

WESTERN MICHIGAN UNIVERSITY WESTERN NEWS

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Labyrinth of lines

Crews working this summer on the clock tower that connects Waldo Library with the new computer center found themselves in a maze of beams. For an update on campus construction, see page two.

Faculty, staff endorse present leadership, according to Institutional Functioning Inventory

Faculty and staff have registered "an astonishing increase in institutional esprit," according to a recent survey.

The Institutional Functioning Inventory of the Educational Testing Service was administered this past January by the University's Office of Institutional Research in cooperation with the Self-Study Steering Committee in preparation for North Central Association re-accreditation and the Faculty Senate.

Ellen Page-Robin, sociology, a member of the steering committee's faculty profile subcommittee, told the Board of Trustees July 27 that faculty members and administrators feel a lot better about the University now than they did in 1984, when the same survey was conducted and when budget cuts and enrollment declines were at their worst.

The survey results for 1990 in comparison with 1984 are interesting, both in quality and quantity of change evident, she said. "Taken in the context of the two periods, the results can be considered a major endorsement by the faculty and administrators of the present leadership and direction of the University," she concluded.

The 1990 survey was sent to a random sample of 250 full-time faculty and 150 academic administrators. Response rates were 76 percent (191) for faculty and 67 percent (100) for administrators. Both figures are slightly higher proportionally than six years ago.

The inventory consisted of 132 statements related to 11 content domains. Responses were yes/no/don't know or a four point strongly agree to strongly disagree. Scale scores ranged from zero (low) to 12 (high).

"Immediately striking are the much more positive responses of the faculty in 1990 than in 1984, led by an astonishing increase of 2.8 points (from 6.4 to 9.2) on the institutional esprit scale," she said. "This is closely followed by the increase of 2.3 points (from 4.8 to 7.1) on the self-study and planning scale."

Page-Robin also cited the considerable increase in the faculty rating of the University's concern for innovation (from 6.0 to 7.7) and rating of concern for advancing knowledge (from 5.5 to 7.0).

Under institutional esprit, several statements were presented for response.

The statements and responses from the faculty included:

- "Generally, top-level administrators here provide effective educational leadership" -- 26 percent agreed in 1984 and 76 percent agreed in 1990;

- "Generally, communication between faculty and the administration is poor" -- 62 percent agreed in 1984 and 25 percent agreed in 1990;

- "The college is currently doing a successful job in achieving its various goals" -- 44 percent agreed in 1984 and 74 percent agreed in 1990;

- "Although they may criticize some things, most faculty members seem loyal to the college" -- 80 percent agreed in 1984 and 93 percent agreed in 1990.

Page-Robin said that the only area on the entire survey where the rating by faculty was lower than in 1984 was on meeting local needs, which declined from 9.8 to 9.7 points.

Both surveys showed higher scale scores by administrators than by faculty. In all cases, the administrator mean scores were in excess of faculty mean scores, but the differences this year were considerably less than in 1984.

The greatest differences between the two groups in the recent survey were in: democratic governance (6.0 for faculty and 6.9 for administrators); concern for improvement of society (6.9 for faculty and 7.7 for administrators); and human diversity (9.1 for faculty and 9.8 for administrators).

Other scales included on the survey were: intellectual-aesthetic extracurricular environment; freedom; and concern for undergraduate learning.

HSIRB meetings scheduled

The Human Subjects Institutional Review Board has announced its schedule of meetings for 1990-91.

Here are the meeting dates, with the protocol receipt deadlines for those meetings in parentheses: Sept. 12 (Sept. 5); Oct. 10 (Oct. 3); Nov. 7 (Oct. 31); Dec. 12 (Dec. 5); Jan. 9 (Jan. 2); Feb. 6 (Jan. 30); March 13 (March 6); April 10 (April 3); May 8 (May 1); June 12 (June 5); July 10 (July 3); and Aug. 14 (Aug. 7).

All meetings are will begin at 8:15 a.m. in Conference Room C, 3041 Seibert Administration Building. Protocols must be received by 5 p.m. on the deadline date in the Office of Research and Sponsored Programs, A-221 Ellsworth Hall.

Behm named acting associate VP

Harley D. Behm, chairperson of engineering technology, has been selected as acting vice president for academic affairs.

His appointment, effective Aug. 15, is subject to approval by the Board of Trustees at its next meeting Sept. 21.

Behm replaces A. Bruce Clarke, who recently was named provost and vice president for academic affairs. Clarke is serving as WMU's chief academic officer until a replacement can be found for George M. Dennison, who left this summer to become president of the University of Montana.

"Dr. Behm's demonstrated administrative skill, dedication and broad University experience will play a major role in the smooth running of this office," Clarke said. "I know that all of the University community will benefit from this appointment."

Behm's first appointment at WMU in 1967 was as chairperson and professor of the Department of Transportation Technology. He remained head of the department when it merged with the Department of Industrial Technology and



Behm

Education to become the Department of Engineering Technology in 1984.

From January until July 1989, Behm served as interim dean of the College of Engineering and Applied Sciences. In addition, he has been operations manager for the Center for Lost Foam Casting Development, a cooperative venture between the University and the foundry industry.

Also active in the community, Behm has been the chairperson and a member of the advisory committee for the Kalamazoo/Battle Creek Regional Airport. He is a member of the Society of Manufacturing Engineers, of the American Society for Engineering Education and of the Society of Automotive Engineers, for which he served as chairperson of the Western Michigan Section.

Older students invited to reception Sept. 13

Older students who attend WMU will have an opportunity to take care of some business and learn about services available to them at a special reception Thursday, Sept. 13.

The reception for graduate students and nontraditional students -- those who have had a significant break in their education -- is planned for 4 to 6 p.m. in the North and South Ballrooms of the Bernhard

Center.

The two groups will have a chance at the combined reception to meet with representatives of more than 30 University offices and departments who will be on hand to provide information and services.

"Nontraditional students typically do not have access to many of the University's resources during traditional office hours," says Patricia L. Thompson, adult learning services. "This reception provides the opportunity for students to gain access to the resources they need at one time and in one location."

Students will be able to validate their ID cards, purchase parking stickers and have their blood pressure checked. They also will have the opportunity to meet academic advisers, University representatives, faculty, staff members and other nontraditional and graduate students.

Child care facilities will be available on site and a variety of refreshments will be served.

The event is being sponsored by the Office of Adult Learning Services, the Graduate College, the Graduate Student Advisory Committee and the Office of the Vice President for Student Services.

University, AAUP reach tentative agreement

The University and its faculty union, the WMU chapter of the American Association of University Professors, reached a tentative agreement Aug. 22 on a new, three-year collective bargaining contract.

The contract covers approximately 750 regular faculty members. Details of the new agreement will not be made public until after the union holds its ratification meeting Tuesday, Sept. 11.

President Haenicke said, "I am delighted that we have reached amicable agreement with our faculty union prior to the start of classes. The problem-solving bargaining techniques we jointly developed in negotiations three years ago

have worked well once again." George S. Miller, AAUP chapter president, also expressed pleasure at the successful conclusion of negotiations. "We had a number of complex issues to discuss," he said. "We worked hard and reached a fair agreement that the union's bargaining team will unanimously recommend to the faculty."

Lynwood H. Bartley, chief negotiator for the union, and Dinah J. Rank, chief negotiator for the University, agreed that the agreement had been facilitated by the shared belief of the parties that faculty salaries were a high priority.

Contract talks began June 21, and 20 bargaining sessions were held.

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Relations with Asia-Pacific region is focus of Sept. 13-15 conference

Executives in area businesses will have an opportunity to make contacts in the Asia-Pacific region and learn the workings of the international business community at a WMU conference Thursday through Saturday, Sept. 13-15.

Business, government and academic leaders from around the world are scheduled to gather at the Fetzer Center for "Facing East/Facing West: North America and the Asia-Pacific Region in the 1990s."

This is one of a series of WMU conferences on America and its trading partners. Patterned after the successful 1989 Canadian/American conference, this year's event will examine relationships between the two regions in terms of geopolitics and economics.

The conference, organized by WMU's Office of International Affairs, Asian Studies Committee, Haworth College of Business and Office of Conferences and Institutes in the Division of Continuing Education, also will address the human dimension of economic performance by examining values and attitudes, education, the family, the role of women and the outlook for future generations.

Keynote speakers for the event will be: Kenneth R. Meiklejohn, vice president of the Pacific Division for the Upjohn Co.; Kazuhiro Ohta, president and chief executive officer of Nippondenso Manufacturing, U.S.A. Inc. and executive managing director of the Nippondenso Co. Ltd., Japan; Albert Feuerwerker, the A.M. and H.P. Bentley Professor of History and research scholar for the University of Michigan's Center for Chinese Studies; U.S. Rep. Howard Wolpe (D-Lansing); and Betty Chang, dean of general studies and director of international education at Kalamazoo Valley Community College.

More than 80 papers, panels and workshops are scheduled for presentation during the conference, with presenters coming from Japan, Korea, the People's Republic of China, Taiwan, Hong Kong, Australia and the United Kingdom as well as from across the United States and Canada. Topics covered will include issues concerning business, economics, politics, security, trade, investment, labor and management, immigration and migration, education, society and culture. Presenters will come from a number of international firms, government agencies and from 33 U.S. colleges and universities as well as from 12 foreign universities.

Specific session topics include such titles as: "The Political Development of China Since the June 4 Massacre," "Asian Immigration to the United States," "Export Behavior of New Zealand Firms" and "Exploring International Business Opportunities in Pacific Rim Countries."

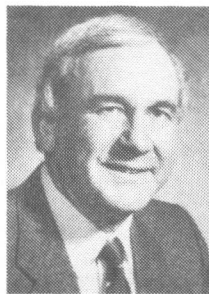
International business issues will be a special focus of the conference. Several sessions will offer participants an opportunity to gain new insights in such areas as cross-cultural communication, global marketing, Asian firms in Michigan, U.S.-Japan trade conflict and relations, international trade practices, exporting, privatization in China, development of an international production system, business communication technology and attracting Asian businesses to the region.



