

WESTERN MICHIGAN UNIVERSITY WESTERN NEWS

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Faculty members, students to be honored by MAGB

Two WMU faculty members and two seniors will be honored Tuesday, April 9, by the Michigan Association of Governing Boards of State Universities.

The faculty members are Shirley Bach, philosophy, and D. Terry Williams, chairperson of theatre.

The students are Andrew S. Gould, a senior majoring in advertising and promotion from Lansing, and Elizabeth R. Skidmore, a senior majoring in occupational therapy from Grand Ledge.

The MAGB, which includes representatives from the governing boards of the state's 15 public universities, each year honors two distinguished faculty members and two outstanding students from each institution. The four from WMU will be honored along with their counterparts from the other universities at the MAGB's 15th annual awards convocation at the Kellogg Center on the Michigan State University campus in East Lansing.

Each honoree will receive a certificate from the MAGB, a special tribute from the Michigan Legislature and a letter of congratulations from Gov. John Engler. Using MAGB criteria, WMU student recipients are nominated by a committee representing the offices of the provost, secretary to the Board of Trustees, Faculty Senate and vice president for student affairs from among students who are designated as outstanding by their academic departments. Faculty recipients are nominated by the executive board of the Faculty Senate.

Bach has been a faculty member at WMU since 1961. In 1979, she received the WMU Alumni Teaching Excellence Award. She has been on the executive board of the University's Center for the Study of Ethics in Society since it was formed in 1985 and, since 1991, has been the center's associate director. Recognized as an expert on biomedical ethics, she has been a visiting or adjunct professor, researcher or consultant at the Harvard and Michigan State university medical schools, the Karolinska Institute in Sweden, Pharmacia & Upjohn Inc. and Borgess Medical Center. She serves on the biomedical ethics committees at Borgess and at Bronson Methodist Hospital, on the institutional review board of the West Michigan Cancer Center and on the board of the Michigan Medical Ethics Resource Network.

Bach has conducted studies involving the complexities of medical decision-making, has read numerous papers at professional conferences and has spoken at



Bach



Gould



Skidmore



Williams

many public forums on the connections between biomedical ethics, health care and science. Her research has been published widely in scholarly journals. She also has been active in faculty governance, serving as a faculty senator and as a member of Faculty Senate councils.

Williams has been a WMU faculty member and chairperson of the Department of Theatre since 1982. He has directed more than 75 productions for educational and professional theatres and was a key figure in the recent expansion of the University's theatre facility into the state-of-the-art Gilmore Theatre Complex. He currently serves on the board of directors of the National Association of Schools of Theatre, the accrediting agency for academic theatre programs.

Williams also has served on the board of directors of the Michigan Theatre Association and the executive committee of Region III-East of the American College Theatre Festival. He has played host to ACTF conferences and has served as an adjudicator for dozens of productions. He was chairperson of the theatre division of the Speech Communication Association and has been active in the Association for

Theatre in Higher Education for more than 30 years. Also active in faculty governance, he has been his department's representative to the Faculty Senate, a member of its executive board and a chairperson and member of senate councils.

Gould earned a prestigious \$25,000 Medallion Scholarship from WMU as a freshman and has gone on to win additional academic scholarships for excellence in business and advertising. He has been on the dean's list every semester. This spring, he was selected as the Department of Marketing's Presidential Scholar, WMU's highest honor for a senior. He will graduate with highest honors in April and hopes to secure a position with an advertising agency in a major market.

A member of the Lee Honors College, Gould has completed an honors thesis titled "Children's Attitudes Toward Television Advertising." He also is a member of Alpha Lambda Delta, Phi Kappa Phi and Golden Key national honor societies. He has completed two internships and has served as vice president of the WMU AdClub. His other extracurricular activi-

(Continued on page three)

Advertising executive here for WMU Foundation event

Peter A. Schweitzer, a WMU alumnus who is president of J. Walter Thompson, one of the world's leading advertising agencies, will speak at a luncheon on campus Wednesday, April 3.



Schweitzer

He will address a gathering of the President's Circle Associates at noon in the Fetzer Center. His speech is titled "Branding ... It's Not Just for Cows."

The event, which is sponsored by the WMU Foundation, is open to the public. The President's Circle Associates are representatives of corporations whose high level of financial support plays a key role in the development of WMU.

Schweitzer, who is based in Detroit, has been with J. Walter Thompson since 1975. As president, his responsibilities include managing the Ford Motor Co. account and maintaining the effectiveness of the company's relationships worldwide.

A native of Chicago, Schweitzer earned his undergraduate degree from the University of Michigan and his master of business administration degree from WMU in 1967. He began his career in marketing and manufacturing management with the General Foods Corp. He also has served as executive vice president and director of marketing and strategic corporate planning for the Burger King Corp.

