Students help develop device to control flooding

A trio of Western students and a Kalamazoo firm have developed what they think is the solution to temporary flooding problems—a flood control unit called the “Superbag.”

Last fall, JG Enterprise, Inc., of Kalamazoo, approached the Department of Mechanical Engineering and requested assistance in designing and refining a flood control unit it had developed.

Under the direction of faculty members Richard G. Schubert and Jerry J. Haemilink, the students began redesigning the flood control unit for their project.

The students involved were David A. Lee of Bay City, Thomas C. Coutrell of Farmington and John T. Truax of Mount Clemens. The engineers participated in an applied research and development project to meet their graduation requirements.

“T hey did an engineering redesign of the structure, tested and assessed the stress points and made material change recommendations,” explains Schubert.

The “Superbag” as it has been dubbed, is a four-foot-high, 10-foot-long triangular bag made of vinyl that is one of the latest models what the U.S. Army Corps of Engineers currently uses to off shore. The polyester bag is supported by a wool-like superstructure consisting of two-by-fours placed together and filled with several gallons of water, the structure resembles an elongated pup tent.

Schubert said the structure, which can restrain floods of up to three feet deep, has several advantages over sandbag levees.

“Although each unit will cost approximately $575, it is more reliable and can be developed into larger or smaller versions,” he explains. “Sandbags cost about $250 for about 30 of this type, which is equivalent to the volume of the Superbag—but are only good for a two-week flood and take considerably more time to fill and place.”

Another advantage is that one person can assemble the new system within 15 minutes, instead of the 18 hours it would take to load a two-person crew to build a sandbag levee, says Schubert. And after the flood, the bag can be drained, rolled up and stored.

In December, two students and two JG employees represented the flood control unit to the Army Corps of Engineers at its annual meeting in New Orleans. As a result, nine states have shown an interest in the project: California, Illinois, Indiana, Louisiana, Michigan, New Jersey, Texas and Wisconsin.

“T his year has had a 25-year history of cooperation with the Free University of Berlin, and we now wish to include participation with universities in other parts of Germany,” Haemilink said.

That exchange involves one student from each campus each year.

At Panama, the WMU delegation talked with Karl-Heinz Politz, president, and Karl August Friedrich, chancellor, the arrangement calls for one WMU faculty member to make a short-term visit for teaching and research in May and June followed in September and October by a visit by a Passau faculty member.

This program builds on a relationship established last year for a reciprocal student exchange program, which already has involved one student from each campus, and that arrangement with faculty member Klaus Hansen.

The University of Passau, located in the city of Passau in eastern Bavaria near the Austrian and Czechoslovak borders, has an enrollment of about 4,500 students and offers degrees in international law, theology, philosophy, economics, mathematics and computer science.

At the University of Tubingen, the WMU delegation met with Adolf Thess, president; Gottfried Wurok, vice president; and Axel Markert, vice provost of student and international affairs. The WMU delegation was welcomed by the university’s departments including the Ludwig- Ulrand Institute for Cultural Science as well as the German-American Institute in the city of Tubingen.

Tubingen is about 30 miles southwest of the city of Stuttgart in southwestern Germany. Possible areas of cooperation include the exchange of graduate students and visits to WMU by groups from both the university and the city, said Greenberg, whose office will administer both programs.

Ethics talk set

“Ethical Dilemmas in Administration: A Case Study Approach” will be the title of a Center for the Study of Ethics in Society presentation scheduled for 3 p.m. Friday, March 27, in 1032 Moore Hall.

Edward J. Pawlik, social work, will show several videotaped critical incidents involving ethical, value and political dilemmas for administrators. A discussion will follow.
Two named to posts in business and finance division

Alastair I. Omand, a telecommunications executive with the General Motors Corp. and Edward Markwart, a manager and chief architect in the Michigan Department of Management and Budget, have been named to positions in the Division of Business and Finance.

Both appointments, effective April 1, were approved March 6 by the Board of Trustees.

Omand will become director of telecommunications, a new position created to manage the University's planned $38 million telecommunications system. Markwart will become director of campus planning and engineering, replacing Larry K. Adams, who is to retire May 9.

"Both men bring extensive, relevant experience to their new roles," said Robert M. Beam, vice president for business and finance.

"Their expertise will be extremely valuable to the University.

Beam was referring to the installation of a new campuswide telecommunications system, which is getting under way this month, as well as to major state-supported construction projects. They are new $12.1 million building for the College of Business, $15.5 million in modifications and an addition to Waldo Library and $7 million in renovation to Maybee Hall.

Omand was appointed by the Board in October with tenure of George M. Dennison as provost and vice president for academic affairs, effective June 1. Dennison, whose appointment was announced Jan. 30, subject to Board approval, is currently associate academic vice president and professor of history at Colorado State University, Fort Collins.