Chang



Feuerwerker



Meiklejohn



Ohta



Wolpe

A hands-on workshop using CORE II, a computer simulation to assess Company Readiness to Export, is planned and a U.S. Department of Commerce panel on business opportunities in Pacific Rim nations is scheduled. Another panel will

explore ways of using local libraries to access information on Asia.

Following a Thursday evening registration and reception, the conference will get under way with a keynote address at 9 a.m. Friday. Meiklejohn will speak on "Asia/Pacific: A Patchwork of Culture, Conquest and Colonialism and How It Affects Business Today."

The Friday noon luncheon keynote address titled "Cultural Differences" will be presented by Ohta. The keynote address at the 6 p.m. Friday banquet will be delivered by Feuerwerker, who will describe "State and Society in 20th Century China."

Conference activities will resume at 9 a.m. Saturday with an address by Wolpe. He will speak on "Global Opportunity: Expanding and Enhancing U.S. Markets." The conference's final keynote address will be delivered at noon on Saturday by Chang. She will discuss "Internationalizing the Curriculum: A Community College Model."

The cost of attending the entire colloquium is \$125 per person, which includes all meals except the Friday night banquet, which costs an additional \$20. Participants must register by contacting the Office of Conferences and Institutes at 7-4174. Students from member institu-

tions of the Kalamazoo Consortium for Higher Education -- WMU, KVCC, Kalamazoo College, Nazareth College and Davenport College -- may attend any session free by showing a current student identification card. Meals will not be provided to such student participants.

Current sponsors for the conference include: the U.S. Department of Commerce, U.S. & Foreign Commercial Service, Detroit District Office; the Republic of China's Coordinating Council for North American Affairs, Chicago Office; the Upjohn Co.; the Kalamazoo Consortium for Higher Education; Kalamazoo Valley Community College; the CEO Council of Kalamazoo County; Wolpe; the Michigan International Business Development Center at Michigan State University; the Michigan Council for the Humanities; the National Endowment for the Humanities; Northwest Airlines; NBD Bank, N.A. of Detroit; Interkal Inc. and Travel Diplomat of Kalamazoo; and Koyo Corp., the I.I. Stanley Co., Lotte Inc. and Technical Auto Parts Inc. of Battle Creek.

WMU units sponsoring the conference include: the four groups organizing the event; the Office of the Provost; and the departments of geography, anthropology and history.

Summer construction brings projects near completion

The construction vehicle traffic may have exceeded University community traffic on campus this summer as crews were busy at work on several new buildings and other projects. Here is an update on construction on campus:

• **Waldo Library expansion and new computer center** -- This project is progressing well, according to Evie Asken, campus planning, extension and engineering. Most of the external work on the building is being completed and crews will be concentrating this fall on finishing the interior. Asken said she expects the materials and staff will be able to move back into Waldo Library from their temporary locations in the Bernhard Center and a warehouse on Gibson Street in the spring. "We want to schedule the move at a time when it will have the minimum amount of impact on students," she said. Staff members from academic computing services, telecommunications and administrative data processing also will begin occupying the new computer center in the spring.

• **Lee Honors College** -- Most of the work on this new building near Rood Hall has been completed, Asken said. The exteriors and interiors are finished and furnishings have been installed. Currently, sidewalks are being put in and landscaping is expected to be completed this fall. The Lee Honors College staff plans to move into its new quarters in mid-September. The dedication of the new building has been set for Friday, Oct. 12.

• **Grand Rapids Regional Center** -- The construction of a 2,000-square-foot addition and the renovation of this building is complete and classes are being offered there this fall, Asken said. Lo-

cated at 2333 East Beltline Ave. S.E., the former Sentry Insurance building now provides 21 classrooms, a large meeting room, a computer laboratory and a computer classroom. The building will be dedicated in conjunction with a Board of Trustees meeting to be conducted there Friday, Sept. 21.

• **Building to house the Haworth College of Business** -- Most of the exterior on this facility has been completed and workers are expected to finish the interior and install furniture this fall, Asken said. Crews also are working on completing the courtyard. Faculty and staff from the college are scheduled to move into the building in late fall and classes will be offered there beginning with the winter semester.

• **Entrance to campus off Howard Street and parking areas** -- To accommodate the move of the Haworth College of Business to West Campus, new parking lots have been created and the entrance to campus from Howard Street has been redesigned. The University has acquired a good share of the property between Marion Avenue and Howard Street. Over the summer, houses were razed and old foundations still existing in some of the old parking lots were removed. The new lots created in those areas have resulted in 1,600 parking spaces. The area will be landscaped with trees from WMU's "tree farm" on Parkview Avenue.

The parking lots will be designated in this configuration: spaces closest to the Fetzer Center for Fetzer Center patrons; spaces in the lot on the west side of the

new business building and those closest to Rood Hall for employees; and all other spaces in the area for student commuter permits.

The redesign of the entrance off Howard Street (see map pictured here) is intended to split traffic entering on that side of campus between West Michigan Avenue and Valley Drive -- the new entrance created last year that leads into Goldsworth Valley. The entrance to campus off Wilbur Street has been closed, and Steers and Marion avenues have been replaced by an extended Rankin Avenue. Traffic entering on Valley Drive will be able to turn left onto Rankin Avenue and go into Goldsworth Valley. In addition, traffic will now be able to turn right onto the extension of Rankin Avenue that will lead to the parking lots near the business building, to Wilbur Street and ultimately to West Michigan Avenue near Welborn Hall.

• **Other projects** -- Asken noted that several other projects were finished this summer or are expected to be completed soon. They include: a new "chiller" in Miller Auditorium to provide proper air conditioning; further renovation on Draper, Siedschlag and Ernest and Smith Burnham halls; the renovation of three more buildings in the Elmwood Apartments; the installation of an "antenna farm" on East Campus to provide for the reception and distribution of satellite signals; a new roof on Rood Hall; a new psychology laboratory in Wood Hall; and the renovation of one lecture hall in Wood Hall and three lecture halls in Rood Hall.

Center seeks brochures

The Office of Admissions and Orientation is looking for brochures from University offices to display and distribute at the Information Center.

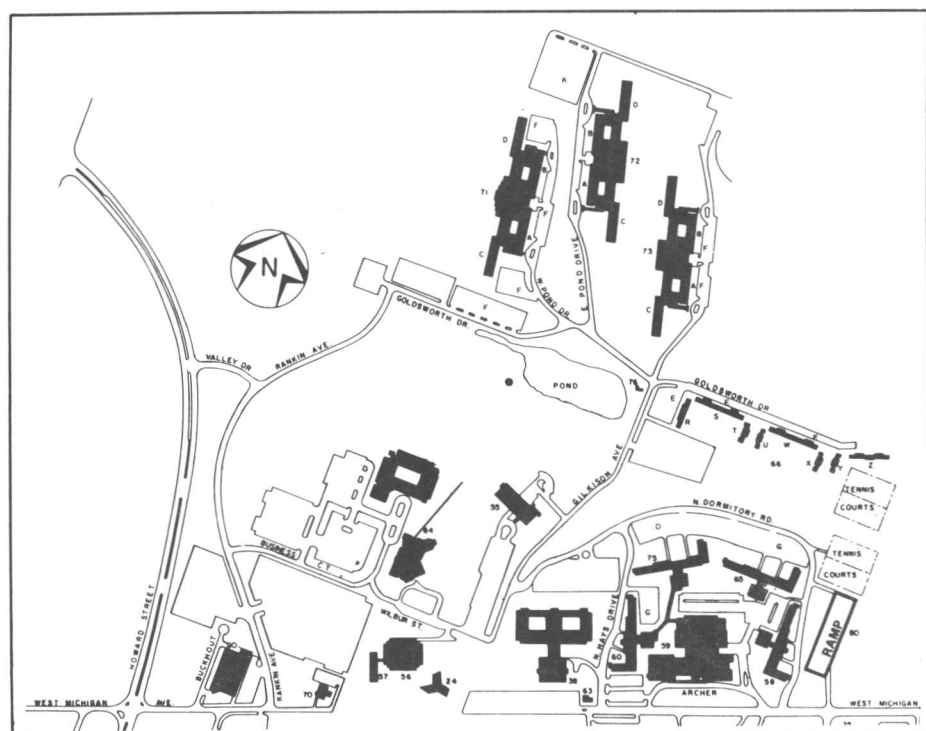
The center, located at the north entrance to the Seibert Administration Building, provides information about the University to students, employees and campus visitors. If your office has any informative brochures that you would like distributed, please send a copy of the brochure along with the name of a contact person to the Information Center.

If you have questions, call Jeanne M. LaMere at 7-3530.

Griffin elected to board

Tony Griffin, WMUK-FM, has been elected to the board of directors of the Public Radio News Directors Association.

During his one-year term, he will represent stations with two or fewer news department employees. The PRNDA, formed in 1985, is an organization dedicated to enhancing news and information services, programming and distribution throughout the national public radio system.



This map shows the redesign of the entrance off Howard Street, the extension of Rankin Avenue and the new parking lots created to accommodate the move of the Haworth College of Business to West Campus.

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Journalistic 'Truth or Consequences' talk will launch fall lecture series on ethics

Journalism ethics is the topic for the first presentation this fall in a series organized by the WMU Center for the Study of Ethics in Society.

Deni Elliott, acting executive director of the Institute for the Study of Applied and Professional Ethics at Dartmouth College, will speak at 8 p.m. Tuesday, Sept. 11, in 2750 Knauss Hall. Her free address is titled "Truth or Consequences."

"Journalists often resist dealing with determining when deceptive acts are justified by deciding deceptive acts aren't deceptive at all," she says. "In my talk, I will discuss what we mean by deception and under what conditions it is justified."

Also an adjunct faculty member in philosophy at Dartmouth, Elliott is on leave from her position as associate professor with tenure in the department of communication and philosophy at Utah State University. She is consulting editor to FineLine, a journalism ethics newsletter, and also edits the book review section of the Journal of Mass Media Ethics.