The cost of the luncheon is \$20. To make reservations or for more information, persons may contact the WMU Foundation at 7-8878.

Scientists study effects of Brazilian population explosion

Two WMU researchers are teaming up with their Brazilian colleagues to study the environmental effects of rapid population growth on an isolated city in the Amazon.

Elen M. Cutrim, geography, and William A. Sauck, geology, are key participants in a five-year, \$428,000 contract recently awarded by the Brazilian government to the National Institute of Research in Amazonia.

The project participants will use the funds to study the hydrological cycle of the Brazilian city of Manaus, where the population has grown from 300,000 to 1.5 million in just 25 years.

"We will be trying to find the impact of the rapid population growth on the climate, on the surface waters or watersheds and on the ground water," Cutrim says.

Cutrim and a colleague from the institute, Ari Marques, will serve as co-principal investigators of the project. They will study meteorological and surface water concerns, while Sauck will concentrate below the surface on aquifers and their interaction with surface waters.

Cutrim says the Amazon rain forest region is rich in biodiversity, yet extremely frail. She says there are no similar integrated studies that focus on the tropics, an area that plays a very important role in the climate all over the world, including here in Michigan.

"In the tropics, especially the Amazon, a lot of heat and water vapor is exported to the atmosphere to the higher latitudes," Cutrim says. "Things that happen there locally or regionally could have a global effect."

Following the Rio de Janeiro Earth Summit in 1992, an international panel recommended Manaus as one of three tropical

cities that should be studied to determine the impact of growth on the atmosphere and the tropical environment.

According to Cutrim, Manaus' disorganized population growth is the result of the Brazilian government's decision to designate the city a free-trade zone in 1967, eliminating tariffs. The tax breaks attracted businesses and thousands of Brazilian workers. The boom led to a city that's a high-tech giant, producing more than 5 million television sets a year, yet lacking an adequate sewage system. Many residents in outlying areas use outhouses and other crude means to dispose of sanitary

waste. The problem is compounded by the Amazon and Negro rivers that have an annual normal water fluctuation of 45 feet.

"The surface water is totally contaminated and you'd never want to even wade in the surface drainage," Sauck says. "This is obviously infiltrating to contaminate the ground water supply. We want to try to determine whether the infiltration is generalized over the whole land area, or if it's concentrated in faults or fractures."

Sauck will use geophysical tools like ground penetrating radar to locate those

(Continued on page four)

Did you know?

■ In 1995-96, the Office of Faculty Development Services has provided 56 programs to the University community (an increase of 155 percent since 1991-92) with more than 800 in attendance to date.

■ Since 1991-92, the Office of Faculty Development Services has provided a total of 188 programs to the University community.

■ Through its programs, financial support, consultations and mid-semester evaluations, the Office of Faculty Development Services has served more than 4,100 faculty members and graduate teaching assistants since 1991-92.



RESEARCHING BRAZIL — Elen M. Cutrim, geography, and William A. Sauck, geology, look over maps of the Amazon region of Brazil. The two are key participants in a five-year study of the environmental effects of rapid population growth on an isolated city in the area.



HISPANIC AWARENESS WEEK — Students from WMU and high schools around the state got autographs from Tish Hinojosa following her performances on campus March 20 as part of Hispanic Awareness Week. The singer and songwriter from San Antonio, Texas, has earned critical acclaim for her ability to mesh English and Spanish lyrics as well as American country and folk and Mexican music styles. Her appearance on campus was sponsored by the Hispanic Student Organization, Division of Minority Affairs and Student Budget Allocation Committee.

New MBA program designed to be more user friendly

WMU is revamping its master of business administration degree program to make it more user friendly and responsive to issues in today's business environment.

The new program, which will be put in place this fall, features streamlined prerequisites, an integrated core of mostly new courses, a variety of electives and a capstone course called "Corporate Strategy" as well as some other offerings, such as Saturday classes and overseas seminars.

It was unveiled in Grand Rapids March 15 at a meeting of the Board of Trustees. Of the 1,000 students active in the MBA program, more than 500 take classes through WMU's Grand Rapids Regional Center.

WMU offers the only accredited MBA program on the west side of the state. In fact, the University is one of only 271 schools in the nation accredited at both the undergraduate and graduate levels by the American Assembly of Collegiate Schools of Business. Some 1,200 institutions in the United States offer degrees in business and economics.

Plan is customer driven

A desire to be more customer driven helped spur the reorganization of the MBA program, according to Dean David B. Vellenga, Haworth College of Business.