Dennison replaced Philip Whinney as the University's external auditor for fiscal year 1986-87. The appointment is made annually.

"In 1970 when the department name was changed to reflect the dual purpose of the art and sciences, the 'arts and sciences' section was added to reflect the dual purpose of the degree and curriculum," he continued. "Additionally, there is frequent confusion with 'arts and sciences' as part of its name, "

Firm to plan Maybee renovation

The WBDC Group, the Grand Rapids architectural firm that won the design contract in January to design modifications and an addition to Waldo Library, has been selected as the architect for the renovation of Maybee Hall as well.

The selection was approved March 6 by the Board of Trustees.

"Due to Maybee Hall's proximity to Waldo Library, it has been our view that the architect appointed to design the Waldo Library project should also work on the Maybee Hall project to assure design integrity," said Robert M. Beam, vice president for business and finance.

"With the appointment of WBDC as the architectural firm for Waldo Library, we are now in a position to proceed with the Maybee Hall project," Beam said. Maybee Hall is located just west of Waldo Library.

When integrated with the Waldo Library project, Maybee Hall will house the Academic Computing and Information Technology Center (CITE), the University's academic computer initiative, and the planned new campus telecommunications system. Space in Rood Hall currently used for the Academic Computing Center will be retained to retain 'sciences' as part of its name, "

Board approves departmental name change

The name of the Department of Communication Arts and Sciences has been changed to the Department of Communication Arts.

The new title, approved March 6 by the Board of Trustees, was made to more accurately reflect the curricular nature of the department. It is effective immediately.

"In 1970 when the department name was changed from public relations to communications arts and sciences, the 'arts and sciences' were added to reflect the dual purpose of the department," "

Maier to address Presidential Scholars

Paul L. Maier, history, will give the address at the start of the annual Presidential Scholars Convocation, Thursday, April 2, at the Fetzer Center. His address is titled "The Anatomy of Neglect." During the event, 40 seniors will be inducted as WMU Presidential Scholars.

The award is Western's highest honor to a student and is given annually to students nominated for the award by faculty members of the academic department in which they have a major. They are selected on the basis of general academic excellence, achievement in the department's programs and intellectual and artistic promise.

James A. Jaksa, president of the Faculty Senate, will preside, and President Hamrick will present certificates to the scholars. The event, described as "truly a celebration of the excellence of Western's students," is sponsored by the Faculty Senate and the Office of the President.

Each Presidential Scholar invites as his or her guest a faculty member from the department. Also invited to attend is the recipient of Western's Distinguished Faculty Award.

Maier has been a WMU faculty member since 1966. He is the author of 17 books and more than 200 articles. He has received both Teaching Excellence and the Distinguished Faculty Scholar Award. In 1984, he was one of only 25 recipients in the nation of a "Professor of the Year" citation from the Council for the Advancement and Support of Education.

The nomination committee is composed of: Thomas E. Cote, vice president for Student Services; Martin E. Gage, governmental relations and communications; Dean Robert H. Luscomb, fine arts; Fred W. Stoddard, Student Senate, who chairs the committee; and Patricia S. Williams, Office of the Vice President for Student Services.

The Presidential Scholars Convocation and luncheon will begin at 11:45 a.m., followed by dinner and the program.
Participants shed almost a ton in weight loss contest

Faculty and staff members have become a total of 1,969.4 pounds lighter since Jan. 12, thanks to the Lose for Life weight loss competition organized by the Zest for Life program. Forty-five of six persons participated in the contest. The top five losers on each team (a total of 127 people, some dropped) weighed out March 12-13.

Teams could select one of two categories: personal pounds lost or greatest percent weight lost. The “Paperweights” from the Department of Paper and Printing Science and Engineering lost the most weight with 101.25 pounds. The “Pudgy Printers” from paper science and engineering came in second with 99.75 pounds, while the “Leso-Um Buddies” from libraries “rounded out” the top three with 79.75 pounds.

The “Astronauts” from the Department of Engineering Technology’s airport facility flew away with first place in the percent weight loss category with 9.05 percent lost (79.5 pounds), while the “Round-Us-Up Team” from the Department of Health, Physical Education and Recreation ranked third with 8.46 percent lost (77 pounds). Cash prizes of $130 were awarded to the winners. In second place overall was Health Wellness Assessment Fair March 25. A total of 29 teams were entered, and the Academic Computer Center won a prize for having the most creative name.

Participants in the contest have elected to continue on a maintenance program, according to Theresa J. Landis, University wellness programs. “The program is called ‘Lifetme Winners’ and it will take the participants through January,” she said.

Service

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

20 years—Richard F. Rakoivanov, and William D. Posnansky, both in the College of Business; Elizabeth S. Bird, assistant admissions counselor; Kenneth A. Dahlberg, political science, organized and participated in a United Nations workshop on “Drought, Desertification and Development” at the Education Center, Kegel Building.