Elliott has been an ethics consultant/reporter for the Philadelphia Inquirer, the Louisville Courier-Journal and WCSH-TV in Portland, Maine. Since 1983, she has conducted ethics seminars for news

organizations and professional groups. "Responsible Journalism," a collection of original essays collected and edited by Elliott, was published in 1986.

Other topics and speakers slated for this fall are:

- "Ethics in Academe? . . . and Other Predicaments" with Roger E. Ulrich, psychology, at 3 p.m. Friday, Sept. 28, in 3020 Friedmann Hall;

- "Human Medicine in a Technological Age" at 7:30 p.m. Thursday, Nov. 1, in the Fetzer Center and "Medical Professional Ethics" at 3 p.m. Friday, Nov. 2, in 2010 Friedmann Hall with Edmund D. Pellegrino of the Center for the Advanced Study of Ethics at Georgetown University;

- "Beyond Duty?," a conference Thursday and Friday, Nov. 8-9, with details to be announced later;

- "Positional Duties" with Timothy Shiell, philosophy, at 3 p.m. Friday, Nov. 16, in 204 Bernhard Center; and

- "Ethics and Ecosystems" with Kent Baldner, philosophy, at 3 p.m. Friday, Nov. 30, in 204 Bernhard Center.

For more information, persons may contact Michael S. Pritchard, philosophy, who directs the ethics center, at 7-4380.

Coaches to be featured at breakfast meeting

Alumni and friends of WMU will have an opportunity to "Quiz the Coaches" during a breakfast meeting Tuesday, Sept. 18, at the Kalamazoo Country Club.

The meeting is part of a year-long series of six programs called "Good Morning, Kalamazoo!" sponsored by WMU and its Alumni Association. All will begin at 7:30 a.m. and conclude at 8:20 a.m.

A panel of WMU coaches will be available at the Sept. 18 meeting to answer questions. Present will be: volleyball coach Rob Buck; men's basketball coach Bob Donewald; women's basketball coach Pat Charity Elliott; football coach Al Molde; and hockey coach Bill Wilkinson. The moderator will be athletic director Leland Byrd.

The cost for the continental breakfast is \$6 for Alumni Association members and \$7 for non-members. Persons are encouraged to make reservations by Friday, Sept. 14, by calling the McKee Alumni Center at 7-6179.

Other programs scheduled for this year are:

- "The Value of WMU To Our Economic Development!" with George E. Arwady, publisher of the Kalamazoo Gazette, on Tuesday, Oct. 16, at the Kalamazoo Country Club;

- "A Look at the University's International Involvement" with Norman C. Greenberg, international affairs, on Tuesday, Nov. 27, at the Kalamazoo Country Club;

- "WMU's Lee Honors College: Building for Excellence" with Dean Faith Gabelnick, Lee Honors College, on Tuesday, Jan. 15, at the new Lee Honors College building;

- "Opportunities to Excel" with three winners of WMU's \$25,000 Medallion Scholarships on Tuesday Feb. 26, at the Fetzer Center; and

- "A Report on East Campus" with L. Michael Moskovis, vice president for institutional advancement, on Tuesday, March 19, at the Fetzer Center.

Two new master's degrees offered this fall

Students at the University are able to enroll in two new master's degree programs this fall.

The Board of Trustees July 27 approved proposals to offer a master of arts degree in English as a second language as well as a master of arts degree in Spanish. Students will obtain both degrees through the Department of Languages and Linguistics. Each is a 30-credit-hour program of study.

The master's degree in English as a second language (ESL) is designed for students who wish to be teachers of ESL either in the United States or abroad, and for those who want to enter doctoral programs in teaching English as a second language (TESL).

The degree was designed according to standards and guidelines developed by Teachers in English to Speakers of Other Languages Inc. It includes courses in psycholinguistics, sociolinguistics, methods and principles of TESL, intercultural communication, American dialects and grammar for teachers. Students also must complete a practicum or research project.

The master's degree in Spanish will enable students to extend and deepen their knowledge of language, literature and culture in the Hispanic world. The program also is designed to benefit scholars and students of numerous other disciplines, especially those interested in Latin America area studies.

Students will enroll in courses in the areas of literature, culture and language/methodology. Students also will be responsible for completing a list of required readings and for passing a comprehensive examination.

The degree programs have been reviewed and approved under the standard

procedures for the University and have the support of the Faculty Senate, the Council of Deans, the provost and the president. In addition, the Academic Officers Committee of the Presidents Council of State Universities endorsed them.

Offices move to new locations over summer

Board of Trustee actions and the completion of a new building have led to a number of major University office moves completed during the summer months or planned for the coming weeks.

Lee Honors College offices will complete a move this month into the college's new building located in the center of campus next to Rood Hall. All Lee Honors College offices formerly were located in Hillside West.

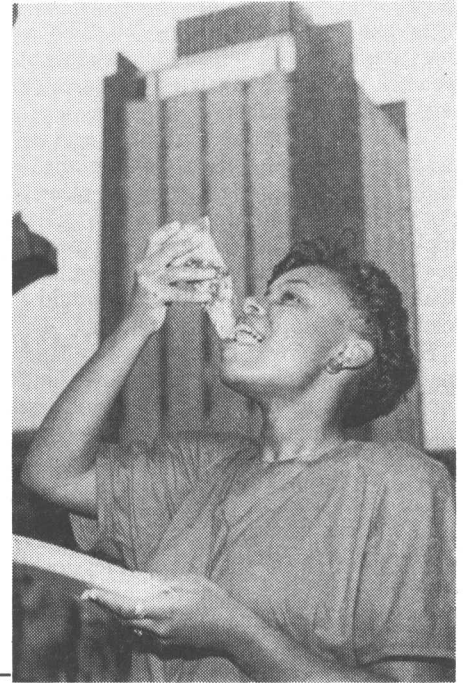
According to Registrar Dennis Boyle, a number of additional office location changes were made this summer to consolidate the offices of the new School of Community Health Services established by the Board. The Specialty Program in Alcohol and Drug Abuse (SPADA), located on the third floor of Ellsworth Hall, has been joined at that location by three other programs that are components in the new school -- the Gerontology Program, the Physician Assistant Program and the Specialty Program in Holistic Health Care. The school's fifth component, the health care administration concentration that leads to a master's degree in public administration, remains housed in Hillside East.

The School of Community Health Services' main office is located at B-302 Ellsworth. The main phone line for the



Freshman fun

First-year students received a special welcome to the University Sept. 3 at the fourth annual "For Freshmen Only" event. With the help of this summer's student orientation leaders, University officials introduced the Class of '94 to the rudiments of college life. The program in Miller Auditorium featured presentations by administrators and a performance by the Bronco marching band, above, which led the students in the alma mater and school fight song. The freshmen then adjourned to the fine arts plaza, where they were treated to refreshments. Simone Perry, right, a freshman from Detroit, enjoyed a slice of pizza in the shadow of Sprau Tower.



Engineering program now accredited

The College of Engineering and Applied Sciences has received official notification that one of its newest undergraduate programs has been accredited by the Accreditation Board for Engineering and Technology (ABET).

The Manufacturing Engineering Technology Program, established in 1985, has been accredited by the Technology Accreditation Commission of the ABET following a comprehensive review process that included an on-site visit to the University last September by representatives of the national agency.

Dean Leonard R. Lamberson, engineering and applied sciences, welcomed news of the accreditation decision. "I'm delighted that the excellence of this program has been confirmed by the national accrediting agency," he said. "ABET accreditation is really the quality control mechanism for engineering education."

"We're extremely pleased to have

achieved accreditation," said Harley D. Behm, acting associate vice president for academic affairs, who has been chairperson of engineering technology. "This development will help us attract increasing numbers of topnotch students and will help us communicate to industry the quality of our program."

According to Behm, the University began working toward accreditation for the program in 1986, shortly after the program was launched. One requirement of the lengthy process, he said, is that the program must already be producing graduates before accreditation is granted. There are now 17 graduates of the program and about 50 students currently working toward degrees.

The review process began with an intensive self-study conducted by department faculty members. The report from that study became the basis for the ABET accreditation team's on-site visit.

Among areas examined by the ABET review committee were: quality of the faculty; quality and availability of equipment and facilities; support of the University administration; caliber of students; student satisfaction with the program; and employer satisfaction with program graduates.

Behm said the review committee also examined the program's interaction with its Industrial Advisory Committee to see how well the department responds to the needs of industry.

Graduates of the program go into a variety of jobs in manufacturing and process engineering, particularly in the automotive, plastics and wood products industries.

Grant deadline is Oct. 5

The deadline to apply for Fulbright Grants for graduate study abroad in academic fields and for professional training in the creative and performing arts is Friday, Oct. 5.

These and other grants are available through the U.S. Information Agency, the Board of Foreign Scholarships and the Institute of International Education. Their purpose is to increase the mutual understanding between the people of the United States and other countries.

For more information, persons should contact Howard J. Dooley, international affairs, 2090 Friedmann Hall, 7-3951.

Four Michigan scholars find that climate is right for new state atlas

Nearly a decade of work by four Michigan scholars has produced a reference work that its authors hope will feed the public's growing demand for information about climate change and how this state's variable weather patterns affect economic prosperity and quality of life.

"The Climatic Atlas of Michigan," published in July by the University of Notre Dame Press, was a cooperative effort combining the resources of the Department of Geography at WMU, the Michigan Department of Agriculture's Climatology Division and the Department of Geography at Michigan State University. Publication of the 165-page work makes Michigan one of only a handful of states with its own climatic atlas.

According to Val L. Eichenlaub, geography, the work contains more than 400 maps and graphs -- most in full color -- that explain and illustrate Michigan weather in terms that any interested reader can understand.

"This is a reference work designed for the general user as well as the specialist," Eichenlaub says. "Everything is clearly explained in non-technical terms. The applications are just unlimited. Someone in the construction business or merchandising would find this useful. So would a television meteorologist or a farmer."

Eichenlaub worked with Jay R. Harman, MSU professor of geography and Fred V. Nurnberger, state climatologist for the Michigan Department of Agriculture, to compile the atlas data. Hans J. Stolle, geography, was cartographic director for the atlas. The four spent nine years working on the atlas part time while maintaining their regular professional schedules and job responsibilities.