"There have been a lot of changes in management education over the last five years," he says. "We can't continue to offer the same product. Customers are telling us they want a program that emphasizes more communication, team-building, quality, globalization, technology and diversity in addition to the usual skill requirements like finance and accounting."

In addition to offering new classes to meet these needs, WMU has streamlined the prerequisites for the program. Students who earned a bachelor of business administration typically had met these prerequisites and could immediately begin taking graduate classes. For students with an undergraduate degree in a different field, it was a different story.

"Those people would have to complete this onerous list of prerequisites and then go into the graduate program," Vellenga says. "It would usually take about 30 se-

mester hours to finish the undergraduate prerequisites, which were basic courses in such areas as accounting, economics, marketing and finance, and then another 33 hours to finish the graduate classes.

"Taking an adult who is working in industry and having them sit in an Accounting 200 class with undergraduates doing multiple choice and true and false tests is really a big turn-off," he continues. "It's not the way to stimulate learning for those students."

So the University has come up with a package of 12 hours of graduate-level, fast-paced basic courses that will replace the 30 hours of prerequisites and give non-BBA students sufficient background to enter the regular MBA classes.

In order for any students to enter WMU's MBA program, they also must demonstrate basic competency in statistics, quantitative analysis, computer literacy and written communications. These competencies can be proven in a variety of ways, from transcripts and work experience to scores on the Graduate Management Admission Test, which also is required for admission. In addition, the University will offer seminars to help students brush up on those skills.

The new MBA program will consist of a 21-hour "integrated core" of eight classes that will give students a thorough grounding in the important areas of business and the environment in which it operates. These classes, which range from two to three credit hours, are: communication and intercultural aspects of business; accountancy management; financial management; consumer driven marketing management; operations and technology management; global aspects of business; social responsibility and ethics in business; and human behavior in organizations.

Focus groups consulted

Most of these courses are new and reflect subjects customers are now calling for as part of the curriculum. In drawing up the new program, Vellenga and his colleagues interviewed focus groups of current students, alumni, industry representatives and recruiters who hire WMU graduates. In addition, they used feedback from the accreditation agency and studies from around the country.

"We looked at 50 of the leading MBA programs in the United States to see what kinds of changes they had incorporated," Vellenga says.

After completing the integrated core, MBA students may choose 12 hours of electives to complement their career goals. Areas of concentration will include: accountancy; computer information systems; economics; finance; general business; health care administration; international business; management; and marketing.

The final requirement is completion of a three-credit-hour integrated capstone course, "Corporate Strategy," which offers an overall approach to business problem solving.

Board OKs retirement plan for hourly employees

Effective March 28, all hourly employees of the University hired after that date will join the same retirement program that faculty and administrative employees can join.

Hourly employees have been required to join the Michigan Public School Employees Retirement System until now. Faculty and administrative employees can choose to join the Teachers Insurance Annuity Association and its companion, the College Retirement Equity Fund, or the state plan.

The change was approved March 15 by the Board of Trustees. Eligibility standards for the program are to be presented to the board at its April meeting.

Eligible groups include non-bargaining clerical/technical employees and bargaining members of Local 1668 of the American Federation of State, County and Municipal Employees, the WMU Police Officers Association and the Michigan State Employees Association, which represents power plant workers.

"Our primary objective is that the re-

tirement plans for all employees be as equal as possible, both as to the rate of University contribution and to the nature of the plans available," said Robert M. Beam, vice president for business and finance.

The administration has discussed the proposed retirement policy with all affected employee groups since last December, Beam said.

"In addition to offering suggestions that have been incorporated into our recommendations, employee groups have uniformly expressed a desire to participate in TIAA/CREF in the same manner and with all the options as are currently available to faculty and administrative staff," he said.

Under the plan, persons employed before March 28, 1996, will be required to join the state plan. If employed on or after March 28, employees must join TIAA/CREF unless they were members of the state plan before joining WMU, in which case they would remain in the state plan.

Hourly employees who participate in TIAA/CREF will be vested in the program after five years. The University's contribution to the employee's plan will be 11 percent of total compensation, the same as for faculty and administrative staff.

In other action, the board authorized the administration to execute a lease agreement with the WMU chapter of the American Association of University Professors for the Montague House, which the union uses for its offices.

The three-year agreement includes a 5 percent per year rental rate increase. The house, owned by the University and located at 814 Oakland Drive, has been used by the union since 1985.

The board also authorized the administration to borrow money to retire certain bonds in order to take advantage of current favorable interest rates. A new series of bonds will be issued this year to replace bonds issued in 1992.