15 years—Norman D. Grant, Academic Computer Center.

10 years—Margie P. Johnson, Burhan dining department; Margaret E. Camiolo, counselor education and counseling psychology; Lita Z. Krumins, accounts payable; and Carol A. Morris, athletics.

5 years—Robert L. Campbell, National Science Foundation; Catherine A. Taggart, personnel; Hugh O. Carpenter, physical plant—maintenance services; Vernon Payne, public relations; Diane E. McDowall, personnel certification; Marjane Pomeroy, cashiering; and William R. Kingston, athletics.

Media services

The following programs will be available for viewing through the week of April 4:

For the purpose of internal promotion, when positions are vacated, the notice should give the pay grade, a minimum requirements and any preferred description of the duties and specify the personal office. In the “Com-

For the purpose of internal promotion, when positions are vacated, the notice should give the pay grade, a minimum requirements and any preferred description of the duties and specify the personal office. In the “Com-
Robots industrial advancement, not replacement for human workers

Robots should be regarded as yet another advancement in the industrial revolution that furthers the human effort, instead of as flawless machinery that replaces workers, says a WMU robotics expert.

"Of course, robots have limitations," says Frederick Sitkins, engineering technology. "But moreover, I think robots are being misapplied in an attempt to push this sort of technology to use. A lot of plants are saying, 'We're going to have a robot put in place here in this particular application because the boss wants one there.'"

Recently, General Motors laid off some of its skilled workers and replaced them with robots. Sitkins says this was a good example of how robots were placed in an inappropriate job.

"It's rather humurous that the media picked up this story and said GM laid off were simply misapplied. This was a simple painting application in which they expected the robot to do the work the painter could do the job quicker and better," he says.

There has been considerable interest and concern about robots replacing human jobs in industry. Sitkins says that while some unskilled jobs may be lost in the process of automating manufacturing, other positions that require more technical knowledge are created.

"I don't think the word 'displacement' or 'displaced,'" he says. "Displaced does not mean somebody lost his or her job per se. It means the worker who has been taken from a mundane job in an often times toxic and hazardous environment and placed in a better position."

"There are no documented cases of a person ever losing a job to a robot in the United States of America. I'll qualify that by saying there's a lot of people who have never been hired because a robot has been put in place," he adds.

"But they're starting to democratize, to oversell the technology surrounding robotics. The adaptive control robots are able to perform tasks we find rather easy to do. They have vision, touch and even small sensors," he says.

One new application of robots is in the health care industry.

"The primary interest of the robotics industry seems to be in the health care field, where robots would do the unpleasant jobs in the hospital and nursing home patient," says Sitkins. "Robots can service people who have trouble taking orders or medicine and have become a friend in these situations."

Another type of robot that is becoming increasingly helpful is the automated guided vehicle. These are being used in hospitals delivering medicine, in office buildings delivering mail and in assembly plants delivering parts to workstations.

"The newborn robotics industry is experiencing growth, it's also suffering a difficult childhood. Sitkins compares the robotics industry with the automobile industry in 1908. He says currently there are about 1,000 different companies that have the potential to dominate the world, but he believes that number will decline as the industry consolidates and the market has been very flat and businesses have had a difficult time making money," Sitkins explains. "But they're starting to blend together and share the technology that they've developed individually."

Laplutte writes text on academic reading

Laura Donahue-Laplutte. Career English Language Center for International Students (CELCIS), has written a book that is designed to prepare international students for the various types of academic reading that they will encounter in the United States.

"I wrote this book because I taught reading in CELCIS there were so many English as a second language textbooks that used academic textbook chapters as the reading material to teach reading skills," says Laplutte. "Other texts use excerpts or other types of reading material and only in the final unit of the book offer a complete chapter or two.

Titled "Developing Academic Reading Skills," the book uses authentic readings from a wide range of academic reading skills and exercises for skimming and scanning, identifying main ideas, relating main and supporting ideas, making inferences and using context clues to guess word meanings. In addition, the text teaches students how to take notes, paragraph summarize, answer essay questions, increase their vocabulary and improve their reading comprehension skills.

The book was published by Prentice-Hall of New Jersey, Englewood Cliffs, but it can be ordered through Western's Campus Bookstore. It will be used either by CELCIS or in one of the two linguistics courses for international students offered by Western.

Limits higher, but more restrictions apply for 1987-88 financial aid

The federal purse strings for student financial aid and getting tighter. Western officials are suggesting several alternatives to the traditional forms of financial assistance.

In a brochure titled "Money Op- portunities," WMU's Office of Student Financial Aid and Scholarships lists several sources of money for college that might not immediately come to mind.

"It's becoming more and more diff- icult to qualify for the traditional sources of financial assistance such as Guaranteed Student Loans," says John A. Kundel, student financial aid and scholarships. "Students are going to have to be a little more creative in seek- ing support for their education."