"The need for this type of atlas had been talked about for years," Nurnberger says. "It was something that only became possible when all three institutions decided to work together."

The information assembled and interpreted for the atlas provides a comprehensive scientific record of Michigan climate presented in a format that also can be used outside the academic community. Records of temperature, precipitation, wind speed and direction, thunderstorms, pressure, tornados, evaporation, sunshine and cloud cover and solar radiation are graphically detailed.

The majority of the data covers 1951 to 1980 as the basic -- and most recent -- 30-year period that is the standard in climatology. However, some of the climate features analyzed by the researchers include data going back to early in the century. Tornado frequency statistics provided in Stolle's tornado section, for instance, go back to 1930. Some of the information included is as recent as 1988. All data is expressed in the familiar Fahrenheit format but metric conversion charts also are included.

Besides average and mean figures for climate conditions examined, the authors also included probability information generated by computer for temperature, precipitation and tornados. One map gives the probability of a recurrence of a tornado touchdown for areas previously hit.

"An emphasis on frequency of events is one thing we all liked about this project from the beginning," Harman notes.

The primary data source for the atlas was information gathered by the National Weather Service network of climatological observers. Michigan has 111 stations that report both temperature and precipitation. That data and other information housed in Nurnberger's office provided about 80 percent of the information for generating maps and graphs. He says the scope of the atlas is a product of the fact that the state data was newly computerized, a process that started in 1972 and was completed in 1987.

"Many of the products we put in the atlas had just never been available before," Nurnberger says. "It's new information in a new format. Probability data is something we were never able to generate before. That's possible now."

Other information found in the atlas came from data published elsewhere and from original research projects the team agreed needed to be completed for the atlas.

Those original research projects supplied information that many readers may

consider the most dramatic. One such project, by Eichenlaub, generated a section titled "Climate Change in Michigan." Modulation of Michigan's daily temperature range, a decrease in the amount of sunshine and a dramatic increase in "lake effect" snowfall are three of the climate changes highlighted.

Another section with unusual links to the state's economy was compiled by Harman and Nurnberger as they examined and interpreted data on the climate of Michigan's "fruit belt." Six state maps in that section graphically show the moderating effect of Lake Michigan on temperature.

Harman says the section grew out of research that he and Nurnberger were doing at the time the atlas was conceived. One of the most interesting things depicted in the section, he says, is the tendency of the zone of lake modified temperatures to narrow as it moved northward.

"That happens to coincide with actual land use patterns," Harman says, noting that it was gratifying when their research was supported by that fact. Their research on the fruit belt also demonstrated the impact that even subtle topographical changes can have on a region's climate.

The decision to compile the atlas sprang from discussions among Eichenlaub, Harman and Nurnberger in 1979. Work on data collection began in the

early 1980s and coincided with computerization of the state data. Automation proved invaluable for computing and plotting probability maps upon which Stolle's final maps were based.

Michigan's complex geographic features, most notably the effects of the Great Lakes, made it a tough state for which to compile an atlas, Eichenlaub says. "In a state like Kansas, the computer could have done it all."

The accuracy of the computer-generated maps might have been adequate for many other states, he says, but to correctly portray Michigan, the geographer's interpretive expertise and redrawing of the maps by hand were necessary.

Production of the atlas maps began in 1986 in the CartoGraphics Laboratory of WMU's Department of Geography. Taking many hundreds of sketch maps and designing them into one coherent volume of professional atlas cartography, Stolle says, was his task as cartographic director.

Over a period of three years, the majority of maps were made during the spring and summer. The art work was done by Christopher Forth of Kalamazoo, Douglas Kyle of Hickory Corners, Mary Dillworth of Memphis, Tenn., and Thomas Haney of Los Altos, Calif. All are now graduates of WMU's cartography program.

"Accomplishing the production of more

than 1,000 color separations of detailed line work, lettering and tint masks under these circumstances," Stolle says, "offered a once in a lifetime chance to apply just about everything I've learned during my 33 years as a cartographer."

Eichenlaub agrees with the "once in a lifetime" assessment of the nature of the project.

"There won't be another one," he says of the atlas, but notes that a number of interesting research projects could grow out of some of the data explored in the volume.

The primary source of funding for the developmental and cartographic work on the atlas and for the printing expenses came from WMU's Lucia Harrison Endowment Fund. The atlas is dedicated to Harrison, a member of the WMU geography faculty from 1912 until 1947 who had a strong interest in climatology. She died in 1974 and her bequest to the department made available an endowment fund to be used for the enhancement of geography at WMU.

Additional funding for the atlas was provided by the Michigan Department of Agriculture, WMU, the Michigan Meteorological Resources Program and the Kalamazoo Consortium for Higher Education.

The atlas is available for \$49.95 through the University of Notre Dame Press, Notre Dame, Ind. 46556.

Professional society boosts engineering education

A \$178,643 grant from a professional engineering society will give WMU students hands-on classroom experience with equipment they will use as manufacturing engineers.

The Society of Manufacturing Engineers-Manufacturing Engineering Educa-

Ziring elected president of Pakistan institute

Lawrence Ziring, political science, has been elected president of the American Institute of Pakistan Studies. His three-year term begins this month.

The AIPS was created in 1973 to enable American scholars to pursue research interests in Pakistan. Since its inauguration by Zulfikar Ali Bhutto, then prime minister of Pakistan, the institute has supported the pre-doctoral and post-doctoral work of some 120 scholars. The institute also arranges and administers visitations to the United States by Pakistani academics who spend between one and three months in research and lectureship assignments. WMU is among 27 universities who are members of the AIPS.

Funds for the programs are provided annually by the government of Pakistan through its Ministry of Education and by the American government through the U.S. Information Agency.

Ziring was a founding member of the AIPS and was its first secretary from 1973 to 1976. He has been a member of the AIPS board of trustees since its inception and has served on its executive committee since 1987.

He became interested in Pakistan studies as a student at Columbia University and was the first American student to associate with the Pakistan program at that university. The program at Columbia funded his first trip to Pakistan in 1957. In 1959-60, he taught international relations and political theory at Dhaka University in East Pakistan, which is now Bangladesh.

Ziring served as adviser to the Pakistan Administrative Staff College Project through Syracuse University from 1964 to 1966. A frequent visitor to Pakistan, he is the author and editor of a half dozen books related to the country, including "The Ayub Khan Era: Politics in Pakistan 1958-1969" and "Pakistan: The Enigma of Political Development." He currently is conducting research for a new book comparing the Bhutto years with the country's reign under General Mohammad Zia ul-Haq.



Ziring

tion Foundation recently made the award to WMU's Department of Engineering Technology. The one-year grant is the second largest award the organization made in this year's round of the annual grant program.

According to Ralph Tanner, engineering technology, who wrote the proposal that resulted in the award, the majority of the grant will come to the University in the form of software for the computer-aided design and computer-aided engineering laboratories in Kohrman Hall.

"This is applied engineering equipment that would typically be found in industry," Tanner says. "Having the equipment means that our students will have experience with new technology. This lays the foundation that will keep us current."

The SME makes the annual awards with priority going to engineering schools that are either seeking or trying to maintain accreditation for manufacturing engineering and technology programs through the Accreditation Board for Engineering and Technology. WMU's Manufacturing Engineering Technology Program recently successfully completed the ABET accreditation process.

Tanner says this is the fourth consecutive year that WMU has been funded by the SME, but the new grant is by far the largest one the University has received through the program.

"The SME has recognized our program at a number of conferences," Tanner says.

"The organization knows we are turning out students who will go out into industry and be productive very quickly. We have a growing reputation as a terrific hands-on engineering school."

Among the enhanced laboratory equipment that the University will receive are 10 software packages of a program called Smart-CAM, a product of the Point Control Co. of Eugene, Ore. The microcomputer-based package is designed to take an engineering design from the computer-aided drawing stage to the machining stage. The software works as an interface between the computer-aided design software and a numerically controlled machine that translates the design drawing into specific machining instructions.

Tanner expects the new software to become an important addition to the department's computer-aided design and computer-aided manufacturing classes.

In addition to Smart-CAM, the grant will provide additional computer-aided manufacturing software and funds for faculty development.

Tanner, who has written successful proposals for SME funding for the past four years, says the grant will enable WMU to keep current and continue to expand its offerings into new technical areas of manufacturing.

"This will have an impact on our future accreditation reviews," he says and adds that the department is looking forward to continued support from the SME.



CAREERS IN AVIATION -- About a dozen minority high school students or recent graduates participated in a two-week program in August in which they explored careers in aviation. The program, led by Daniel E. Peacock, right, engineering technology, was conducted by the Department of Engineering Technology with help from the Office of Minority Student Services at WMU's facility at the Kalamazoo/Battle Creek Regional Airport. The program, called "Challenge Your Horizons," included classroom discussion and elements of flight instruction.

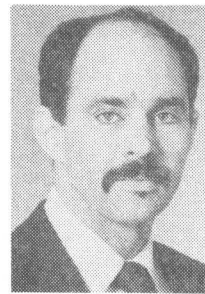


Moving in

Laundry carts were the vehicle of choice over the weekend as students moved into the residence halls. The trips from cars and trucks to rooms were made easier with the help of the Bronco Buddies, who offered residents extra hands.

Barcelona shares groundwater monitoring and analysis expertise with British officials

Michael J. Barcelona, Institute for Water Sciences, traveled to Great Britain last month to share his expertise in groundwater monitoring and analysis with 75 British business and government officials.



Barcelona

Barcelona was one of the instructors in an Aug. 22-23 training course presented by WMU and Aspinwall & Co., a British engineering and environmental consulting firm. The course, "Groundwater and Unsaturated Zone: Monitoring and Sampling Technology," was taught at Walford College near Shrewsbury.

Technical equipment for the course was supplied and demonstrated by QED Environmental Systems of Ann Arbor. QED is one of the world's leading manufacturers of monitoring and sampling equipment and is a corporate sponsor for WMU's Institute for Water Sciences.

