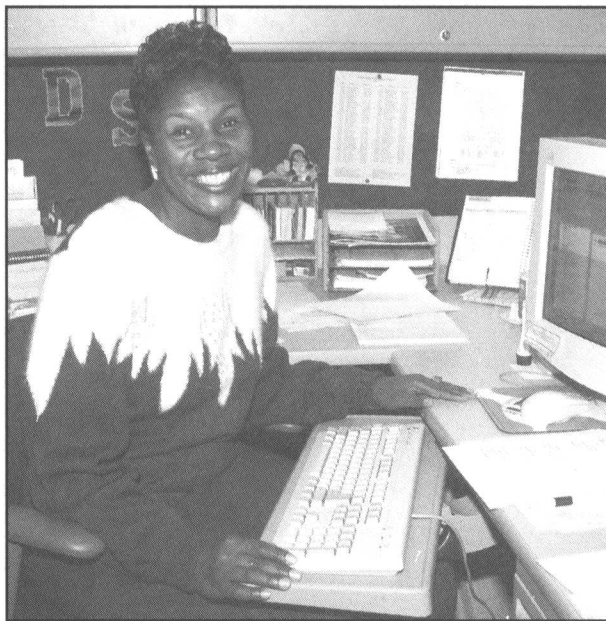
(R) **Assistant Professor** (Tenure Track, academic year), I-40, Paper/Printing Science & Engineering, 99/00-1114, 1/4-1/10/00

(R) **Secretary II** (repost), S-05, Sincuse Health Center, 99/00-1081, 1/4-1/10/00

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. Employment information about University openings also is available on the World Wide Web at <www.wmich.edu/hr/job.htm>.

(R) Replacement
WMU is an EO/AA employer

On campus



VITAL INFORMATION LINKS—It's Dorla Evans' job to maintain the vital links of information that help WMU foster lasting relationships with its alumni, donors and friends and provide them valuable services at the same time. That's no mean trick. As a data operations specialist in alumni and donor records, a part of advancement services in the Development Office, Evans and two colleagues keep track of more than 231,000 active records. "Naturally, I love the people part of my job the

most," says Evans, a WMU staff member since 1991. "We're on the front lines," she says of phone calls and e-mail messages she fields from constituents across the country and around the world. She especially enjoys helping alumni find other alumni through the University's alumni locator service. In response to a request by an alumnus or alumna who wants to contact another graduate, Evans will contact that person by e-mail or postcard. That person can then decide whether or not to get in touch with the person who made the request. "That's how we protect the privacy of our alumni and donors and the complete and total confidentiality of our records," she stresses. Much of Evans' career has been in information management. Before coming to WMU, she worked at Borgess Medical Center, where she coded information about instruments used in surgery. Away from work, Evans, who is single, is active in her church, where she teaches Sabbath school for 6- to 12-year-olds, ushers and does "whatever else might be needed." She and her sister, Delorse Evans-Smith, an administrative assistant in chemistry, cooperate in the care of their mother, Sallie Evans, who is 80 and recently underwent hip replacement surgery. "I also love to go to movies," she says. (Photo by Neil Rankin)

Human resources

Stress relief and massage...ahhh....

Lunch & Learn presents Jana Stastny, a nationally certified massage therapist and the WMU Zest for Life massage therapist, from noon to 1 p.m. on Tuesday, Jan. 18, in 157 Bernhard Center.

Come and learn about Jana's focus on deep muscle work with an aim toward healing and relaxation. Bring your lunch and be ready to learn how to relax!

Matthews to be feted

Members of the University community are invited to attend a Thursday, Jan. 13, reception marking the retirement this month of Michael J. Matthews, university relations.

Matthews, who has served for 20 years as a University spokesperson and communications executive, will be honored at the event set for 3:30 to 5:30 p.m. in the lobby of Walwood Hall.

Job profile results will help design compensation system

The University has begun the design and implementation of the new compensation and performance management systems for non-bargaining administrative, clerical, professional and technical employees.

Each of these employees was mailed a Job Profile Questionnaire earlier this week. Consultants from Towers Perrin will use the completed questionnaires to develop job groupings and identify benchmark jobs for market pricing. The completed questionnaires must be returned to Human Resources by Jan. 21, 2000.

If you have a question about the questionnaire, or did not receive one, please call a member of the compensation staff at 7-3664.