Some of the new sources suggested in the brochure include:

- Applying to be a resident hall ad- viser;
- Applying to be a resident; on or off-campus;
- Working through WMU's Pro- fessional Practice Services or an acade- matic department to obtain a paid related-fee position;
- Contacting parents' employers, stu- dent's employers, civic and social organizations for financial assistance;
- Investigating scholarship sources through a public library;
- Applying for the Reserve Officer Training Corps Scholarship, which pays for tuition, books and edu- cational fees and provides a subsis- tence allowance;
- Investigating the U.S. Army's 'split training options,' in which students become members of the Army Re- serve/National Guard, while attend- ing college and receive a stipend.

"I draw the conclusion that while Gala's plays appear very different on the surface, certain elements are repeated in each of his plays and experiments with diverse dramatic techni- ques," says Galvez. "I've written this book because when I read Gala's plays and studied all of the plays and noted his progression. From chapter to chapter, Gala's dramatic technique evolves from one style to another."

Laplutte based her analysis on other critical reviews of Gala's works that she located in nearly every existing libraries in Madrid, Spain.

I draw the conclusion that while Gala's plays have been studied all of the elements—dramatic structure, characters, themes, language use and styles," says Harris. "I compared his book with his four-let plays and his last plays and noted his progression. From chapter to chapter, Gala's dramatic technique evolves from one style to another."

Carolyn J. Harris, languages and linguistics, who recently published a book that analyzes 12 dramatic works of Antonio Gala, a contemporary Spanish playwright.
Second edition of economics text published

Second edition of economics text published

Two Western Faculty members are co-authors of the second edition of a popular economics textbook.

Werner Sichel, chairperson of economics, and Wayland J. Gardner, economics, have revised their text, "Economics," along with Martin Bronfenbrenner, emeritus professor of economics at Duke University and current faculty member at Aoyama Gakuin University in Tokyo.

The book is an introductory text aimed at making the difficult area of economics concepts students must learn in their first two college courses in economics.

The first edition, published in 1984 by the Houghton Mifflin Co. of Boston, has been used by some 300 colleges and universities in the country.

In the second edition, we strengthen the presentation of aggregate demand and supply, and increase the emphasis on applied microeconomics," says Sichel.

In addition, the book reflects current developments, including the weakening of the Organization of Petroleum Exporting Countries (OPEC), new perspectives on supply-side policies and the U.S. trade deficit.

The book also contains 11 essays by Bronfenbrenner, who Sichel terms "one of the top 10 economists in the world." The essays explore the questions economists ask and some of the answers they propose.


The teaching package also includes a "70-minute study in 600-page instructor's manual and interactive graphing software with a workbook."
TORNADO SAFETY GUIDELINES

1. COMMUNICATION OF WATCH OR WARNING

   a. Total University—24 Hour Notification

      1. University System paging will sound for an actual WARNING.

      2. Maintenance/Custodial employees will be broadcast for a WATCH or a WARNING from Department of Public Safety service dispatcher. Supervisors shall inform their subordinates.

   b. Campus Apartments will receive notification via the Police PA System.

2. Notification:

   a. Department of Public Safety will notify the Information Center/Telephone Services Office of the WATCH or WARNING.

   b. The Information Center/Telephone Services Office will call WIRK and WUMK and require an automated message to announce the WATCH or WARNING and continue to announce during the time specified for the WATCH or WARNING.

   c. The Information Center/Telephone Services Office will notify the Residence Hall Facilities Office for subsequent notification of all residence halls.

   d. The Information Center/Telephone Services Office will call each Building Coordinator.

   e. Each Building Coordinator must immediately advise all floor superintendents and each major department or office housed within their physical area of control of the weather announcement.

   This may be done by phone or person.

   a. Each Building Coordinator shall prepare a notification schedule for the building.

   b. The Information Center/Telephone Services Office will call selected facilities listed below for the following WATCH or WARNING.

   1. Sara Swisher Pre-School

   2. Center for Disabled Adults (West Main School)

   3. University of WMU Support Facility

   4. Academic Computer Center

   a. Closed Circuit TV. V. Master Control

   b. The Academic Computing Center will call selected facilities listed below for the following WATCH or WARNING.