The effort represents the first foray by WMU water specialists into the interna-

tional training arena. During the past two years, the IWS has offered seminars in Michigan and across the United States that focus on such environmental issues as hazardous waste management, environmental site assessments for property transfers, wetland protection and leaking underground storage tanks. Barcelona expects that in the near future, the institute will be involved in providing training to professionals in countries such as China and Taiwan.

According to Barcelona, the course in Britain was designed to share information on groundwater and hazardous waste site monitoring methods between the United States and Great Britain. Barcelona provided details on practical approaches that have proven effective in the United States as he described several case histories during course lectures. He also participated in the field demonstrations of monitoring and sampling techniques.

Interest in the area of groundwater monitoring is high, Barcelona says, because the United Kingdom anticipates more stringent regulation of solid waste management among European trading partners in coming years.

Mom and Pop spend money, while baby boomers maintain saving rates

If you see a bumper sticker that reads, "I'm spending my grandchildren's inheritance," it may not be just another attempt at humor by the driver.

Spending more money and saving less is a way of life for many older Americans, according to Raymond E. Zelder, economics. Zelder says that while it is generally assumed that baby boomers -- persons in the 25- to 44-year-old age bracket -- as well as young, urban professionals, are today's ultimate consumers, Mom and Pop are more inclined to spend their money, rather than save it. Being thrifty, on the other hand, is what the baby boomers are doing better than their parents.

Zelder bases his findings on a study he has completed that examines Americans' personal saving behavior and today's saving trends. He has found that personal saving rates in the United States are down; they have declined throughout the 1980s. Although economists can only speculate over the reasons behind the saving decline, Zelder believes that older Americans' trend toward spending money, rather than saving it, is a major factor.

"It's the older people," he says. "They're still saving their money, but their rates have come down considerably. That, unfortunately, has pulled down the overall saving rate."

When comparing 1972-1973 with the 1980s, for example, Zelder's research shows large saving declines primarily



'It's the older people. They're still saving their money, but their rates have come down considerably. That, unfortunately, has pulled down the overall saving rate.'

--Raymond E. Zelder

concentrated in the 45 and over age group; the largest decline was in the 65 and over age group. For these groups, the saving rates during the 1980s ranged between minus 5 percent and minus 15 percent below the rates in the early 1970s.

Younger Americans, aged 25 to 44, on the other hand, are maintaining their savings, according to Zelder. "It's not that young people don't have low saving rates," he says. "But their rates are about like they were 20 years ago."

His research on the younger age group shows only relatively minor changes in the saving rates during the 1980s when compared to 1972-1973. The changes ranged between plus 5 percent and minus 5 percent compared to the early 1970s.

Zelder believes young people are saving more because they worry more about their financial future. "It seems there is more uncertainty among young people these days, compared to older people," he says. "When questioned in my classes, for example, the students say, 'I don't believe Social Security is going to be available to help me when I need it.'"

"On the other hand, the older people's financial positions have been improved by the increases during the 1970s in Social Security benefits and the provision of Medicare. These factors have lessened the economic uncertainties faced by the aging, reducing their need to save for their retirement years. So, they don't worry as much about the future."

While some older Americans are enjoying their carefree spending days, their disinterest in saving may be hampering the nation's economic progress. Fewer savings result in less investments in finance and industry, for example. Zelder says the nation's technology, productivity and economic competitiveness suffer when too many Americans spend their money rather than investing it. Such practices also don't provide a very promising future for their children and grandchildren.

Making sure the nation's saving rates remain strong enough to fuel the economy may require some changes in government fiscal policies, as well as Americans' attitudes on spending. Zelder cites possible policy changes such as offering more tax benefits for savings, and eliminating taxation of interest income or dividend income. The elimination, he says, could increase the after-tax returns on savings. If taxation of savings were eliminated, people would be encouraged to save more

and consume less.

Reinstituting full individual retirement accounts or increasing IRA deductibilities could persuade people to save more for their retirement since the taxes on the funds would be deferred until they retire, according to Zelder.

Eliminating some interest deductibility, particularly for second homes or on home equity loans -- which really are used for cars, boats or vacations, instead of home ownership -- might also help. This action, he believes, would give people less incentive to buy second homes; the

money would then be freed for saving.

The spending behavior of younger Americans might become the measure of how well the nation's economy runs in the future. Zelder says the economic outlook is promising, providing the baby boomers continue their saving performance of the last decade. "Savings would improve, and younger people would maintain higher rates of savings than their parents have been doing," he says.

"On the other hand, if they act like their parents, we're in for trouble in the area of national savings."

Judging from America's economic history, don't count on young people to act much differently than their parents when it comes to the desire to spend money versus saving it, according to Zelder.

"Americans feel like they deserve to consume," he says. "What economists mean when they say 'save more,' is 'consume less.' That's not an appealing message to most people."

Woloszyk is co-author of marketing materials

Improving instruction for high school and vocational students in advanced concepts of marketing is the goal of a new set of materials co-written by a WMU faculty member.



Woloszyk

Carl A. Woloszyk, consumer resources and technology, is the co-author of "Marketing Essentials," a five-part package of materials for high school and vocational center marketing courses. Woloszyk was assisted by two other authors: Lois S. Farese, a teacher at Northern Highlands Regional High School in Allendale, N.J.; and Grady Kimbrell, a nationally recognized author and consultant on career education from Santa Barbara, Calif.

The materials are published by Glencoe/McGraw-Hill of Mission Hills, Calif. They consist of a 550-page student textbook, a teacher's annotated textbook for class instruction, a marketing project workbook for students, a mathematics workbook for marketing, and software for teachers who want to prepare their own tests by using a computer.

Woloszyk contributed 19 of the student textbook's 45 chapters. His chapters explore entrepreneurship, management information systems, business operations and promotion.

While there are several marketing textbooks that are written for secondary schools, Woloszyk believes "Marketing Essentials" offers a more complete package for teachers and their students. For example, three chapters are devoted entirely to mathematics, along with an

accompanying math workbook that's directly tied to the textbook.

Woloszyk says the integration of math helps students understand the importance of having good math skills in marketing. Students, he believes, would need those skills in general business operations as well as in the areas of promotions or the retail industry, for example, where they must handle pricing applications such as calculating dollar and percentage mark-ups.

"Just about any business or marketing function draws heavily on math skills," he says. "In addition, the math integration reinforces the nation's renewed emphasis on teaching students basic skills."

The materials have a teacher's annotated version, which includes actual lesson plans to teach it as part of the textbook. "The annotations encourage critical thinking skills, help make the class interesting and reinforce math skills," he says. "None of the competing books have that."

The five-part package also includes actual marketing industry case studies, including familiar businesses such as the Disney Stores and Famous Amos cookies. The case studies examine current marketing practices that help students apply selling techniques, and provide questions that challenge students' decision-making skills.

Kaz to be feted Sept. 14

The University community is invited to a reception honoring the retirement of Tulla Kaz, College of Arts and Sciences, on Friday, Sept. 14. The event will be from 3 to 5:30 p.m. on the 10th floor of Sprau Tower.

Directory updates and corrections requested

Is your directory information current?

The 1990-91 WMU Faculty/Staff/Student Telephone Directory is being prepared. The names, titles or classifications, campus addresses and campus telephone numbers of all employees will be included in the shaded-edged section of the directory.

Certain options are available regarding the amount of home information that will be published in the directory. They are:

- **Complete home information** -- spouse's name (if applicable), street address, city and telephone number. There is no need to do anything if this is what you want and your records are up to date.

- **No home information of any kind** -- please forward this request with your social security number to Jean M. Cheever, telecommunications, by Wednesday, Sept. 12.

- **Omission of spouse's name or an unlisted telephone number** -- please change your University master file record through the human resources information systems office. See the "Human Resources" column on page seven for more information.

Persons with questions should contact Cheever at 7-2329.

Geologist takes voyage to the bottom of the sea

A WMU faculty member has spent his past two summers unlocking the geologic mysteries that resulted in the formation and current slow destruction of the Sea of Japan.

David A. Barnes, geology, was awarded an 18-month, \$17,265 grant from the Texas A & M Research Foundation to pursue his research with the Ocean Drilling Program (ODP), an international partnership of scientists and governments formed to explore earth's last frontier -- the ocean floor.

Barnes is an expert in sedimentology, the study of rock formations formed by materials deposited by water, wind or glaciers. He was selected to work aboard the ODP's drill ship, the Joint Oceanographic Institutions for Deep Earth Sampling (JOIDES) Resolution, for two months last summer as he and an international team of scientists drew core samples from the sea's bottom.

This summer, he visited Japan again to examine rock deposits along the west coast of the country and compare those sedimentary deposits with those he found at the bottom of the sea last summer. He will return to Tokyo in the fall for a four-day meeting with shipboard colleagues to lay plans for publication of their study results.

The main purpose behind last summer's cruise in the Sea of Japan and the participating scientists' continued examination and interpretation of the data obtained on the cruise is twofold, Barnes says.

"First," he says, "we are trying to get a complete picture of the earth movements that formed this particular area of the world's oceans. Local Japanese geoscientists are very interested in this area. The Sea of Japan also is typical of a small marginal sea and we need to understand the tectonic processes that form such seas."

"Secondly," Barnes says, "this is a good area to study the influence of clima-

tic changes on the oceans because the area has a complete succession of strata and may provide a good record of oceanographic, as well as climate changes. This is one way of evaluating the impact that humans may have on current climate change."

The Sea of Japan, which is about the size of Texas, was formed, Barnes says, at about the same time the India subcontinent collided with Asia, resulting in violent land upheavals and the formation of the Himalayas. The sea was formed when a rift or split occurred on the eastern edge of the Asian continent and a piece (now the Japanese islands) separated from the mainland. The area of the rift foundered and eventually sank, forming the sea bottom. For several million years, the sea continued to deepen and spread. About 2 million years ago, the sea began to contract and shrink, triggering earthquakes that still plague northern Japan.

The opening of the sea was the result of moving crustal plates and among the team's most important findings, Barnes says, is the exact location of the line where the Eurasian and North American Plates now meet under the sea. The team also has established a tentative timetable for when the sea stopped growing and began to contract. These earth movements now result in frequent, destructive earthquakes on mainland Japan.

