

WESTERN MICHIGAN UNIVERSITY WESTERN NEWS

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Students help their peers achieve better grades through Supplemental Instruction Program

Do students learn better if they are assisted by other students? It certainly looks that way, if WMU's Supplemental Instruction Program is an accurate indicator.

Since its inception at WMU in 1986, supplemental instruction has helped 2,333 students achieve better grades through the use of hired "student leaders" who guide their peers through difficult courses.

The program, which was first developed at the University of Missouri at Kansas City, was designed to improve the final grades and increase the retention rates of students in such high-risk subjects as chemistry and mathematics.

The leaders, all considered to be model students, already have excelled in the courses. For the program, they return to the class, attend all lectures and take notes. They then conduct three one-hour review sessions each week.

According to Cynthia Overly, Academic Skills Center, who coordinates supplemental instruction, the program is making a difference in the classroom.

"Our office prepares data analyses from exams, comparing students who participate in supplemental instruction with those who do not," Overly says. "The national average and what we've determined here at WMU indicate that students involved in the program on a regular basis receive a half to a letter grade higher. So I can say with certainty that supplemental instruction makes a difference."

A total of 290 students attended the review sessions during WMU's 1991 fall semester. According to Overly, they logged more than 1,260 hours in the sessions.

The courses involved in the program during the 1992 winter semester are: Chemistry 101, "General Chemistry I"; Economics 201, "Principles of Economics"; Electrical Engineering 210, "Circuit Analysis"; Geology

300, "Oceanography"; and Mathematics and Statistics 118, "Precalculus." Most of the courses are general education requirements for graduation. They tend to have large enrollments, with a high number of freshmen and sophomores. They also involve many nontraditional students.

The semester leaders attend nine hours of training through the Academic Skills Center before each semester. During the semester, they continue to attend weekly one-hour training sessions with Overly, both on an individual and a group basis.

In the training sessions, the leaders are instructed in methods that encourage their students to be active, and to help each other and themselves. The leaders are trained to redirect questions and prepare students for problem solving and brainstorming. They also are trained to conduct informal quizzes on a regular basis.

Student leaders like Yvonne S. Phillips, a WMU senior from Battle Creek, feel they can sometimes offer the students a different perspective in class.

Phillips, a secondary education major who minors in earth science, attends the Geology 300 course and serves as one of the course leaders. She meets with at least 10 students each week in the review sessions.

"Supplemental instruction enables me to help my peers, and gives me a bit of classroom training as well," says Phillips, who plans to pursue a teaching career.

"Several students in my group have approached me to say they felt the sessions were helpful," she says. "In my opinion, supplemental instruction is an excellent option for students."

The working relationship the students develop with their leaders not only helps improve their grades, it also frequently gives them another reason to come to class.

"Once a student finds someone that he or she is comfortable with and they develop a rapport, then the student is more likely to return to the class," says Donald L. Goldsmith, mathematics and statistics, who teaches Mathematics and Statistics 118. "Supplemental instruction is one good way to do it."



Senior Prom

Humbert Yepez of Battle Creek and Kimberly A. Weburg, a sophomore from Breckenridge, kicked up their heels at the fourth annual Senior Prom March 25 in the Bernhard Center. Designed to bring together local senior citizens and WMU students, the event featured music of the swing era by the Phoenix Big Band of Kalamazoo and dance contests.

Page-Robin, Sharma elected to senate leadership

Ellen K. Page-Robin, community health services, and Visho Sharma, science studies, have been elected to one-year terms as president and vice president, respectively, of the Faculty Senate for 1992-93.

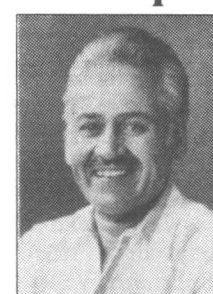
This is Page-Robin's fourth term as president, an office she held in 1981-83 and 1982-83 as well as this year. She is the first person to serve a fourth term as senate president.

The new senate will convene at the senate's annual dinner meeting Thursday, April 16, when corresponding secretary, recording secretary and treasurer will be elected along with new council members.