3. University Non-Business Hours:

   a. Department of Public Safety will notify the Information Center/Telephone Services Office of the WATCH or WARNING.

   b. The Information Center/Telephone Services Office will call and announce weather

      1. The Department of Public Safety will call the offices of these public assembly areas which are scheduled for shows, games, or performances:

         a. Dukus Center

         b. Village Mall

         c. Garfield Street

         d. University Center

         e. Student Union

         f. Swisher Pre-School (Monday-Friday until 6 p.m.)

   c. Department of Public Safety will notify by radio the Custodial Supervisors. Each supervisor shall immediately notify one custodian per academic building who will in turn notify any occupants of the building.

   d. The Department of Public Safety will call the offices of these public assembly areas which are scheduled for shows, games, or performances:

         a. Dukus Center

         b. Village Mall

         c. Garfield Street

         d. University Center

         e. Student Union

         f. Swisher Pre-School (Monday-Friday until 6 p.m.)

   e. Department of Public Safety will notify by radio the Custodial Supervisors. Each supervisor shall immediately notify one custodian per academic building who will in turn notify any occupants of the building.

   f. The Department of Public Safety will call the offices of these public assembly areas which are scheduled for shows, games, or performances:

9. After 8 p.m. (4 p.m. Saturdays and Sundays) or at any time the Information Center/Telephone Services Office is closed, the Department of Public Safety will call the following locations and announce the WATCH or WARNING.

   a. WIRK (900 AM)

   b. WMUK (91.5 FM)

   c. MCTV Closed Circuit TV

   d. ABC News and WISTV

   e. Local public safety officials (by request)

   f. West Michigan Media (by request)

   g. Public service agencies (by request)

10. RESPONSE TO WATCH OR WARNING

   a. Residence Hall

      1. DON'T call the police or telephone operator.

      2. DO NOT attempt to contact the Residence Hall Facilities or department coordinator.

      3. Tune AM Radio 590 WJJO (the official weather radio for the area) and keep apprised of weather developments. Stay tuned for cancellation notices. Suggest transistor battery operated radio be available.

      4. Upon notification of a WARNING, seek shelter at the lowest level interior corridor, away from windows and keep apprised of weather developments. Stay tuned for cancellation notices. Suggest transistor battery operated radio be available.

      5. Upon notification of a WARNING, seek shelter at the lowest level interior corridor, away from windows and keep apprised of weather developments. Stay tuned for cancellation notices. Suggest transistor battery operated radio be available.

      6. When tuned for cancellation notices, Suggest transistor battery operated radio be available.

      7. When tuned for weather cancellations, Suggest transistor battery operated radio be available.

   b. WMU Campus Apartments

      1. DON'T call the police or telephone operator.

      2. If time permits, go to the designated shelter area posted in each campus apartment unit.

      3. Tune AM Radio 590 WJJO and keep apprised of weather developments. Stay tuned for cancellation notices. Suggest transistor battery operated radio be available.

      4. Upon notification of a WARNING, seek shelter at the lowest level interior corridor, away from windows and keep apprised of weather developments. Stay tuned for cancellation notices. Suggest transistor battery operated radio be available.

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      6. When tuned for cancellation notices, Suggest transistor battery operated radio be available.

      7. When tuned for weather cancellations, Suggest transistor battery operated radio be available.

   c. Academic Building

      1. DON'T call the police or telephone operator.

      2. Building coordinators to follow internal notification procedure.

      3. Tune AM Radio 590 WJJO and keep apprised of weather developments. Stay tuned for cancellation notices. Suggest transistor battery operated radio be available.

      4. Upon notification of a WARNING, seek shelter at the lowest level interior corridor, away from windows and keep apprised of weather developments. Stay tuned for cancellation notices. Suggest transistor battery operated radio be available.

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      6. When tuned for cancellation notices, Suggest transistor battery operated radio be available.

      7. When tuned for weather cancellations, Suggest transistor battery operated radio be available.

   d. Public Assembly Areas

      1. Program Director or other person in charge of the program shall announce the WATCH or WARNING and continue to announce during the time specified for the WATCH or WARNING.

      2. Program Director or other person in charge of the program shall announce the WATCH or WARNING and continue to announce during the time specified for the WATCH or WARNING.

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      7. When tuned for weather cancellations, Suggest transistor battery operated radio be available.
Five faculty, three staff retirements approved

The retirements of five faculty members and three staff members were approved March 6 by the Board of Trustees.

The faculty members who were granted emeritus status, along with their years of service and retirement dates, are:

- Feinheather, effective dates of retirement are: Daniel J. Feinheather, theatre, 22 years, effective Aug. 23; Bruce

CTO deadlines approach

Two deadlines are approaching for members and friends of the Clerical/Technical Organization.

Applications are due April 30, for CTO members. Officers can obtain forms by calling Debra J. Scott, accountant, at 3-8041.

Reservations for the annual spring luncheon are due Wednesday, April 8. The event is set for 11:45 a.m. Wednesday, April 15, in the North Ballrooms of the Berhard Student Center. Barbara S. Laggeri, associate director of employee relations and personnel, and associate to the vice president for business and finance, will be the speaker.

Anyone is welcome to attend the mini cold buffet for $5. For reservations, persons should call Ruth E. Mader, Berhard Student Center, at 3-0001.

Workshop on sabbaticals to be presented March 30

A workshop on applying for sabbatical leaves will be presented from 3 to 5 p.m. Monday, March 30, in Red Room A of the Berhard Student Center.