Talk will focus on teaching complex thinking skills

An expert on innovative teaching methods will present a lecture on "Understanding and Teaching Complex Thinking Skills" Thursday, April 4.

Frederick Reif, distinguished service professor in the Center for Innovation in Learning and in the Departments of Physics and Psychology at Carnegie-Mellon University in Pittsburgh, will speak at 7:30 p.m. in 1110 Rood Hall. His free address is intended to provide methods to apply knowledge appropriately and organize it in useful ways.

Reif, who earned his master's and doctoral degrees from Harvard University, was active in physics research until 1970 when he turned his attention to the field of education and cognition. His research interests include science education, cognitive science, problem solving and scientific thought processes, and educational applications of computers.

The author of numerous articles and five books, Reif has received several research and teaching awards.

His lecture is part of the Visiting Scholars and Artists Program and is being co-sponsored by the Department of Science Studies and the College of Arts and Sciences. For more information, persons may contact Larry D. Oppiger, chairperson of science studies, at 7-5407.

Upton to speak at Miller

Congressman Fred Upton will present the keynote address at WMU's Greek Standards of Excellence Awards ceremony at 7 p.m. Sunday, March 31, in Miller Auditorium. The event concludes Greek Week at WMU.

During the ceremony, students selected from the 1,500 members of WMU's Greek fraternities and sororities will be honored for academic achievement, campus and community service, and leadership.

In addition, Bernardine M. Lacey, director of the School of Nursing, will receive the Greeks' Faculty Member of the Year Award. The ceremony is free and open to the public.

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White selected for state mathematics honor

The Michigan Section of the Mathematical Association of America has chosen Arthur T. White, mathematics and statistics, as the recipient of its fifth annual Award for Distinguished College or University Teaching of Mathematics.



White

He will be honored at the group's annual spring meeting May 10 in Adrian.

He also becomes the section's nominee for the national Deborah and Franklin Tepper Haimo Awards for Distinguished College or University Teaching of Mathematics sponsored by the Mathematical Association of America. There will be three national award recipients and each will be honored at the national MAA meeting in January in San Diego and win a \$1,000 prize.

The national MAA establishes the criteria upon which the state award is based. Recipients must be widely recognized as extraordinarily successful in their teach-

ing, have had influence in teaching beyond their own institutions, and foster curiosity and generate excitement about mathematics in their students.

White has taught at WMU since 1969, leading a variety of courses ranging from algebra to calculus to graph theory. He also has taught several honors seminars and a "good books" class in the Department of English. He has held visiting appointments at Kalamazoo College, Clemson University, the University of London and Oxford University.

In addition to receiving WMU's Alumni Teaching Excellence Award, he has received the Distinguished Faculty Scholar Award, the University's highest honor for a faculty member.

White serves as a visiting lecturer for the MAA, traveling around the country and giving lectures on such topics as the relationship between mathematics and poetry. He has presented papers on mathematics teaching at national conferences. A mentor for students both at the University and in the community, he also has worked with other faculty members at WMU and high school teachers to help them perfect their teaching methods.

WMU production headed for Disney World; benefit performance set to raise travel funds

A WMU improvisational theatre production about college students confronting sexual decisions has been selected for performance at the national meeting of the American College Health Association in Orlando, Fla., this spring.

A benefit performance of "Great Expectations" to raise funds for the trip is scheduled for 5:30 p.m. Wednesday, April 3, in the Multi-Form Theatre of the Gilmore Theatre Complex. The suggested donation is \$5 for students and \$10 for others.

The performance for the 5,000-member American College Health Association, the professional organization for clinical and community health professionals providing services for institutions of higher education, will be Thursday, May 30, at Walt Disney World's Dolphin Hotel.

The show has just completed its fifth year of touring. During the fall semester, performances reached more than 2,700 college students in Kalamazoo and the surrounding region.

"The production brings to life the feelings, beliefs and behaviors common to

Greeks pitch in to help with spring neighborhood cleanup

Some 750 WMU students belonging to Greek fraternities and sororities will pitch in for a spring cleanup of Kalamazoo neighborhoods Saturday, March 30.

The students will work from 11 a.m. to 2 p.m. in the Northside, Eastside, Knollwood, Edison and Vine neighborhoods on projects ranging from cleaning windows to planting flowers. Some also plan to entertain community children.

The event has been planned on GOLD Day (Greek Organizations Love Day) in connection with Service Week and Greek Week on campus. It is being sponsored by student volunteer services in the Lee Honors College and the Office of Student Life.

"This is a great way to celebrate University/community cooperation by working and having fun together," said Stevan J. Veldkamp, student life.

After the work is completed, the volunteers and residents will attend a reflection party from 2 to 3 p.m. at the Douglass Community Center, 1000 W. Paterson. For more information, persons may contact Veldkamp at 7-2131.