To compile the data that lead to such conclusions, the 28 scientists from six nations on the JOIDES Resolution last summer worked around the clock in 12-hour shifts drawing core samples and examining them for clues to the geologic processes that put them there.

Volcanic activity, massive sediment deposits from Ice Age glaciers and organic deposits formed during times of varying sea levels have left layers of sediment that record the sea's responses to earth movements and changes in the earth's climate.

The shipboard atmosphere was invigorating and very intense, Barnes says. While a typical geology community would have several people with some common expertise and interests working on separate projects, the ODP cruise brought together an international community of scientists, each with a different field of expertise, but each totally involved in finding answers to the same questions.

"A Japanese paleontologist and I could be looking at the same sample of rock for different things," he says. "But we were both trying to compile information that would contribute to the goals of the cruise."

The JOIDES Resolution is the official research vessel for the ODP, which is funded by the U.S. National Science Foundation, Canada and Australia, the European Science Foundation for the Ocean Drilling Program, the Federal Republic of Germany, France, Japan and the United Kingdom.

The drill ship contains laboratories for on-board examination of core material retrieved as well as photographic and X-ray equipment and library facilities. A technical staff of 10 and a cruise staff of about 60 are permanently assigned to the ship to assist teams of scientists who are temporarily on board to fulfill the mission of each cruise or "leg" of ODP research.

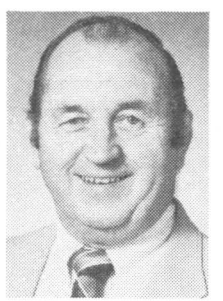
Texas A & M University is the administrative unit responsible for providing logistic and technical support for teams, for managing scientific meetings before and after cruises and for supervising the editing and publishing of scientific results.

JOIDES, an international group of scientists, provides scientific planning and program advice. The current focus of ODP research is understanding the complex tectonic or geologic structural zones below the western Pacific.

Barnes joined the WMU faculty in 1986 after six years of employment in the oil industry in San Francisco and Dallas. He earned a bachelor's degree from San Francisco University and a doctoral degree from the University of California at Santa Barbara. He is a member of the American Association of Petroleum Geologists and the Society for Sedimentary Geology. In addition to his Sea of Japan research, Barnes also is currently investigating the St. Peter Sandstone formation that underlies Michigan's petroleum-producing areas.

Smith elected chairperson of statewide council

Dean Geoffrey A. Smith, continuing education, has been elected chairperson of the Michigan Coordinating Council for Continuing Higher Education for 1990-91.



Smith

The council is a statewide continuing higher education organization comprised of two delegates from each member institution of the President's Council of State Universities. The delegates are appointed by the president of each institution for a one-year term.

Smith served as chairperson-elect of the CCCHE for 1989-90, and was chairperson in 1978-79. He also served as secretary/treasurer of the organization from 1985 to 1988 and from 1974 to 1977. He has been a delegate to the council since 1973.

The President's Council of State Universities established the CCCHE with the mandate to develop a coordinated continuing education program for the state. The extension and continuing education units of the institutions are committed to a voluntary system of cooperation and coordination of continuing education programs on both a regional and statewide basis.

Women sought for study

Early detection and treatment can prevent 50 percent of deaths due to breast cancer. Female faculty and staff members are invited to participate in a research project that will offer free breast self-examination training.

On-campus, individual training sessions will be scheduled at your convenience. If you are interested in an opportunity to learn a valuable health care skill and to contribute to research on women's health issues, contact R. Wayne Fuqua or Bernardine Pinto, psychology, at 7-4492.

Reception set for Asher

A retirement reception honoring E. Jack Asher, institutional research and psychology, is scheduled for 3 to 5 p.m. Friday, Sept. 14, at the Oaklands. The University community is invited to attend.

Media

John A. Kundel, student financial aid and scholarships, discusses student loans on "Focus," a five-minute interview produced by News Services. "Focus" is scheduled to air Saturday, Sept. 8, at 6:10 a.m. on WKPR-AM (1420) and at 5:45 p.m. on WKZO-AM (590).

"WMU Forum," a program produced by media services for Kalamazoo Community Access Television, will air at 8 p.m. Friday, Sept. 7, on Channel 30. Host Ronald C. Kramer, sociology, will talk about "Sunseeker," the WMU/Jordan College entry in this past summer's GM Sunrayce, with Richard B. Hathaway, aircraft and automotive engineering, and three students. The program will be repeated at: 8:30 p.m. Sunday, Sept. 9, on Channel 30; 10 p.m. Tuesday, Sept. 11, on Channel 32; and 7:30 p.m. Thursday, Sept. 13, on Channel 32.

"Gathering the Tribes," a program produced by media services, will air on Kalamazoo Community Access Television Sept. 9-15. The documentary features the imagination and creativity of Michigan poet Carolyn Forché. It will air on Channel 30 at 9 p.m. Sunday, Sept. 9; 6:30 p.m. Tuesday, Sept. 11; and 6:30 p.m. Saturday, Sept. 15. It also will air on Channel 32 at 8 p.m. Friday, Sept. 14.

"Facing North/Facing South: Reciprocity," part of a series of programs taped during last fall's conference, "Facing North/Facing South: A Colloquium on Canadian American Relations," will air on Kalamazoo Community Access Television Sept. 9-15. Produced by media services, the shows will air on Channel 30 at: 5 p.m. Sunday, Sept. 9; 6 p.m. Wednesday, Sept. 12; 7 p.m. Friday, Sept. 14; and 7:30 p.m. Saturday, Sept. 15.

Media Services

EduCABLE, a 43-channel cable television system owned and operated by WMU, made its debut on campus Sept. 1. EduCABLE will provide all local commercial and public television stations, a blend of entertainment channels, several educational channels and exclusive campus channels.

This cable system is the result of years of planning, according to Frank R. Jamison, media services. "It represents one of the most complete campus cable television systems in the country, with programming to suit a wide variety of interests, groups and academic areas," he said.

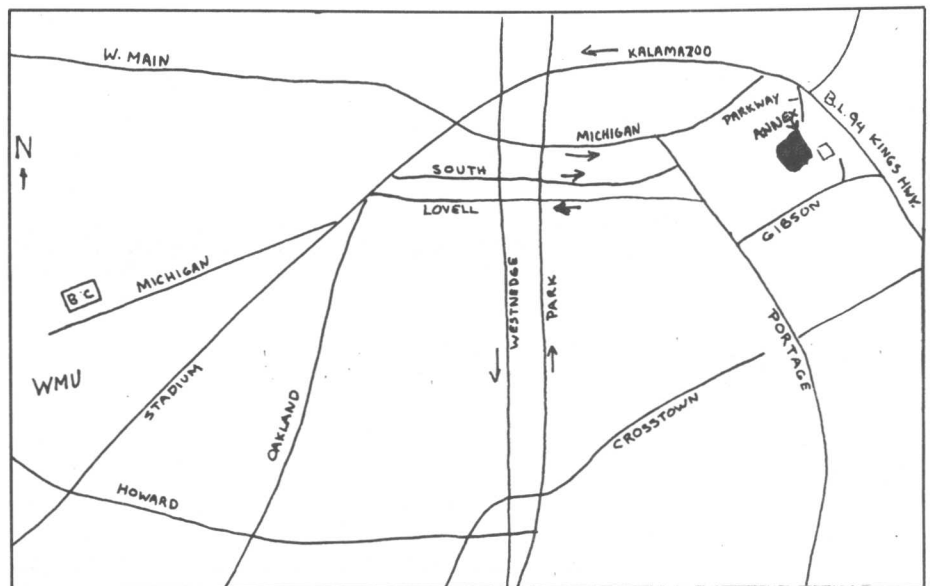
Networks on the system include MTV, CBS affiliate WWMT (Channel 3), NBC affiliate WOTV (Channel 8), Chicago Superstation WGN (Channel 9), the Learning Channel, Black Entertainment Television, PBS affiliate WGTV-TV and ABC affiliate WUHQ-TV (Channel 41).

The system also will include a WMU electronic bulletin board channel that will list various campus events and student produced shows, Kalamazoo Community Access Television Channels 30 to 33 and two audio channels that will provide news in English and the BBC World Service.

International programming will have special appeal to the more than 1,000 international students enrolled at WMU, most of whom live on campus. The international channels include: SCOLA, which provides newscasts from more than 31 nations; TCTV, a French language channel from Canada; TV-5, a French network from France; UniVision, a Spanish international network; and Bravo, which features foreign films.

This EduCABLE will be provided free to about 6,500 students in 3,200 residence hall rooms and 600 apartments on campus. Any television set that residents wish to bring to campus will work with EduCABLE. Those with "cable ready" will receive all services (Channels 2 through 46); however, older or less expensive newer sets may only receive the first tier of services (Channels 2 through 13). Western's Campus Bookstore will have converter boxes available for sale so that sets may be equipped to receive all channels.

Garry W. Vander Ploeg, telecommunications, was responsible for the overall planning of the physical installation of 37,000 feet -- or about seven miles -- of cable throughout the campus.



Here is the easiest route to the Annex, which temporarily houses circulating books and bound journals from Waldo Library.

Libraries

Because of the remodeling of Waldo Library, some library services have been moved temporarily to new locations. But library users can still have access to circulating books and bound journals formerly housed in Waldo Library.

These materials are now located in a warehouse on the east side of Kalamazoo. Shuttle service for materials (not users) is offered seven times a day. To get materials from the "Annex," users must fill out a request form available at the circulation desk now located on the ground floor of the Bernhard Center. Please allow 24 to 48 hours for these requests to be filled.

Direct access to the Annex is available on a first-come, first-served basis to pick up circulating materials and to review and

photocopy journal articles. The hours of the Annex are: 8 a.m. to 6 p.m. Mondays through Fridays; 10 a.m. to 5 p.m. Saturdays; and noon to 5 p.m. Sundays.

Please remember when making in-person requests at the Annex that materials housed there do circulate through our document delivery service and that materials that have been loaned to other users will not be available on the shelves.