Page-Robin, who was first elected to the senate in 1975, previously has served as recording secretary, treasurer and vice president of the senate. She has chaired the Educational Policies Council (EPC) and the Human Subjects Institutional Review Board as well as several ad hoc committees, including those on academic standards and grad-



Page-Robin



Sharma

ing, University staffing and program change, and spring and summer programming.

Sharma replaces Larry J. ten Harnsels, English, who did not seek a second term. Sharma, who was first elected to the senate in 1974, previously has served as recording secretary and chaired the EPC. He also has served on several other senate bodies, including standing committees of the EPC and the Student Services Council as well as ad hoc committees on general education and curriculum process review.

In addition, three faculty members have been elected to three-year terms as at-large senators. They are: Andrew A. Brogowicz, chairperson of marketing; Mary Anne Bunda, director of University assessment; and Werner Sichel, chairperson of economics.

Judith Stone, history, was elected to a one-year term as senator-at-large to complete the unexpired term of H. Nicholas Hamner, history, who is retiring from the University. Hamner is currently serving as treasurer of the senate.

Four persons have been re-elected to three-year terms as departmental representatives: Joseph S. Ellin, philosophy; Richard A. Gershon, communication; Jay D. Lindquist, marketing; and Helenan S. Robin, political science.

Eleven persons have been newly elected to three-year terms as departmental representatives: Raymond E. Alie, management; Craig S. Arnold, music; Richard Depeaux, art; Robert C. Eisenberg, biological sciences; William B. Harrison III, geology; William S. Kern, economics; Lalita R. Muizniec, languages and linguistics; Deloris J. Phillips, social work; Robert I. Sundick, chairperson of anthropology; Ralph Tanner, engineering technology; and Dean Tyndall, occupational therapy.

Results of elections in three departments are pending.

Conference will spotlight undergraduate research

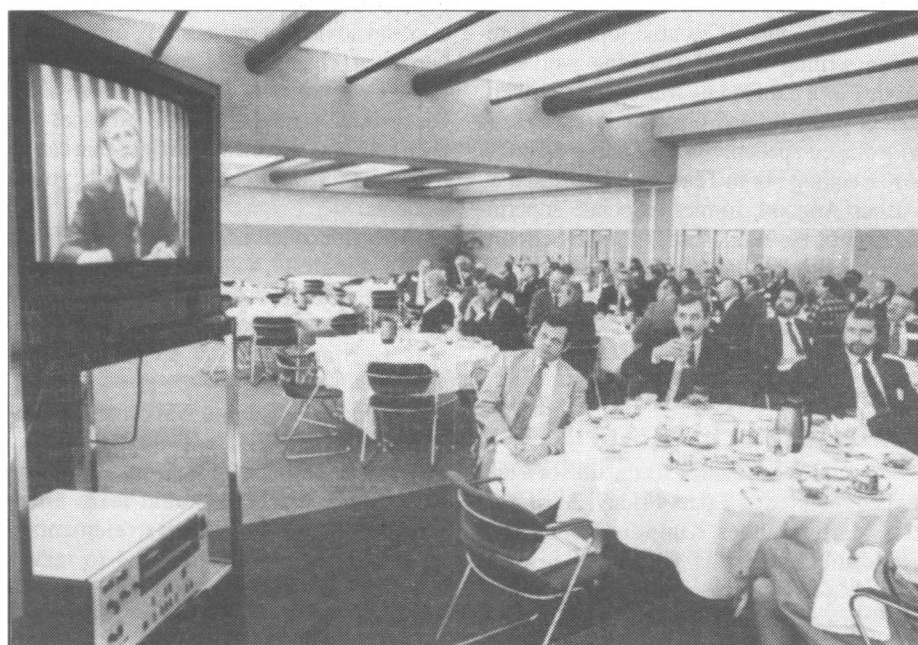
More than 50 undergraduate student researchers will gather to present their work at WMU's third annual Conference for Undergraduate Research Monday, April 13.

The conference will run from 9 a.m. to noon and 1 to 4 p.m. in the Red Rooms of the Bernhard Center. The free event is sponsored by the Lee Honors College and supported by grants from the Kalamazoo Consortium for Higher Education and the National Collegiate Honors Council.

This is the largest number of students ever to participate in the event, which provides students with a forum to present their work in public and hear presentations from young researchers in other disciplines. Many of the participants are recent winners of WMU's Undergraduate and Creative Activities Awards.