Media

Joseph J. Belonax, discusses new trends with discount stores on "Focus," a five-minute interview produced by news services. "Focus" is scheduled to air at 6:10 a.m. Saturday, March 30, on WKPR-AM (1420). "Focus" is also used on a regular basis by WKZO-AM (590), WKMI-AM (1360) and several other radio stations around Michigan.

On campus



KEEPING THE CATALOG CURRENT — Judy A. Kirk is the coordinator of authority control in the University libraries. While that title might sound like something you'd find under "O" for Orwell, it simply means that she makes sure the name and subject headings are correct and the cross references are displayed properly in Finder, the on-line catalog. The headings and any changes are set by the Library of Congress and often implemented through OCLC, an international database. Kirk and her staff of two full-time employees and one student employee work off reports generated on a weekly basis and match them with the authority records from OCLC. "If we do our job right, you don't see us,"

she says. It's a challenge to keep up with heading changes, Kirk says, especially some of those in the political arena. For example, the breakup of the Soviet Union required quite a bit of work in terms of creating headings for the new countries and cross referencing them. "I like seeing the changes I can manifest in the database," Kirk says. "I like being able to provide access points so people can find the materials they need." A WMU graduate with a bachelor's degree in English and library science, Kirk has worked in the University libraries for almost 10 years. When not at work, Kirk enjoys being active in the local chapter of the Society for Creative Anachronism, a living history group that recreates the best aspects of the Middle Ages. She and her husband also make glass beads and run a small jewelry business. Her other hobbies include cooking, embroidery, calligraphy and camping.

Educator to discuss 'Writing With Passion'

Teachers interested in learning how to inspire their students to write better should plan to attend a lecture Monday, April 1, at the University.

Tom Romano, assistant professor of education at Miami University and the author of two well-known books on teaching writing, will speak at 7 p.m. in 2750 Knauss Hall. His free lecture, titled "Writing With Passion," will be preceded by an English education book display and sale at 6 p.m.

Romano is a former high school English teacher who has led the way for countless other teachers with his passion for teaching, learning, reading and writing. In his 1995 book, "Writing With Passion: Life Stories, Multiple Genres," he offers concrete ideas teachers can attempt with their students, including alternate style maneuvers, multigenre research papers, ways of nurturing responses to literature and genre exploration.

Romano also wrote the 1987 book, "Clearing the Way: Working with Teenage Writers." It was intended for high school English teachers whose job is to

help students become better writers.

His lecture is being sponsored by the Department of English.

Group plans homeless vigil

Eta Eta Sigma, an undergraduate community service organization, will hold its fourth annual Hope for the Homeless Vigil in Bronson Park from 3 p.m. Friday, March 29, until 8 a.m. Saturday, March 30.

The event will begin with a march from the Kruglak Sundial to Bronson Park. Speakers will present material throughout the evening. Participants will join in Housing Resources Inc.'s Walk for Warmth at 8 a.m. Saturday.

The purpose of the vigil is to raise community awareness about the lack of adequate housing in the Kalamazoo area and across the nation. Donations will be accepted for distribution to local shelters and community agencies.

MAGB

(Continued from page one)

ties have included residence hall governance, the WMU Quiz Bowl team, the Miller Auditorium Usher Corps, the Western Herald and WIDR-FM. For the last four years, he has helped coach and judge debate for his alma mater, Holt High School.

The recipient of an ABC Scholarship, Mason's Scholarship, University Scholarship, State of Michigan Competitive Scholarship and AMBUCS Scholarship, Skidmore has been on the dean's list several times. She has served as president of the Honors Student Association and, as a member of the Lee Honors College, she is completing her honors thesis on "Comparisons of Sitting and Standing Patterns Between Males and Females." This spring, she was chosen by the Department of Occupational Therapy as its Presidential Scholar.

Skidmore has been active in student and residence hall governance, Alpha Lambda Delta and Phi Kappa Phi honor societies, Intervarsity Christian Fellowship and the American and Michigan Occupational Therapy Associations. She also has tutored international students and volunteered at a camp for the developmentally disabled, at an inpatient rehabilitation hospital and at a living center for people with Alzheimer's disease. Her plans for the immediate future include completing two internships and taking the American Occupational Therapy Certification Board Examination. She would like to practice occupational therapy in an inpatient rehabilitation facility.

Jobs

The following list of vacancies is currently being posted through the Job Opportunity Program by employment services in the Department of Human Resources. Interested benefits-eligible employees can apply for any of these positions (bargaining or non-bargaining) by submitting a job opportunity transfer application during the posting period, or may contact an employment services staff member for assistance in identifying themselves as candidates for these openings.