If you visit the Annex, remember that this is an industrial area and that children must be accompanied by an adult at all times. The easiest route to the Annex is indicated on the map accompanying this article. The Annex telephone number is 382-7000. For information about other library services, call 7-5155.

Employee tuition discount may be taxable

Due to recent Internal Revenue Code revisions, the tuition discount for some employees taking graduate courses will need to be reported as taxable income.

Until now, the tuition discount for any WMU employees has not been taxable. But beginning with the 1990 fall semester, the value of this benefit for some employees taking graduate courses must be reported as taxable income on employees' W-2 forms and payroll taxes must be withheld from the employees' paychecks.

Employees taking graduate courses to maintain or improve employment skills or to retain compensation level or employment status will be excluded from having the discount taxed.

To determine whether or not the graduate tuition discount is taxable, the internal audit office will be mailing a questionnaire to employees taking advantage of this benefit within 14 days of the beginning of the semester. The questionnaire will ask for verification of current enrollment status and information regarding courses as they relate to faculty and staff members' employment at WMU.

The internal audit staff will evaluate the questionnaires to determine if the required relationship between the graduate classes and employment exists for the benefit to be excluded from taxable income.

If the relationship does not exist or if employees do not return the questionnaire, they will be notified that the value of the benefit will be taxed. The amount of the tuition discount will be included on the employees' W-2 forms and the appropriate payroll taxes will be withheld from one or more paychecks. The amount withheld will equal 32.25 percent of the amount of the discount -- federal (20 percent) and state (4.6 percent) income tax withholding and the employees' share of FICA (7.65 percent). The University also will be required to pay an additional 7.65 percent as the employer's share of FICA.

The new policy will apply only to regular employees using the tuition discount to take graduate classes and will not affect the tuition remission for spouses and dependents of employees or graduate assistants receiving tuition reductions.

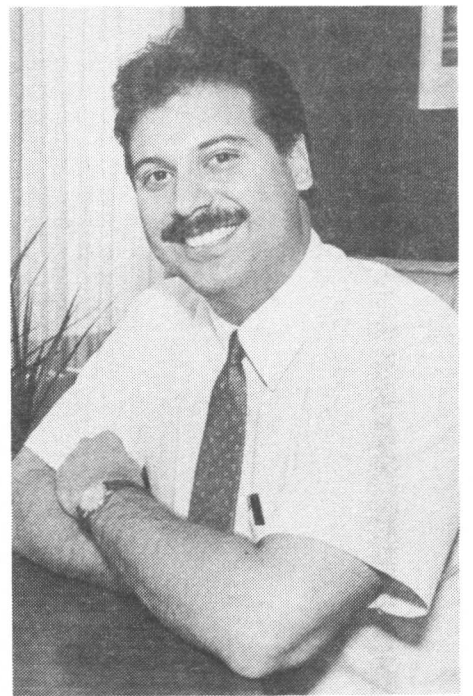
For more information, persons may contact Terry G. Spencer, internal audit, at 7-2986.

'On Campus' ideas sought

Is there a University staff member you would like to see featured in "On Campus"? Please contact Ruth A. Stevens, news services, at 7-4100 with your ideas.

On campus

STRIVING FOR QUALITY STUDENT LIFE -- The beginning of a new academic year is a busy time for most WMU staff members. But imagine having to plan and pull off a welcome back gathering for 10,000 people! That was the job faced this week by Paul F. Iagnocco (pronounced ihn-YAH-coh), director of student life. He was in charge of making sure Tuesday night's Bronco Bash came off without a hitch, as well as organizing Monday night's "For Freshmen Only" event. Besides these two activities, Iagnocco oversees such other large campuswide programs as student involvement in Homecoming and the University's participation in the "Welcome Back WMU" celebration downtown. He also is responsible for overseeing more than 250 student organizations, 34 Greek letter organizations, student government and WIDR-FM. In addition, he is developing a leadership program for students. "Students are out of the classroom for 70 percent of their time at the University," he says. "We provide them with some developmental programs to fill that time as well as some activities that just allow them to unwind. When they're able to relax, they're more likely to excel in the classroom." Iagnocco brings to his position some knowledge of what it's like to be student at WMU. He earned his bachelor's degree from the University



in 1985, a teaching certificate in 1987 and currently is completing a master's degree. He was a graduate assistant in the Office of Student Life from 1987 to 1989, and a program coordinator in that office from 1989 until this past January, when he became interim director of student life. He recently was named to his present position.

Exchange

FOR SALE -- Cottage, two bedrooms, newly remodeled, screened porch and deck on Beech Island, Pine Lake, and large pontoon boat, \$58,000. Call Annette at 349-1188 or 664-4040.

FOR SALE -- Condominium: one-bedroom townhouse, one-half mile west of campus. Redecorated and central air. Excellent investment for permanent occupancy or rental. Call 7-2400.

FOR SALE -- Cherry Knoll two-bedroom townhouse. Quiet end location. Remodeled and redecorated, private patio and large garage. Available immediately. Call 343-2130 between 6 and 10 p.m.

FOR SALE -- 1984 Buick Century, immaculate, loaded, \$2,900. Call 343-6046.

Service

These employees are recognized for five, 10, 15, 20, 25, 30 and 35 years of service to the University in September:

35 years -- Alan S. Brown, history; Robert A. Palmatier, languages and linguistics; and John Woods, English.

30 years -- George T. Beech, history; Milton J. Brawer, sociology; Donald J. Brown, chemistry; Albert E. Castel, history; Joseph G. Engemann, biological sciences; Clare R. Goldfarb, English; Russell M. Goldfarb, English; Graham P. Hawks, history; Chris Koronakos, psychology; Henry A. Raup, geography; Harold L. Ray, health, physical education and recreation; and Werner Sichel, chairperson of economics.

25 years -- Vera A. Goodeve, logistical services-freight, postal and delivery; Larry C. Hoikka, engineering technology; and Frances Therikidsen, logistical services-freight, postal and delivery.

20 years -- James E. Amos Sr., residence hall custodial; Gregory W. Boothroyd, Counseling Center; Jeffrey W. Decker, physical plant-L/G maintenance; Harold W. Homan, physical plant-B/E maintenance; Louise E. Reed, sociology; Suzanne M. Timmer, education and professional development; and Marvin J. Weessies, blind rehabilitation.

15 years -- Brenda S. Grimm, printing services; Frank Peck, Bernham Center maintenance; Donald Penskar, logistical services-purchasing; James R. Sanders, Evaluation Center; and Carol J. Shuster, accounts payable.

10 years -- Jeanine M. Bartholomew, Lee Honors College; Barbara A. Bennett, off-campus life; Diane Bronson-Schuldt, residence hall custodial; Veronica Butners, Sindecuse Health Center; Patricia Carlson, Sindecuse Health Center; Jac-

Human Resources

Directory information needed NOW

In mid-August, all faculty and staff were mailed a memo by the information systems office of the Department of Human Resources concerning the information in their employee file from which the Faculty/Staff/Student Directory listing is pulled. Updates and corrections to this information are kept in your permanent employee file.

If the information shown on the label addressing that memo is correct, no action on your part is necessary. Any changes or corrections to the information shown on the label are due in the information systems office by Friday, Sept. 7, to ensure your correct listing in the directory. Changes may be made directly on the memo, or on the back of your paycheck envelope. If you have any questions, please call information systems at 7-3622.

Pauline M. Trembley, director of in-

formation systems, reminds that there are several kinds of directory change requests frequently received that her office is unable to honor: **use of nicknames** -- your legal name must be maintained because the file is used for mailing purposes and for federal wage and income tax statements; **spacing in two-part surnames** -- our system will only accept a single last name (no spaces), a single first name and a single middle initial, but it will accept a single first initial and use of second complete name; **spouse name** -- only eight spaces are available; **home addresses** -- when they are longer than can be accommodated, we abbreviate as best we can, and we do not have space for the zip code extension; **building names** -- the official University three-position building abbreviations are used; **titles** -- non-bargaining titles are assigned by the University Classification and Compensation System and are not subject to change by others; **multiple department names and/or telephone numbers** -- capacity is limited to one per person; and **specific unit names** -- general department names are maintained for generating mailing labels for postal delivery on campus, so we prefer not to list small units.

Trembley wishes to stress that careful security is exercised over who has access to information maintained in personnel files. Both state and federal laws exist regarding employment information security, and University policy covers accessibility regulations.

Assisting Trembley are: Krista Olsen Cekola, information systems coordinator; Malcolm Malott, applications program-

Zest for Life

About 150 WMU employees will be participating in one of three Zest for Life Corporate Olympics teams this fall. Come out and cheer us on to victory Sept. 19-22 at Kalamazoo Central High School. Opening ceremonies and tug-o-war play-offs will be Thursday, Sept. 13, at Wings Stadium. For a complete schedule of events, call the Zest for Life office at 7-3262.

Stair Masters are now available in the Zest for Life Fitness Room in the Gary Center. Try out this new low impact option that strengthens the cardiovascular system and burns calories while stepping. The Fitness Room re-opened Sept. 5.

Zest for Life fitness programs start the week of Monday, Sept. 17. To register for Total Fitness (aerobics), Step Into Fitness (low impact aerobics), Aqua Fitness, Circuit Fitness, Yoga Stretch and Tone or Ease Into Fitness -- a program for beginners -- call 7-3262.

mer; and Kandeiss-Toi Marshall and Anita Knight, secretaries.

Applicant information service available

A new service for persons seeking general information about employment opportunities at the University and current positions being posted each week is now available through the employment services office of the Department of Human Resources. The number to call on your touchtone telephone is 7-3669.

'Establishing Performance Measures' offered

All supervisors of non-bargaining unit employees are invited to attend a workshop on "Establishing Performance Measures" from 8:30 to 11:30 a.m. Wednesday, Sept. 12, in 204 Bernhard Center.

Instructor Ann E. Houser, human resources, will suggest ways to set challenging yet attainable performance standards that can be measured by an employee's success. This seminar is planned to help supervisors prepare for their responsibility of annually evaluating performance of their employees.

For reservations, call Chrysa K. Richards, human resources, at 7-3620.