Participants will be informed about the application and review process, and how to move from conceptualization to written proposal and learn what to expect during a sabbatical leave.

Panelists will include Donna G. Isabone, special education, chairperson of the Sabbatical Leave Committee; Susan B. Han- nahan, assistant vice president for academic affairs; Sara A. Hesseberth, chairperson of electrical engineering; Molly W. Williams, mechanical engineering; Joseph Work, music; H. Byron Earhart, religion; Marlin E. Ginterich, English; and Charles A. Davis, faculty development.

STUDENT EMPLOYMENT WEEK—March 23-27 has been set aside as "Student Employment Week" by the Student Employment Referral Service to recognize the contributions of student workers and to promote campus recreational activities, knows the value of student workers. His office employs the highest number on campus—about 60 students. He is pictured here with employees Michelle Ant- onowicz, a sophomore from Montague, and Paul J. Rouskowski, a senior from Meekel.

"Student employment makes Western a very attractive place to many students," says Crane. "Everyone is supposed to organize a speech and deliver speeches."

"Student Employment Referral Service, "More than 204 departmental student workers. About 60 percent of the students at WMU will work during the school year and 50 percent of the money they work toward educational expenses."

The service is encouraging departments to recognize and thank their student workers in some way this week. In addition, supervisors are asked to wear the "Student Employee Reflect Success" buttons distributed across campus.

$1.5 million in gifts and $680,000 in grants reported

Western received a total of $1,578,681 in gifts and $680,336 in grants during December and January, according to reports presented to the Board of Trustees at its meeting March 6. The board received reports for two months because it did not meet in February.

One hundred gifts were received during the two months, which is nearly $100,000 more than last year's figure for the comparable period.

Of the gifts reported were 11 donations of equipment, tools, materials and automatic payments totaling $90,500 from various individuals and industries to the Department of Engineering Technology.

Other gifts included: a modified drum plot- ter valued at $10,000 from the Kellogg Co. of Battle Creek to the College of Engineering and Applied Sciences; and $10,000 from the Whirlpool Corp. of Benton Harbor for the continuation of the College of Health and Human Services.

Grants totaled $219,157 for December and $680,280 for January. Gifts to the WMU Foundation for the two months accounted for $680,000 more than last year's figure for the comparable period.


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Gifts provided personalized tips for speakers

Loren D. Crane, communication, has authored a unique text that provides an individualized approach to public speaking.

"Different people organize speeches in different ways," says Crane. "This text describes different strategies for preparing and delivering speeches. It offers an individualized approach to speaking, as op- posed to a standard approach that says everyone is supposed to organize a speech in the same way."

"To be an effective speaker, people have to find their own style and capitalize on their strengths."

Titled "Authentic Public Speaking: A Personalized Approach," the 350-page text was written with the goals of medicine, psychology and communication to develop a personalized approach to public speaking and includes correspon- ding exercises.

"While other public speaking texts begin with a general model of communication, this one introduces a model specific to public speaking which is cyclic, dynamic and adaptive," says Crane. "It ties together the creative and organizing processes in speech preparation, the speaking and adapting skills in delivery and self- evaluation functions into a continuous pro- cess."

Crane used research on how the right and left hemispheres of the brain affect language usage, organization and creativity. He also explored the concepts of stage fright, self-image and the effects of stress.

"So it's not a traditional approach to public speaking," he says.

According to Crane, the softcover textbook is unique in another way as well.

"The total book—cover, charts, illus- trations and text—was composed on my personal computer," Crane says. "The book was 'camera-ready' for the printer so no changes were necessary."

The text was published by Kendall/Hunt Publishing Co. of Dubuque, Iowa, and is available at Western's Campus Bookstore. It will be used in introductory public speaking courses offered by the University.

Alumni Association seeks nominations

Western's Alumni Association is seeking nominations for its 87th Distinct Alumni and Teaching Excellence Awards. The awards are given annually to the alumni and faculty members who have had the highest honor the association bestows on an alumus or the University. To be con- sidered, an alumus must have achieved a high level in his or her professional field.

Seven faculty members have been nominated for the award since it was initiated in 1963. Recipients will be honored at an awards dinner Saturday, Oct. 10, during Homecoming.

The Teaching Excellence Award was established in 1986 to recognize superior classroom instruction by Western faculty members. Nominees must be full-time faculty members who have been with the University for at least three years and continu- ously demonstrate exceptional teaching skills.

To date, more than 90 faculty members have received the award. Recipients are honored with a certificate and $1,000. Nominations for both awards must be submitted by Wednesday, April 8. They are available from the Office of Alumni Relations, 3-6160.
**Calendar**

**MARCH**

Thursdays/26

(bru 31) National Women's History Month.

(bru 27) Student Employment Week.

Tuesdays/28-Spring into Wellness Week.