Seven of the students who will participate also presented their work at the National Undergraduate Research Conference, which took place March 26-28 at the University of Minnesota at Minneapolis/St. Paul.

Presentation topics at the WMU conference will include such subjects as "Gender Differences in Holocaust Autobiographies," "Increasing News Censorship During Recent Periods of War and Public Acceptance" and "A System to Correlate Wrist Stress with Hand Deviation." Presentations have been grouped in three broad topic areas: sciences, humanities and social sciences. Each topic area will feature 15 to 22 individual student presentations. The sessions in the three areas will run concurrently throughout the day.



DOWNLINK — Dan Pero, on screen at left, chief of staff to Gov. John Engler and a 1973 WMU graduate in political science, addressed participants by live satellite television from East Lansing at a luncheon during a conference on new communications technologies March 27 at the Fetzer Center. The conference was sponsored by PACT (Partners Advancing Communications Technologies), an informal group of more than 20 local organizations formed to take advantage of WMU's new satellite teleport or uplink and a fiber-optic network that Michigan Bell has announced it will install in Kalamazoo by October. Pero complimented the community on its effort to cooperate in their use, which is being undertaken under the auspices of the CEO Council. About 150 persons attended the conference.

Survivor of Nazi twin experiments to relate her experiences

Two presentations by a survivor of the Nazi twin experiments during World War II will be part of this year's "Days of Remembrance" observance in Kalamazoo.

Eva Mozes Kor of Terre Haute, Ind., who was featured March 1 on CBS's "60 Minutes," will lead an informal discussion on "Nazi Medical Experiments" at 3 p.m. Tuesday, April 7, in the Lee Honors College lounge. That evening at 7:30, she will discuss "How I Survived the Mengele Twin Experiments" in 3770 Knauss Hall.

In 1944, Kor was deported to Auschwitz concentration camp with her parents, two older sisters and a twin sister. All died except for Kor and her twin, who were the subjects of medical experiments conducted by Josef Mengele, the infamous "Dr. Death."

Kor has lectured widely on her experiences in the concentration camp. In 1984, she founded Children of Auschwitz Nazi Deadly Lab Experiments Survivors (CANDLES), an international organization of twins who survived Mengele's experiments.

Several other events have been scheduled by members of the Kalamazoo Consortium for Higher Education to observe "Days of Remembrance," which is designed to commemorate the Holocaust.

A selection of posters from the Simon Wiesenthal Center will be on display in the Lee Honors College lounge from 8 a.m. to 5 p.m. Monday through Friday, April 6-10.

At 3 p.m. Thursday, April 9, three students will present their undergraduate research on the Holocaust in the Lee Honors College lounge. The presentations will be: "All the News That's Fit to Print: Public Knowledge of the Holocaust" by Jill A. Green; "Narratives of Terror: An Analysis of Survivors' Memories" by Todd A. Clason; and "Autobiographies from Auschwitz: Gender Differences" by Trisha Mead.

Also on Thursday, there will be an interfaith memorial service at 8 p.m. at Kalamazoo College's Stetson Chapel.

The events are being sponsored by the Division of Student Affairs, the Center for the Study of Ethics in Society, the Lee Honors College and the Department of Sociology, all at WMU; Kalamazoo College; Kalamazoo Valley Community College; the Congregation of Moses; Temple B'nai Israel; the Borgess Medical Ethics Committee; the Bronson Bioethics Committee; and the Physicians for Social Responsibility.

For more information, persons may contact Polly R. Graham, Office of the Vice President for Student Affairs, 7-2152.

Teachers seeking jobs invited to placement day

Graduating seniors and alumni of the University hoping to find jobs in the field of education should plan to attend the fourth annual Teacher Placement Day Monday, April 6.

Recruiters from Michigan as well as other states will be stationed at booths in the East Ballroom of the Bernhard Center from 9 a.m. to 4 p.m. The free event, sponsored by career planning and placement services, is part of Michigan Teacher Recruitment Days, April 6-10, when employers will be visiting five universities in the state.

Districts will be seeking not only teachers, but also administrators, psychologists, counselors, social workers, coaches and occupational, physical and speech therapists.