Hawkins reception set

The University community is invited to attend a reception Friday, Jan. 14, honoring Irvin R. Hawkins, public safety, who is retiring this month from his job as a dispatcher after more than 31 years of service to WMU.

The event will be held from 2 to 4 p.m. in the President's Dining Room of the Bernhard Center.

Libraries

OCLC Inc. provides the following information on one of the most used databases in FirstSearch.

WorldCat (the OCLC Online Union Catalog) contains more than 43 million bibliographic records for items held in libraries around the world. This database is essentially a computerized card catalog, containing descriptions of books and other materials and identifying libraries that own them.

On average, libraries contribute a new record to WorldCat every 15 seconds (over 2 million a year). More than 400 languages are represented, and just about anything one might think of—from cuneiform tablets to Microsoft's latest version of Windows to a Gutenberg Bible to Daniel Webster's socks—can be found in its records.

WorldCat records tell libraries and library users what information is out there and where to find it. Through interlibrary loan, libraries can often borrow a needed item from a library that owns it. Since WorldCat contains the merged catalogs of libraries around the world, it is a vast treasure trove of information.

WorldCat has been available to libraries online since 1971. Library staffs use it to catalog materials in their libraries, to provide reference services and to share resources with other libraries. Library users may access WorldCat through the OCLC FirstSearch service.

Recently, OCLC users were invited to nominate some of their favorite WorldCat records. With so many records to choose from, it is no wonder that they came up with some interesting, even bizarre, records.

Some of the most unique records in WorldCat are for realia items—unconven-

tional items that might seem more suited to a museum than a library.

Some of the records nominated are: OCLC #20303691, described as a reusable waterproof litterbag for use by canoeists; and #35746224—F. Scott Fitzgerald's mother's silk and leather wedding shoes.

Some unusual titles found in WorldCat include: "Paris, Tightwad and Peculiar: Missouri Place Names" by Margot Ford McMillen; "Permanent Residents of the Garrison Cemetery" from the Garrison Corner Cemetery Association; and "Brain Weight and Legislative Ability in Congress" by Arthur MacDonald.

Service

These faculty and staff members are recognized for five, 10, 15, 20, 25 and 30 years of service in December.

30 years—Umar F. Abdul-Mutakallim, physical plant-building custodial and support services; Richard P. Atwell, Fetzner Center; Jerry F. Fuss, accounts payable; and Robert E. Haner, physical plant-building maintenance services.

25 years—Robert J. Dlouhy, Career English Language Center; Kathleen A. Goyer, management; and Carole A. VanDyken, physical plant-building custodial and support services.

20 years—Janice S. Clevenger, physical plant-landscaping/grounds maintenance; Stacie J. Dineen, physical plant-building maintenance services; Tracie L. Sherburn, accounting; Danny L. Sluss, physical plant-building maintenance services; and Patricia B. Viard, family and consumer sciences.

15 years—Sheila Gothard, student financial aid; Sharon M. Howes, Haworth College of Business; Robert I. Moss, health, physical education and recreation; and Gary W. (Floyd) Pientka, WMUK.

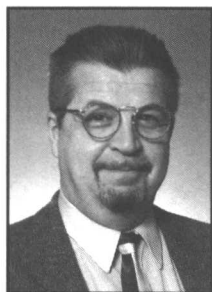
10 years—Constance W. Chase, residence life; Ray T. Cool, health, physical education and recreation; James C. Cotton, information technology; Petronia R. Douglas, Waldo Library; Nancy Eimers, English; Timothy A. Ender, telecommunications; Alvera Fredericks, physical plant-building custodial and support services; Susan R. Stapleton, chemistry; and Saracene R. Sutton, physical plant-building custodial and support services.

Five years—Carol J. Conklin, alumni relations; Jerry G. Horn, Evaluation Center; Steven J. McDaniel, physical plant-general services; Pamela Mottley, Office of the Vice President for Research; and Patti J. VanWalbeck, accounting.

Pientaka takes reins at WMUK

Floyd Pientka has been named the new general manager of WMUK, the University's public radio station.

Pientka, whose appointment was effective Jan. 1, replaced Garrard Macleod, who retired Dec. 31 after 40 years of service and 30 years as general manager of WMUK. The station is a charter member of National Public Radio, serving all of Southwest Michigan at 102.1 on the FM dial.