(bru 27) Exhibition, "Seven Sacred Places," Martin Hubbard, Space Gallery, Knauss Hall, 9 a.m.-4 p.m.

(bru 27) Spring into book sale at library, third floor, North Hall; Thurs., 8 a.m.-11 p.m., and Fri., 8 a.m.-5 p.m.

(bru 27) Exhibition, papermaker artists Margaret Prestage and Kathryn Clark, Ponytail Mill, Brooker Hall, Gallery II, Sangren Hall, Mon.-Fri., 9 a.m.-5 p.m.

(bru 27) Exhibition, all paintings and collages, Maryjo Lemanski, art, 305 Seiberth Administration Building, Mon.-Fri., 7:45-11 a.m. and 12:45-4:45 p.m.

**Staff training seminar, "Pay and Performance: Practices and Pitfalls."** 204 Bernhard Student Center, 9-11:45 a.m.

Research and Teaching University Priorities series lectures, "Multiple Perspectives on Quality in Instruction," Mary Anne Bunda, educational leadership, and Evaluation, Center Red Rooms, Bernhard Student Center, noon-1 p.m.

**Concert, "lady," lobon, Detroit Center Recital Hall, 8 p.m.

History and political science lecture, "American Studies from a German Perspective," Frank H.P. Unger, Free University of Berlin, 2010 Fridmann Hall, 3 p.m.

Opportunities for Excellence Fair, sponsored by the University Retention Policy Committee, North and South Ballrooms, Bernhard Student Center, 3-5 p.m.

Doctoral oral examination, "A Comparative Study of Three Alternative Procedures for Identifying Severely Disordered in Learning Disabled Students," Carl Tuffy Ulhman, educational leadership, Den's Conference Room, 2010 Sangren Hall, 10 a.m.

Doctoral oral examination, "Descriptive Response Latencies Using Auditory Stimuli," Albert Edward Neal, applied behavior analysis-psychology, 283 Wood Hall, 10:30 a.m.

Examinations, "Differential Response Latencies Using Auditory Stimuli," Albert Edward Neal, applied behavior analysis-psychology, 283 Wood Hall, 10:30 a.m.

**Academic Computing Center workshop, "IMS," persons interested in attending, should have some programming experience in FORTRAN and knowledge in computational similarities to those in Math 505 and 507, 207 Mayhew Hall, 3:30-5 p.m.; preregistration is required.

Concert, Western Wind Quintet, Dallas Center Recital Hall, 8 p.m.

**APRIL**

Thursdays/5

(bru 15) Exhibition, "Podunk and Other Places," Ann Meade, art, Space Gallery, Knauss Hall, Mon.-Fri., 9 a.m.-4 p.m.

Nomination deadline for Certificate/Technical/Technical Organization officers to Deb Scott, accounting.

Meeting, Human Subjects Institutional Review Board, A-206 Elsworth Hall, 8:30 p.m.

Staff training noon hour film series, "Listening—The Problem Solver," Red Rooms, Bernhard Student Center, noon-12:45 p.m.; bring or buy lunch.

Baseball, WMU vs. Michigan, doubleheader, Hyames Field, 1 p.m.

(bru 6) Spring into Business Week activity: Zest for Life Wellness Games, small gym, Gary Faculty development and Anton Group lecture series on multiple intelligence, "Linguistic Intelligence and Reading," Nicola W. Nelson, speech pathology and audiology, and Constance W. Weaver, English, Studio A, Durnhelm Hall, 8 p.m.

**Collegium Musicum, Matthew Steel, director, Lecture Hall, Dallas Center, 8 p.m.**

**Thursdays/7**

(bru 28) Papermaking slide lecture, Margaret Prestage and Kathryn Clark, founders of Twinehouse, 2750 Knauss Hall, 4-6 p.m.; Alice Susan Leddick, educational leadership, Tate Center, 3210 Sangren Hall, 3:30 p.m.

Computer science colloquium, "Computer Integrated Manufacturing," Don Brest, vice president, American Information, computer science, the Kellogg Co., 4500 Dumball Hall, 4 p.m.; refreshments, 3:45 p.m.

Mathematics and computer science colloquium and doctoral oral examination, "Robust Algorithm for Multivariate Linear Models," Janet Davis, mathematics, and statistics, Common Room, Everett Tower, 4:10 p.m.; refreshments, 3:45 p.m.

University film series, "Youngstown Tales," directed by Volker Schlondorff, 2750 Knauss Hall, 4:15 p.m. and 8 p.m.

**Spring into Business Week activity: Zest for Life Wellness Games, small gym, Gary Faculty development and Anton Group lecture series on multiple intelligence, "Linguistic Intelligence and Reading," Nicola W. Nelson, speech pathology and audiology, and Constance W. Weaver, English, Studio A, Durnhelm Hall, 8 p.m.