Jobs

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

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

(R) **Secretary III**, S-06, Institutional Advancement, 90/91-107, 9/4-9/10/90.

(C) **Tape Librarian**, S-06, Data Processing, 90/91-108, 9/4-9/10/90.

(R) **Utility Food Worker** (9 Positions; .65 FTE; Academic Year), F-1, Dining Services, 90/91-110, 9/4-9/10/90.

(R) **Secretary II**, S-05, Counseling Center, 90/91-111, 9/4-9/10/90.

(R) **Dining Services Custodian** (2 Positions; .65 FTE; Academic Year), F-2, Dining Services, 90/91-112, 9/4-9/10/90.

(C) Conversion

(R) Replacement

WMU is an EEO/AA employer

Applicant Information Service 7-3669

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



NEW FACULTY -- A. Bruce Clarke, left, provost and vice president for academic affairs, was on hand to welcome new faculty to the University during a day-long orientation organized by the Office of Faculty Development. Among those attending the Aug. 31 session were, from left: Albert LaVergne, art, who was a Martin Luther King Jr./Cesar Chavez/Rosa Parks Visiting Professor here last year and comes to WMU from Southern University in Baton Rouge, La.; Marcia A. Kingsley, University libraries, who comes from George Mason University in Fairfax, Va.; and Huizhong Zhou, economics, who comes from the University of Michigan in Ann Arbor. Nearly 70 new faculty have been appointed for the coming year. During the orientation, they learned about the organization of the University, undergraduate and graduate students, academic and instructional services, research opportunities and institutional services.

Visser, Van Der Kley promoted to new jobs

The promotions of two staff members were approved July 27 by the Board of Trustees.

James A. Visser, director of the Community Information System since 1988, was named assistant vice president for regional education and economic development. Janice J. Van Der Kley, director of internal audit since 1989, was appointed director of operations in the Office of Institutional Advancement.

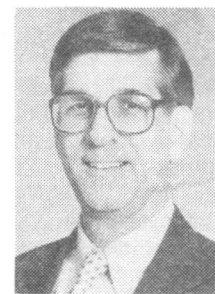
Visser, whose appointment was effective July 30, 1990, replaces L. Michael Moskovis, former associate vice president for regional education and economic development, who recently was named vice president for institutional advancement.

Visser will assist Richard T. Burke, vice president for regional education and economic development, with his responsibilities for overseeing economic development activities at the University. His duties will include coordinating University efforts to implement special economic development projects such as the recently proposed business and research park, and overseeing Western's Office of Public Service (WESTOPS) and WMU's participation in the state's Technology Transfer Network.

In addition, Visser will direct a new Center for Regional Economic Development. The center will identify economic development and related public policy issues and needs in West Michigan, and sponsor or act as a catalyst for University



Van Der Kley



Visser

research and investigation into these areas.

Before joining the WMU staff, Visser was executive director of the Kalamazoo Downtown Development Authority from 1982 to 1988 and manager of the Economic Development Division of the city of Kalamazoo from 1979 to 1982. He also held planning and community development positions with the city from 1976 to 1979.

Van Der Kley's appointment in the Office of Institutional Advancement, which was effective July 1, 1990, is a new position. She will direct all business operations for the office by establishing and maintaining financial and auditing procedures.

A WMU staff member since 1983, Van Der Kley began working as an internal auditor. She was named WMU's associate chief accountant in 1986, the title she held until being named director of internal audit.

Van Der Kley also has been an instructor in the Department of Accountancy, and is a certified public accountant.

Sociology journal garners attention from abroad

A special issue of a professional journal published at WMU is receiving international attention for its focus on the critical link between housing and health.

The March issue of the Journal of Sociology and Social Welfare, a quarterly published under the guidance of three WMU scholars, was devoted to an examination of worldwide housing problems and their effect on health.

The issue has attracted attention from the World Health Organization, which has featured it in a newsletter designed for institutions and professional personnel who work in the fields of environmental health and rural and urban development. The organization has ordered 200 extra copies for distribution by its offices in Geneva and Copenhagen. A Swedish university research office also has ordered 100 extra copies.

Robert D. Leighninger, sociology, edits and publishes the journal along with associate editors Danny H. Thompson and Edward J. Pawlak, both social work. The trio have been working for several years to bring the journal to the point at which it can focus on doing developmental work on such emerging issues.

The guest editor for the special issue, "Housing Health and Well-Being," was Roderick J. Lawrence of the Centre of Human Ecology and Environmental Sciences at the University of Geneva, Switzerland. Fifteen scholars from six

nations contributed articles to the journal.

According to Lawrence, the broad distribution of the contributors as well as the diversity of their academic training indicates the large amount of interest in the topic and the wide range of perspectives used to examine it. Homelessness, housing standards and the health effects of different kinds of housing materials are among the areas covered in the issue.

Specific topics covered in the issue's nine papers include: "Factors in Urban Stress," "Home Safety: The Challenge to Public Health" and "Housing and Health in Beijing: Implications of High-Rise Housing on Children and the Aged."

According to Leighninger, the housing and health issue grew out of discussions he had with Lawrence when the pair met at a housing conference in Amsterdam two years ago. The attention the issue has attracted, he says, signals a breakthrough to an international audience for the journal which has been published at WMU since 1987.

"Although we've published articles from around the world and we have an international list of subscribers," Leighninger says, "this is the first truly international issue in which an attempt was made to bring together research from different countries focused on a single theme."

A second international issue is in the works for March 1991. Guest editors for

the issue will be Thomas R. Holmes and Gary Mathews, both social work. The issue will focus on international mental health and will feature a change in format that should result in the presentation of some valuable data on comparative mental health issues, Leighninger says.

"Gary and Tom have formulated a set of questions and a format for each contributing author to use to describe his or her country's national mental health system," he says. "There will be a common format in which the information will be presented."

The Journal of Sociology and Social Welfare is published four times each year at WMU's School of Social Work. It is sponsored jointly by WMU, the College of Health and Human Services and the School of Social Work.

Touchdown Club lunches set

The Division of Intercollegiate Athletics invites faculty and staff members to this fall's Downtown Touchdown Club Lunches at the Kalamazoo Center.

The club, made up of local business, city and campus leaders, will sponsor the lunches from 11:30 a.m. to 1 p.m. on these Fridays: Sept. 7; Sept. 14; Sept. 21; Oct. 19; Nov. 2 and Nov. 16.

Tickets are \$6 each or a season book of six for \$30, and may be purchased by calling the Gary Fund office at 7-3100.

Brady heads law group

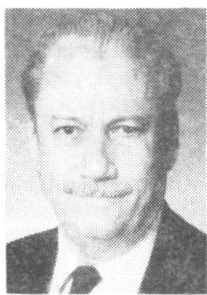
Trustee James S. Brady of Grand Rapids has been elected president of the 1,400-member Grand Rapids Bar Association. Brady is a partner in the law firm of Miller, Johnson, Snell & Cumiskey.

Faculty, staff retirements granted by Board

The retirements of six faculty members and one staff member were approved July 27 by the Board of Trustees.

The faculty members granted retirement with emeriti status, along with their years of service and effective dates, are: Robert M. Brashear, education and professional development, 21 years, effective Jan. 2, 1991; John W. Cummings, engineering technology, 28 years, effective Dec. 31, 1990; Jacqueline J. Driscoll, University libraries, 11 years, effective April 26, 1991; Russell J. Grandstaff, theatre, 26 years, effective April 30, 1991; Arthur T. Howson, education and professional development, 24 years, effective April 26, 1991; and Mary L. Taylor, University libraries, 40 years, effective Dec. 31, 1990.

The staff member retiring is Annie Slaughter, physical plant-custodial



Brashear



Cummings



Driscoll



Grandstaff



Howson

services, 13 years, effective July 31, 1990.

Calendar

SEPTEMBER

Thursday/6

(thru 21) Exhibit, "Landscapes, Birds and Flowers," by Molly Jo Bonner, watercolorist, 1240 Seibert Administration Building, weekdays, 8 a.m.-noon and 1-5 p.m.

Friday/7

*Management and executive development seminar, "Successfully Working With People," Ron G. Wells, Comprehensive Performance Systems, Indiana, Fetzer Center, 8:30 a.m.-4:30 p.m.

Soccer, WMU vs. Goshen College, Waldo Stadium, 5 p.m.

Saturday/8

Women's cross country, WMU vs. Central Michigan University, Arcadia Course, 11 a.m.

Sunday/9

Soccer, WMU vs. Brooklyn College, Waldo Stadium, 2 p.m.

Faculty recital, Silvia Roederer, piano, Dalton Center Recital Hall, 3 p.m.

Tuesday/11

Center for the Study of Ethics in Society talk, "Truth or Consequences," Deni Elliott, acting executive director, Institute for the Study of Applied and Professional Ethics, Dartmouth College, 2750 Knauss Hall, 8 p.m.

Wednesday/12

Meeting, Human Subjects Institutional Review Board, Conference Room C, 3041 Seibert Administration Building, 8:15 a.m.

*Management and executive development seminar, "Time Management: A Productive Person's Key to Self-Management," Earl E. Halvas, business information systems, Fetzer Center, 8:30 a.m.-4:30 p.m.

Staff training seminar, "Establishing Performance Measures," Ann E. Houser, human resources, 204 Bernhard Center, 8:30-11:30 a.m.

(thru 27) Exhibition of handmade paper and photographic documentation of environmental installations, Jean Van Harlingen, Kansas City multi-media artist, Gallery II, Sangren Hall, weekdays, 10 a.m.-5 p.m.

School of Music Convocation Series recital, high school chamber musicians, Dalton Center Recital Hall, 2 p.m.

School of Music master class, Billy Hart, double bass, Dalton Center Recital Hall, 4 p.m.

Thursday/13

*(thru 15) Conference, "Facing East/Facing West: North America and the Asia-Pacific Region in the 1990s," Fetzer Center, Thursday, 7-9 p.m.; Friday, 9 a.m.-9 p.m.; Saturday, 9 a.m.-5 p.m.

Reception for graduate and nontraditional students, North and South Ballrooms, Bernhard Center, 4-6 p.m.

*Admission charged