CONFERENCE DRAWS RECORD CROWD — For the first time in its 20-year history, WMU's Seminar for Secretaries and Office Personnel was a sell-out. Some 250 persons attended the event in the Fetzer Center March 25 that was sponsored by the Department of Business Information Systems. Making a special appearance on the program was Dorothy J. Selinger, third from left, IBM management consultant from Purchase, N.Y., and a keynote speaker at the first seminar in 1972. She discussed how the office environment and the roles of office personnel have changed in the last 20 years, and presented a view of the future. Other speakers included, from left: Bernadine P. Branchaw, business information systems; Evonne P. Alhaddad, president of Inter-Act in Lansing; and Joel P. Bowman, business information systems. Leah M. Pribac, right, business information systems, helped coordinate the conference and attended as a WMU secretary.

Poel leads project to better prepare elementary teachers

A national project aimed at "breaking the cycle" of producing under-prepared elementary science teachers will be managed by a WMU science education expert.

Robert H. Poel, Center for Science Education, has been named program manager and awarded a \$160,240 contract to implement the Physical Science Instruction for Preservice Elementary Teachers (PSI-PET) project. The initiative was developed by the American Institute of Physics and the American Association of Physics Teachers and is funded by the National Science Foundation.

The three-year project will provide teacher training institutions with an instructional model to give future teachers both the knowledge and the tools to instruct elementary



Poel

students in basic physical science concepts such as electricity, magnetism, energy and matter. Poel says it is an attempt to give elementary education majors the benefit of techniques that have already been used successfully with inservice teachers to improve instruction in the physical sciences.

"We can continue to do all the inservice training we want, for years and years to come," Poel says, "or we can begin to break the cycle now by changing the way we train teachers before they enter the field."

The PSI-PET project is an outgrowth of OPERATION PHYSICS, a successful NSF initiative in which Poel has participated for the past four years. OPERATION PHYSICS uses intensive training of teacher teams who can serve as a resource for other science teachers. Enhanced understanding of physics concepts and the use of inexpensive and readily available materials for experiments and demonstrations to explain those concepts are hallmarks of that initiative.

In the PSI-PET project, Poel will head a development group comprised of science educators from universities around the country who also have been involved in OPERATION PHYSICS. The group will develop a model and instructional materials that will include the latest research findings on learning and teaching science, resource information and advice on overcoming institutional barriers to changing the preservice curriculum. The materials will include in-depth background on several basic physical science concepts as well as activities that can be used to share those concepts with young students.

After the materials are developed and tested, the group will hold training workshops at sites across the country to distribute the materials and enable faculty members to effectively implement the model at their institutions.

Poel says a key to successfully implementing PSI-PET will be overcoming entrenched ideas within an institution on what future teachers should learn about science. Typically, he says, elementary education majors are required to take a low-level or survey course in physical science taught through a physical science department. The goal of such courses is to familiarize future teachers with a wide range of physical science concepts. It is assumed, he says, that once students are familiar with science concepts taught at a college level, they will be able to make a transition and teach those concepts in elementary school terms.

"We're suggesting that instead of briefly covering many topics, such courses should concentrate on teaching a few concepts fully

Convocation will honor 41 top seniors for their academic excellence

The University's top seniors will be recognized at the 12th annual Presidential Scholars Convocation Tuesday, April 7, at the Fetzer Center.

A total of 41 students will be presented as Presidential Scholars, WMU's highest honor to a senior. The convocation will begin with a reception at 5:30 p.m., followed by dinner and a program.

The speaker for the event will be Linda M. Delene, marketing. The title of her address is "Variation and Vision."

Seniors are 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/or artistic promise.

Ellen K. Page-Robin, president of the Faculty Senate, will preside at the convocation and President Haenicke 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 are this year's recipients of the Distinguished Faculty Scholar Award.

so that teachers will have a greater depth of understanding," Poel says, "and we should also show them how to teach those concepts."

Such a course could use the PSI-PET materials to model how physical science can be taught at the elementary level. The materials could be incorporated into a traditional course, be part of a teaching methods course or become the basis for a new course. Poel expects each institution to tailor or expand the materials to suit its own needs.