Stock Training: Leader Preparation," Janet VandeWeeden, 205 Bernhard Student Center, 4-6:30 p.m.

(bru 29) "Royal Gambit," York Arena Theatre, 8 p.m.

Faculty development and Anton Group lecture series on multiple intelligence, "Linguistic Intelligence and Reading," Nicola W. Nelson, speech pathology and audiology, and Constance W. Weaver, English, Studio A, Durnhelm Hall, 8 p.m.

Pedagogical Colloquium, "Curriculum Development," Peter E. Erskine, director, and Marc Johnson, bass, Dallas Center Recital Hall, 8 p.m.

**Thursday/8**

Applications due for spring tuition subsidies for faculty members to the Office of Faculty Development.

**Career Opportunities for Women Conference, "Discovering, Developing and EXCITE Macintosh potpourri," 1 p.m.

Men's gymnastics, Bronco Invitational, 1 p.m.

**Deadline for reservations for the April 4 Faculty Dames Club spring luncheon (bru 10) is 8 a.m.**

*Seventh Concert, Collegiate Singers, Dalton Center Recital Hall, 8 p.m.*

**Friday/9**

Applications due for spring tuition subsidies for faculty members to the Office of Faculty Development.

**Career Opportunities for Women Conference, "Discovering, Developing and Demonstrating Your Potential."** Bernhard Student Center, 7:30 a.m.-2 p.m.; keynotes: "The Magic of the World Within," Christine Wright, spiritual director, religious leaders program, University of Notre Dame, 12:30 p.m.

**Doctoral oral examination, "Preventive Supervisory Verbal Responding and Its Effect Upon Trainer Satisfaction in Counseling Supervision," Douglas Riley, counselor education and counseling psychology, Tate Center, 3210 Sangren Hall, 10 a.m.**

**EXCITE Macintosh potpourri," Macuser (network system)," a network software program for Macintosh microcomputers, Apple's local area network and LaserWriter printers, 102 Mayhew Hall, 11:30 a.m.-12:30 p.m.; not designed to teach in use of software or equipment.

**Center for the Study of Ethics in Society program, "Ethical Dilemmas in Administration: A Videotape of Critical Events," Edward Pawalk, social work, 1032 Moore Hall, 3 p.m.**

Spring Conference on Wind and Percussion, guest composer Anthony lannaccdio, Miller Auditorium; high school concerts, 1:25 p.m.; closing concert, 8 p.m.

**Saturday/10**

*Deadline for reservations for the April 4 Faculty Dames Club spring luncheon at the offices of \(*\)

**Monday/11**

**Presidential Scholar Convocation, "The Anatomy of Excellence," Paul L. Maier, history, reception, Fetzer Center, 1:50 p.m., followed by dinner and program.

University film series, "Le Bonheur," directed by Agnes Varda, 2750 Knauss Hall, 4:15 p.m. and 8 p.m.

Department of English reading, Janet Kauffmann, artist and poet, 3234 Brown Hall, 8 p.m.; reception follows.

**Concert, Aboubacar Abyss, Trio with Peter Erskine, drums, and Marc Johnson, bass, Dallas Center Recital Hall, 8 p.m.**

**Admission charged.**

**"PROFESSORS OF THE DAY"—Persons from several business firms and the state government became short-term faculty members during the College of Business' "Professor of the Day" program March 18. The guest lecturers taught in the morning and were presented with embossed certificates of participation at a luncheon in the Fetzer Center. They are pictured with President Hartske, standing second from left, and Dean Darrell G. Knight, standing far left. The professors of the day and the areas in which they taught were: (standing from left) Trustee Larry B. Howard of West Bloomfield, an attorney, finance and commercial law; Norman P. Hahn, president of the First Federal Savings and Loan Association in Kalamazoo, management; Gerald B. Johanssen, executive vice president for sales and marketing at Haworth, Inc., in Holland, marketing; (seated from left center) Professor of the Day Martin, commissioner of revenue for the Michigan Department of Treasury in Lansing, accounting; and L. James Levee, director of corporate communication for Gerber Products, Inc., in Fremont, business information systems.**

-Marion I. Hall, who retired in 1954 as a supervisor of student teachers, died March 19 in Kalamazoo. She was 90 a memory. Her family and the areas in which she taught were: (standing from left) Trustee Larry B. Howard of West Bloomfield, an attorney, finance and commercial law; Norman P. Hahn, president of the First Federal Savings and Loan Association in Kalamazoo, management; Gerald B. Johanssen, executive vice president for sales and marketing at Haworth, Inc., in Holland, marketing; (seated from left center) Professor of the Day Martin, commissioner of revenue for the Michigan Department of Treasury in Lansing, accounting; and L. James Levee, director of corporate communication for Gerber Products, Inc., in Fremont, business information systems.**

**Workshop, dance audition for theatre majors, Kelby Kirk, currently in the tour-**