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

(R) **Assistant Professor** (Academic Year; Tenure Track), I-30, College of Education, 95/96-438, 3/26-4/1/96.

(N) **Assistant/Associate Professor** (Academic Year; Tenure Track), I-30/20, College of Engineering and Applied Sciences, 95/96-440, 3/26-4/1/96.

(N) **Assistant/Associate Professor** (Academic Year; Tenure Track), I-30/20, College of Engineering and Applied Sciences, 95/96-441, 3/26-4/1/96.

(R) **Secretary Administrative I**, S-07, Telecommunications, 95/96-442, 3/26-4/1/96.

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

(N) New

(R) Replacement

WMU is an EO/AA employer

Exchange

FOR SALE — 1989 Toyota Camry. Five-speed manual transmission, excellent condition. Call 344-1320 evenings and weekends.

FOR SALE — Power Boat 1985 Searay, 25-foot Sundancer, 260 Mercruiser, 550 hours. Full canvas, cockpit cover, stored indoors, Shorelander trailer, excellent condition, sleeps four, oyster/royal blue. \$19,300. Call 372-5607 or, in South Haven, 637-9190.

FOR SALE — 13-inch Emerson TV with remote, new, \$95. Call 685-5244.

FOR SALE — Karaoke discs. 30 each of five-inch, two sets and miscellaneous. Used once. \$450. Call 327-5225.

FREE TO A GOOD HOME — Sheltie/German Shepherd mix, one and a half years old, spayed, house pet, trained; black cat, nine months old, neutered, declawed. Call 327-5225.

Calendar

The master calendar maintained by news services for use in Western News is available through Gopher on the VMScluster. Currently, there are three calendars available: March events; April events; and future events, which run from May through December. To view the calendars, type Gopher at the system prompt. At the next menu, choose 2. Western Michigan University, then choose 5. Campus Calendar. You will find options for 1. This Month's Events, 2. Next Month's Events and 3. Future Events.

Thursday, March 28

- *University computing services workshop, "VMScluster-Intermediate," 2033 University Computing Center, 9-11 a.m.; for registration information, call 7-5161.
- Exhibition, "Going Koo-koo," kinetic, sound and collage sculpture by Woody Haid, Chicago, Space Gallery, Knauss Hall, 10 a.m.-4 p.m.
- (and 29) Exhibition, paintings by Jeff Abshear, MFA candidate, and Michelle Miller, BFA candidate, Student Art Gallery, East Hall, 10 a.m.-5 p.m.; closing reception, Friday, March 29, 5-7 p.m.
- Workshop, "Gender Issues in Treatment: Perfect Daughters and Silent Sons," Robert J. Ackerman, professor of sociology and director of the Mid-Atlantic Addiction Training Institute, Indiana University (Pa.), and WMU alumnus, 210 Bernhard Center, 10 a.m.-3 p.m.; registration recommended by calling 7-3800.
- Visiting Scholars and Artists Program lectures by Charles I. Nero, director of the African American Studies Program and assistant professor of rhetoric and theatre, Bates College: "Adopting Cultural Perspectives in Social Work, Counseling, Psychology and Other Human Services Practice: An Open Discussion for Graduate Students and Faculty," 204 Bernhard Center, 10 a.m.; "The Black Prophetic Tradition in Black Gay Film and Literature," 204 Bernhard Center, 1 p.m.; and "Teaching Inclusively: The Failures of HIV Education and Disappearing Black Men," West Ballroom, Bernhard Center, 4:30 p.m.
- *Administrative Professional Association 25th anniversary luncheon, Fetzer Center, 11:30 a.m.-1:30 p.m.; for reservations call 7-5088.
- "A Gathering of Women," Faculty Dining Room, Bernhard Center Public Cafeteria, noon-1 p.m.
- Distance Learning Satellite Teleconference series, "Telecourse Techniques," 1150 Schneider Hall, 1-1:45 p.m.; to register call 7-5305.
- Student recital, Westersingers, Dalton Center Recital Hall, 6 p.m.
- Student recital, Erica Hansen, piano, Dalton Center Lecture Hall, 7 p.m.
- *(thru 30) University Theatre production, "Arsenic and Old Lace," Shaw Theatre, 8 p.m.