"The important thing is not that they copy our materials," Poel says. "It's the philosophy about how you present material to preservice teachers."

He says the development group already has begun meeting and the goal is to have materials ready for national dissemination by the fall of 1994.

Other educators involved in the work he is overseeing are from the University of Central Florida, St. Michael's College in Vermont, Texas A & M University, Boise State University, Slippery Rock University, San Diego State University, Mississippi State University, the University of Maryland, Purdue University and Towson State University.

Poel, director of the Center for Science Education for the past four years, has taught science at the junior and senior high school levels. For the past 20 years, he has taught science to non-science majors as a WMU professor of physics, natural science and education. He is a past president of the Michigan Science Teachers Association and is an active member of the National Science Teachers Association, the American Association of Physics Teachers, the National Association for Research in Science Teaching and the School Science and Mathematics Association.

Scholars to examine works of two authors from Senegal

A discussion/seminar examining the work of two contemporary Senegalese novelists is set for 3:30 p.m. Tuesday, April 7, in the 10th floor lounge of Sprau Tower.

Elizabeth Ann Wilson, WMU visiting international scholar and head of the Department of French at the University of the West Indies in Kingston, Jamaica, will be joined by Cynthia Running-Johnson, languages and linguistics, to discuss the works of Cheikh Hamidou Kane and Miriama Ba. Wilson is a specialist in Caribbean women writers and Francophone women writers.

The event is sponsored by the departments of English and languages and linguistics.

WESTERN MICHIGAN UNIVERSITY WESTERN NEWS

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Deadline: Items to be considered for publication should be submitted to News Services by noon Tuesday of the week of publication. Offices that receive too many copies — or too few copies — are asked to call 387-4100. WMU is an equal opportunity/employer/affirmative action institution.

Activities planned for Hispanic Heritage Day

Luciano Hernandez IV, a 1989 WMU graduate and the first Hispanic elected to the Holland (Mich.) City Council, will be the featured speaker at a Hispanic Awareness Day Program Friday, April 3, in the Red Rooms of the Bernhard Center.

The program will begin with a skit on college life presented by WMU's Hispanic Student Organization from 9 to 10 a.m.

Hernandez will speak to Hispanic college and high school students on "Achieving Your Dreams" following the skit. He will discuss how Hispanic students can achieve their dreams and take responsibility in life. The event is free and open to the public.

Hernandez, a product industrial designer/illustrator with Castex Industries in Holland, was elected to represent the city's 2nd Ward in November 1987 at age 23. He was re-elected in 1991, and is now running for the Republican nomination for a seat on the Ottawa County Commission.

Following his speech, entertainment will

'WMU Presents' to air

The cable programming office of the Division of Media Services is inaugurating a weekly hour of programming, "WMU Presents," on Cablevision.

The slot will include programs produced by media services, copyright cleared shows acquired and/or taped off satellite transmissions and programs produced by WMU students.

"WMU Presents" will be shown on Channel 32, alternating between Tuesdays one week and Fridays the next week. The program will premiere at 8 p.m. Tuesday, April 7, with the first of a five-part series titled "Beyond the Browning of America." This program highlights Latino experiences in the midst of the rapidly evolving society of the United States.

The show will be rebroadcast at 7 p.m. Friday, April 17. Every other Tuesday will mark the release of a new segment, while every other Friday will be a rebroadcast of the previous segment.

Jobs

The following list of vacancies is currently being posted through the Job Opportunity Program by employment services in the Department of Human Resources. Interested benefits eligible employees should submit a job opportunity transfer application or sign the appropriate bid sheet during the posting period.

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

(R) **Administrative Assistant III**, P-03, Communication, 91/92-283, 3/31-4/6/92.

Exchange

FORSUBLEASE—Furnished townhouse/condo at Quail Run, six minutes from campus off Stadium Drive. One large bedroom, study or second bedroom, one and a half baths, large living room and dining area, fireplace, laundry facilities. \$510 a month, May 1992 until July 1993. Call 7-4955 or 375-5932.

FOR RENT—Quiet one-bedroom upper with office or den in lovely Victorian home. Large kitchen, turret room and sun porch. Refined cat welcome. \$380, includes utilities except heat. Call Pat at 7-5270, or 381-1966 evenings.