Pientaka

WMUK's program director since 1993, Pientka's voice is well known to West Michigan audiences for his work and on-air presence during regular classical music programming and during the station's twice-yearly fund-raising events. As program director, he was responsible for the tone and content of the station's program mix and he supervises the announcers and producers who implement the program schedule.

According to Provost Timothy Light, vice president for academic affairs, Pientka brings both a wealth of experience and a commitment to the station's current mission to his new role as manager of WMUK and its 12-person staff.

"When considering this appointment, I

made calls to people around the country and talked with many professionals in the field, including the president of the NPR," Light says. "Everybody said the same thing: WMUK's focus is exactly right and even ahead of the curve for public radio stations. With changes in the satellite technology and the potential for direct transmission of national feeds to listeners, public radio stations need to focus on local programming and that's exactly what WMUK has been doing. Under Floyd's leadership, I am confident that effort will continue."

Pientka first joined the station in 1979 as an announcer and he was later named operations manager. He left the station briefly in 1983 for a stint at a Philadelphia public radio station, but returned to WMUK the following year as an announcer. He resumed his role as operations manager at WMUK in 1985 and he held that post until being named program director.

A Milwaukee native, Pientka earned a music and creative writing degree in 1970 from Lawrence University in Appleton, Wis., and worked as a writer and musician before launching his public radio career. He also earned a master's degree in music performance (piano) from WMU in 1982.

MLK observance (Continued from page one)

year's theme and its ability to attract a wide range of participating offices, departments and student organizations at WMU," Cobb says. "We're pleased that the larger community also is involved in our observance in a variety of ways."

The Institute for the Study of Race and Ethnic Relations is coordinating the University's MLK 2000 observance. More information is available from the institute at 7-2141. Detailed information also is available on the World Wide Web at <www.wmich.edu/mlkday>.

The site includes a link to "MLK at WMU," a comprehensive presentation on King's visit and speech at WMU on Dec. 18, 1963, as well as other resources. Staff members in the Archives and Regional History Collections, a part of the WMU Libraries, and the Office of Information Technology produced the site.

Major events this year include:

- Commemorative march, sponsored by the WMU student chapter of the National Association for the Advancement of Colored People, beginning at 10 a.m. Monday, Jan. 17, at the Bernhard Center and proceeding to MLK Park on North Rose Street in Kalamazoo.

- Discovery Day, sponsored by Volunteer Student Services for elementary and middle school students throughout Kalamazoo County, from 1 to 5 p.m. Monday, Jan. 17, in the Student Recreation Center.

- All-University Convocation, at 7 p.m. Monday, Jan. 17, in Miller Auditorium. Besides speakers, performers will include the Voices of WMU Gospel Choir, the Mt. Zion Baptist Church Mass Choir and a dance presentation, "Lynching: Then and Now," choreographed by Cobb.



75 YEARS OF SERVICE—When three members of WMU's 25 Year Club get together, more than 75 years of service to WMU is represented. That's what happened here when President Floyd helped these three new members of the club celebrate their Nov. 30 induction into the group. The three were among 37 faculty and staff members added to the group this year, bringing its total to 322 active and 356 retired members. From left, Patricia A. Brown, finance and commercial law; Floyd; Kanti S. Sandhu, University Video Services; and Wesley R. Carpenter, public safety. (Photo by Neil Rankin)

Teaching excellence

(Continued from page one)

In recent years, Chase has concentrated his efforts on the prevention of shoreline erosion, a major issue throughout the Great Lakes and beyond. Working with a grant from the U.S. Army Research Office's terrestrial sciences program, he and a team of colleagues and graduate students have identified major erosion causes.

Chase, who has published widely in his field, also has served as a key member of a WMU team that developed science content courses for students in elementary education. Chase earned his doctoral degree at the University of Montana.

Gambino's colleagues, students and former students are equally enthusiastic about his classroom contributions. "He is a professor that is sensitive to his students and their needs," one colleague said. "He listens and revises. He is stellar."

A former student wrote, "I have never met a professor who gives so tirelessly to his students. For him to be recognized as a teacher, friend and colleague would be an honor to him and to WMU."

Gambino coordinates an annual food marketing conference at WMU that attracts industry leaders from across the nation, including top executives from K-Mart, Meijer and Wal-Mart as speakers. He has published articles in several nationally recognized trade journals.