Friday, March 29

- (thru April 12) Exhibition, painting, printmaking and fine press books by Jeff Abshear, MFA candidate, Gallery II, Sangren Hall, weekdays, 10 a.m.-5 p.m.; receptions, Friday, March 29, Sangren Hall, 5-7 p.m., and East Hall, 6-8 p.m.
- Department of Dance junior juries for BFA students, Dalton Center Studio B, noon.
- Visiting Scholars and Artists Program lecture, "Being a 'Minority' in a 'Majority' Graduate Education Department: Sharing Stories and Strategies," Charles I. Nero, director of the African American Studies Program and assistant professor of rhetoric and theatre, Bates College, 204 Bernhard Center, 1 p.m.
- Retirement reception honoring Ernst A. Breisach, history, the Oaklands, 2-5 p.m.
- Psychology colloquium, "Current Status of PTSD Research," C. Richard Spates, psychology, 3760 Knauss Hall, 4 p.m.
- Spring Conference on Wind and Percussion Music concert, University Symphonic Band and Conference All-Star Band, Miller Auditorium, 7:30 p.m.
- *University Theatre production, "Sins of Omission," one-woman show by internationally recognized performance artist Holly Hughes, Multi-Form Theatre, Gilmore Theatre Complex, 8 p.m.
- *Guest artist jazz recital John Scofield Quartet, Dalton Center Recital Hall, 8 p.m.

Saturday, March 30

- *Seventh annual Native American Pow Wow, University Arena: March 30, 1-10 p.m.; and March 31, 1-5 p.m.
- Men's tennis, WMU vs. Ball State University, Sorensen Courts, 1 p.m.
- Student recital, Amy Coltart and Yuko Kato, both piano, Dalton Center Recital Hall, 1 p.m.
- Student recital, Sandy Ciecierski, soprano, Dalton Center Recital Hall, 3 p.m.
- Student recital, Shawn Sommer, double bass, Dalton Center Lecture Hall, 3 p.m.
- Graduate recital, Ronda Gulajski, saxophone, Dalton Center Recital Hall, 5 p.m.
- Student recital, Amy Goodman, soprano, and Jonathan Lowrie, tenor, Dalton Center Lecture Hall, 6:30 p.m.
- Student recital, Andrew M. Byrne, tenor, Dalton Center Recital Hall, 8 p.m.
- *Concert, "GospelFest '96," Kalamazoo Symphony Orchestra with a community-wide gospel choir, Miller Auditorium, 8 p.m.

Sunday, March 31

- Student recital, Jill Terhaar Lewis, soprano, and Robert Lewis, saxophone, Dalton Center Recital Hall, 1 p.m.
- Department of Dance graduating presentations for BFA candidates, Dalton Center Studio B, 2 p.m. and 7 p.m.
- Concert, University Concert Band, Miller Auditorium, 3 p.m.
- Concert, Voices of WMU gospel choir, Kanley Chapel, 4 p.m.
- Concert, Treble Chorus and Collegiate Singers, Dalton Center Recital Hall, 5 p.m.
- Greek Standards of Excellence Awards Ceremony, featuring keynote speech by Congressman Fred Upton, Miller Auditorium, 7 p.m.
- Student recital, Jill Sligay, clarinet, Dalton Center Lecture Hall, 8 p.m.

Monday, April 1

- *University computing services workshops, 2033 University Computing Center: "Clarise Works for Macintosh," 9-11 a.m.; "Internet Introduction," 3-5 p.m.; and "Windows 3.1-Introduction," 5:15-7:15 p.m.; for registration information, call 7-5161.
- (thru 4) Display of third annual Clothesline Project to increase awareness of sexual and relationship violence, Promenade Tent, 10 a.m.-4 p.m.
- English lecture, "Writing With Passion," Tom Romano, assistant professor of education, Miami University, 2750 Knauss Hall, 7 p.m.; English education book display and sale, 6 p.m.
- Student recital, percussion ensembles, Dalton Center Recital Hall, 8 p.m.

Tuesday, April 2

- (thru 5) Exhibition, graphic design by Brian Edlefson, Nissa Grayson and Steve McClard, BFA candidates, Student Art Gallery, East Hall, weekdays, 10 a.m.-5 p.m.; closing reception, Friday, April 5, 6-9 p.m.
- *University computing services workshop, "VMScluster-Intermediate," 2033 University Computing Center, noon-2 p.m.; for registration information, call 7-5161.
- Zest for Life "Expert Express," the basics of country line dancing, Dawn Vokits, graduate assistant, 242 Bernhard Center, noon-12:30 p.m.
- *Softball doubleheader, WMU vs. Eastern Michigan University, Ebert Field, 2 p.m.
- Men's tennis, WMU vs. Valparaiso University, Sorensen Courts, 3 p.m.
- Faculty development services program, "The Sabbatical Leave Process," Faculty Lounge, Bernhard Center, 3:30-4:30 p.m.; to register call 7-5305.