FOR SALE—Couch (love seat size) with chair, off-white, \$100; rust velour swivel rocker, \$50. Call 7-4286 days.

FOR SALE—1981 Pontiac Grand LeMans. 87,000 miles. \$900/best. Call 388-4593 evenings, or leave a message during the day

Media

Stanley Robin, sociology, discusses the findings of a statewide survey to examine the drinking and drug use behavior of youths on "Focus," a five-minute interview produced by news services. "Focus" is scheduled to air Saturday, April 4, at 6:10 a.m. on WKPR-AM (1420) and at 5:45 p.m. on WKZO-AM (590).

be provided by Tex-Mex trio-style music from Los Bandits from 11 a.m. to 1 p.m. in the Bronco Mall of the Bernhard Center.

Hernandez also will speak at a banquet and ceremony honoring graduating Hispanic high school seniors from throughout Michigan from 6:30 to 8 p.m. in the Fetzer Center. The event will welcome guests by invitation only.

Hispanic Awareness Day is sponsored by the Division of Minority Affairs Retention Unit, Office of Admissions and Orientation, Hispanic Student Organization and Student Budget Allocation Committee.

Obituaries

Margaret L. Hinds, who served as a director of Vandercook Hall from 1943 to 1946, died March 17 in Milwaukee. She was 83.

She served in that position with her husband, Frank, who also was a faculty member in what was then the Department of Biology from 1935 until his retirement with emeritus status in 1970. He died in 1975.

Margaret Hinds taught fourth grade in the Portage Public Schools from 1954 to 1972.

Laurel Fenner Farnham, who worked in the Office of Admissions and Orientation for 18 years, died March 21 in Lady Lake, Fla. She was 67.

Farnham joined the admissions staff as a coding clerk and later served as manager of operations in that office.

She retired from the University in 1987.

Human Resources

TQM telecast presents Peter Scholtes

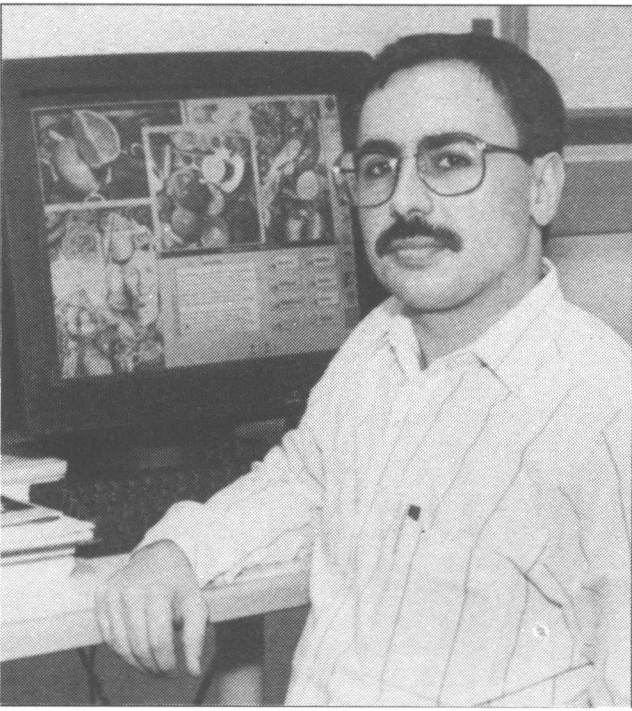
Total Quality Management (TQM) has been called the only saving reform for American enterprise. In order for managers to apply the principles and methods of total quality, organizations must create and integrate teams that can work together with mutual respect.

Hear what nationally-known management

On Campus

COMPUTING IN THE CLASSROOM

Working with faculty members to implement computing in their classrooms is the job of Reza Rashidi (pronounced RAY-zah rah-SHEE-dee). The manager of the faculty resource center in computing services, he oversees a laboratory that contains at least one of the various kinds of computers available across campus. "The idea is to have one of each type available so faculty members can experiment with the computers and decide what fits their purpose," he says. The room contains Next, Sun, Macintosh and Zenith computers. Rashidi shows faculty members how to use the equipment, writes programs, works with the faculty members on how to use programs and installs software. One project he's been working on lately is with John Link, art. Rashidi is helping him run slides of artworks through a scanner that digitizes the image and puts it on the computer. The result is what is pictured on the screen in this photograph. When the project is completed, students will be able to view the images on-line in the computing center and read comments about them prepared by Link. Rashidi says he enjoys his job because of the contact with faculty. "I get to meet a lot of faculty from a lot of different areas," he says. He came to WMU in 1980 as an undergraduate student, and has since earned a bachelor's degree in electrical engineering, a master's degree in computer science and a master's degree in applied mathematics. He has completed everything but his dissertation for his doctoral degree in mathematics.