A former supermarket manager and executive, Gambino remains active in the industry, especially with sales and retail organizations and their use of technology. He speaks and consults regularly with such companies as Alliance Foods, Coca-Cola, Dial Soap and Kellogg. He is a food marketing graduate of WMU and earned his doctoral degree in human resources development at WMU.

Software

(Continued from page one)

The College of Engineering and Applied Sciences in 1998 entered into several similar arrangements that brought the University sophisticated engineering software products that cover a variety of engineering processes. The new Tecnomatix software gives students and faculty unmatched opportunities to create a detailed virtual factory within that framework that can be used to address specific engineering issues related to the manufacturing process.

Michael Atkins, chairperson of industrial and manufacturing engineering, says that, together, the products WMU student engineers now use put them in a unique position to be productive immediately after they graduate.

"We aren't just teaching students about engineering," he says, "We're allowing them to practice engineering as they will practice it in industry. The tools we have now are advanced by current industry standards, but they will be in use when our students are ready for jobs. Instead of lagging behind the current practice of the profession, we are now on the cutting edge."

The Tecnomatix software now at WMU is used by such automotive firms as DaimlerChrysler, Ford, General Motors and Volvo; aerospace firms such as Boeing, British Aerospace, Learjet, and Pratt & Whitney; consumer and electronics firms like Kodak, Motorola, Nokia and Toshiba; and heavy equipment companies such as John Deere and Hitachi Machinery.

Calendar

The master calendar maintained by the Office of University Relations for use in Western News is available through WMU's home page on the World Wide Web. Select WMU News and then look for Calendar of Events. You can also link directly to the calendar at <www.wmich.edu/wmu/news/events>.

Thursday, Jan. 6

Exhibition (through Jan. 25), faculty paintings and drawings by Vince Torano, art, and Chairperson Charles Stroh, art, Gallery II, Sangren Hall, weekdays 10 a.m.-5 p.m.; reception, Thursday, Jan. 20, 4-6 p.m.

Friday, Jan. 7

Geosciences seminar, "A Climate of Doubt about Global Warming," Robert C. Balling Jr., Arizona State University, 2000 Schneider Hall, 3 p.m.

*Hockey vs. Alaska-Fairbanks, Lawson Ice Arena, 7 p.m.

Saturday, Jan. 8

*Women's basketball vs. Marshall, University Arena, 2 p.m.

*Hockey vs. Alaska-Fairbanks, Lawson Ice Arena, 7 p.m.

Monday, Jan. 10

Exhibition (through Jan. 14) Suite 316: Jarbal Arts Group Show, Rotunda and South Galleries, East Hall, weekdays, 10 a.m.-5 p.m.; reception, Friday, Jan. 14, 5-7 p.m.

Faculty recital, horn player Johnny Pherigo, WMU School of Music, with guest artists Lori Sims, David Little and Margaret Hamilton, Dalton Center Recital Hall, 8 p.m.

Tuesday, Jan. 11

*Chicago-The Musical, (through Jan. 16), Miller Auditorium.

Wednesday, Jan. 12

General meeting, Professional Support Staff Organization, 157 Bernhard Center, noon.

*Men's basketball vs. Bowling Green, University Arena, 7 p.m.

Thursday, Jan. 13

12th annual Graduate Information Day for diversity students, hosted by the Graduate College, South Ballroom, Bernhard Center, noon-2 p.m.; for reservations, call 7-3574.

Friday, Jan. 14

*Film showing (through Jan. 16), Steven Soderbergh's "The Limey," Campus Cinema, Oakland Recital Hall: Friday and Saturday, Jan. 14 and 15, 7 and 9:30 p.m.; Sunday, Jan. 16, 2:30 and 5 p.m.

Monday, Jan. 17

Exhibition (through Jan. 21), Works on Paper Group Show, Rotunda Gallery; and "Eroticism in Art" All Media Group Show, South Gallery, East Hall, weekdays, 10 a.m.-5 p.m.; reception, Friday, Jan. 21, 5-7 p.m.

Martin Luther King Jr. Day, WMU offices closed, no classes.

MLK Day Convocation, Miller Auditorium, 7 p.m.

*Women's basketball vs. Buffalo, University Arena, 7 p.m.

Wednesday, Jan. 19

*Men's basketball vs. Toledo, University Arena, 7 p.m.

*Performance by Take 6, Grammy and Dove award winning vocal group, Dalton Center Recital Hall, 8 p.m.

*Admission charged