Around the world

Saranya Intrasai, a student from Thailand enrolled in the Career English Language Center for International Students, performed a dance native to her country during the annual International Festival March 24 in the Bernhard Center. In addition to entertainment, the event featured food and displays from more than 20 countries representing five continents. Some 2,300 people from the campus and community attended.

- Multi-media lecture, "Computing Resources for Aviation Training," Shawn G. Chittle, senior in aviation sciences, 3770 Knauss Hall, 6 p.m.
- Concert, Collegium Musicum, Dalton Center Recital Hall, 8 p.m.

Wednesday, April 3

- Enhancing Instruction with Technology program, "Uses of Animation and Digital Movies in Instruction," Fritz Seegers and Jan W. Oliver, instructional technology services, 3307 Sangren Hall, noon-1 p.m.; to register call 7-5305.
- *University computing services workshop, "LAN Management Concepts-Advanced Limited Engagement," 2033 University Computing Center, noon-2 p.m.; for registration information, call 7-5161.
- *President's Circle Associates luncheon, "Branding ... It's Not Just for Cows," Peter A. Schweitzer, WMU alumnus and president of J. Walter Thompson, Fetzer Center, noon; for reservations call 7-8878.
- Women's tennis, WMU vs. Ohio State University, Sorensen Courts, 1 p.m.
- Institute of Government and Politics lecture, "To Prevent Ethnopolitical conflict," Agneza Bozic, graduate assistant in political science, 3020 Friedmann Hall, 3:15 p.m.
- *Benefit performance, "Great Sexpectations," Multi-Form Theatre, Gilmore Theatre Complex, 5:30 p.m.
- *Concert, University Jazz Lab Band, Dalton Center Recital Hall, 8 p.m.

Thursday, April 4

- "A Gathering of Women," Faculty Dining Room, Bernhard Center Public Cafeteria, noon-1 p.m.
- Mathematics and statistics colloquium, "The 15 Puzzle and Generalizations," David C. Murphy, senior mathematics major, Commons Room, sixth floor, Everett Tower, 4 p.m.; refreshments, 3:45 p.m.
- Visiting Scholars and Artists Program lecture, "Understanding and Teaching Complex Thinking Skills," Frederick Reif, distinguished service professor, Center for Innovation in Learning and Departments of Physics and Psychology, Carnegie-Mellon University, 1110 Rood Hall, 7:30 p.m.
- Concert, Trombone Choir and Tuba/Euphonium Ensemble, Dalton Center Recital Hall, 8 p.m.
- *Admission charged

Brazil (Continued from page one)

fractures or faults beneath the surface. He says geophysics will allow them to look into the earth and its properties without random drilling or excavation.

Cutrim will return to the region this summer to install hydrometeorological equipment and instruments that measure wind, rain, evaporation, solar radiation and river discharge. She also hopes to compile past data on climate and hydrological measurements in order to establish a computer database so they can begin to study trends.

Since the WMU academic calendar limits them to visiting the region only a few weeks each year during summer vacations, Sauck says the involvement of many researchers from other Brazilian institutes and agencies is crucial. It also will prevent what he calls "scientific neo-colonialism," where scientists from European and American universities use the area for research and then leave without sharing any of their technology or results with the people of Brazil.

Cutrim and Sauck, who are husband and wife and actually met in Brazil in 1976, have strong feelings about the Amazonian region. Cutrim is a native of the country and has studied the Amazon for 20 years. In 1987, she conducted research on rainfall and the chemistry of the atmosphere for a joint project between the National Aeronautics and Space Administration and the Federal University of Para. She's also studied the impact of deforestation on the

Amazon climate using meteorological satellite images.

"If I don't work in Amazonia, I feel almost as if I'm betraying my people," she says. "They paid for my studies here. The least I can do is study the area and bring new knowledge and contribute that to decision makers."

Sauck, who also serves as a senior researcher for the WMU Institute for Water Sciences, lived and taught in Brazil for six years and has studied the Amazon region since 1976. He also has used ground penetrating radar to research Lake Michigan, Lake Erie and environmental spill sites. In addition, he has studied archaeological sites, agricultural pollution problems in Michigan and contamination at sites like the state's Wurtsmith Air Force Base.

Discussion planned on sabbatical leave process

An informal discussion on "The Sabbatical Leave Process" is scheduled for 3:30 p.m. Tuesday, April 2, in the Faculty Lounge of the Bernhard Center.

Representatives of the University Sabbatical Leave Committee will be available to answer questions about all aspects of the application process.

The program is being sponsored by the Office of Faculty Development Services. To register, persons may call 7-5305, fax 7-6048 or e-mail maryann.bowman@wmich.edu.