consultant Peter R. Scholtes has to say about "Teamwork in the Quality Era." Scholtes will be the presenter at the third telecast of the World-Class Quality Leadership series. From 10:50 to 3 p.m. Tuesday, April 14, in the Red Rooms of the Bernhard Center. In session one from 10:50 a.m. to noon, Scholtes will talk about the ingredients that make up successful teams. In session two from 12:45 to 1:45 p.m., he will discuss the culture of teamwork in an organization and the organizational spirit conducive to quality. After a brief recess, questions submitted by participants during the lunch break will be answered.

The telecast is sponsored by the Department of Human Resources, and comes to WMU live via satellite from George Washington University in Washington, D.C.

Those who believe in TQM say it will require a new appreciation of quality, not quantity, and a shift in the cultural values that currently drive American economy.

According to Barbara S. Liggett, associate vice president for human resources, the new culture must respect the needs and desires of the customer, and it must accept the individual uniquenesses and ethnic differences within a work force that make us see "good, better, best" in different ways. Re-education to appreciate the value of teamwork to achieve the best end-product or result will be necessary.

"We, as a University, are in the business of education," Liggett says. "Students—and employees—are our customers. At the campus level, too, TQM makes responsibility and accountability the overriding rules in any work/learning transaction. This is where we can contribute to the TQM re-education."

Future presentations in the "Quality Leadership" telecasts include: W. Edwards Deming on "The New Economics," Tuesday, April 21; Philip B. Crosby on "Completeness: Managing for the 21st Century," Tuesday, April 28; and Peter F. Drucker on "The New Productivity Challenges and Do You Know Where You Belong?," Thursday, May 7. To register for any of these programs, call Doris J. Moore, human resources, at 7-3620.

TIAA-CREF is focus of retirement program

All employees, old and new, are invited to attend "Planning for Retirement: TIAA-CREF" from 10 a.m. to noon Wednesday, April 8, in the Red Rooms of the Bernhard Center. Risa Resnik, representative from the Teachers Insurance and Annuity Association-College Retirement Equities Fund, will discuss TIAA-CREF tax sheltered investments, as well as the retirement plan. Spouses are welcome. For reservations, call Doris J. Moore at 7-3620.

Employee information audit planned

For the second year, the University information systems office of the Department of Human Resources will be auditing all employee computer files. To ensure that the demographic and insurance information they have on file for you is correct, they will be distributing over the next year Employee Information Audit and Insurance Audit forms by employee group. This exchange involves personal and confidential data, and will not require any effort on your part, unless you have changes to report.

The clerical/technical and police staffs will be receiving their audit forms within the next week. Forms for professional/technical/administrative staff will be mailed in the summer, faculty in the fall and AFSCME in the winter.

Policy

Smoking Policy

Western Michigan University is dedicated to providing a healthy, comfortable and productive environment for students, faculty and staff in compliance with Act 198 of the Public Acts of 1986.

- A person shall not smoke in University facilities, in or on University properties, except in a designated smoking area. A designated smoking area must have adequate ventilation or access to fresh air to minimize the effect of smoke on both smokers and nonsmokers. Areas without adequate ventilation may not be designated as smoking areas.
- A private, enclosed room or office occupied exclusively by a smoker may not be a designated smoking area unless ventilation is adequate and smoke does not escape into common hallways or other offices.
- Every building shall be designated as a nonsmoking (or smoke-free) facility unless a smoking area has been designated by the building coordinator. Smoking areas to be designated may not include restrooms, hallways, passageways for the public, lobby areas or entrances/exits to buildings.
- Smoking is not permitted in University vehicles.
- If smoking is permitted in a designated area, then:
 - Nonsmokers must be located closest to the fresh air or ventilation and separated from smokers.
 - Special consideration shall be given to individuals with a hypersensitivity to tobacco smoke.
- In residence halls, a nonsmoking student will not be required to live with a smoking student.
- Signs shall be posted on every entrance to every University facility stating: "Smoking prohibited except in designated smoking area."
- Signs shall be posted in every University vehicle stating: "Smoking prohibited in this vehicle."
- Building coordinators shall be responsible for building designations as smoke-free or designated smoking areas.
- Enforcement of this policy is with the Department of Public Safety, Division of Environmental Health.

(Required by state law; approved by president January 1987; amended December 1991)

Calendar

Thursday, April 2

(thru 30) Exhibit, "Native Americans, Today and Yesterday," portraits of Native Americans by Michele Gauthier, St. Joseph artist, Department of Human Resources, 1240 Seibert Administration Building, weekdays, 8 a.m.-noon and 1-5 p.m.

*(and 3) Management development seminar, "Inventory Management and Control Techniques," Roland Giuntini, executive consultant, Cattani Consultants, and president, Giuntini Aviation, Fetzer Center, 8:30 a.m.-4:30 p.m.

*(and 3) 10th Conference on the Small City and Regional Community, second floor, Bernhard Center: April 2, 9 a.m.-7:30 p.m.; and April 3, 9 a.m.-5 p.m.

Annual WMU Student Art Exhibition, Multi-Media Room, Dalton Center, 10 a.m.-4 p.m.

(and 3) Art Education Student Show, Space Gallery, 2700 Knauss Hall, 10 a.m.-4 p.m.

(and 3) Photography exhibition, Lisa Condino, BFA candidate, Student Art Gallery, East Hall, 10 a.m.-5 p.m.; closing reception, April 4, 5-8 p.m.

(thru 10) Exhibition of paintings by Bert Brouwer, chairperson of art, Albright (Pa.) College and student show juror, Gallery II, Sangren Hall, 10 a.m.-5 p.m.

Mathematics and statistics colloquium, "What's Your Oracle? An Introduction to Turing Degrees," W.C. Calhoun, Kalamazoo College, commons room, sixth floor, Everett Tower, 4:10 p.m.; refreshments, 3:45 p.m.

University film series, "Pink Floyd: The Wall" (United States, 1982), directed by Alan Parker, 2302 Sangren Hall, 6 and 8:30 p.m.

(thru 19) Third annual Shakespeare Festival: April 2 pre-show discussion, "Theatricality and Authority in 'A Midsummer Night's Dream,'" Ellen Caldwell and Gail Griffin, associate professors of English, Kalamazoo College, 3321 Brown Hall, 7:15 p.m.

*Dalton Series concert, the New World String Quartet, Dalton Center Recital Hall, 8 p.m.

*(thru 11) University Theatre production, "A Midsummer Night's Dream," Shaw Theatre, 8 p.m., except on April 5, 2 p.m.

Friday, April 3

24th annual Spring Conference on Wind and Percussion Music, Miller Auditorium and Dalton Center, all day; concert by Brandywine High School Symphonic Band, Miller Auditorium, 1 p.m.; concert by East Lansing High School Symphonic Band, Miller Auditorium, 2:45 p.m.; concert by WMU Symphonic Band, Frank Ticheli All-Star Band and WMU Brass Choirs, Miller Auditorium, 7:30 p.m.

Hispanic Awareness Day, Red Rooms, Bernhard Center, 9 a.m.-1 p.m.: featuring address, "Achieving Your Dreams," by Luciano Hernandez IV, 1989 WMU graduate and first Hispanic elected to the Holland City Council, 10 a.m.

(and 4) Softball doubleheader, WMU vs. Bowling Green State University, Ebert Field: April 3, 2 p.m.; and April 4, 1 p.m.

Multiclinic, focusing on the Center for Developmentally Disabled Adults, Studio A, Dunbar Hall, 2 p.m.

Center for the Study of Ethics in Society lecture, "Social Work Ethics," Linda C. Reeser, social work, and Wade L. Robison, Kalamazoo College and Rochester Institute of Technology, Martin Luther King Jr. Room, 204 Bernhard Center, 3 p.m.

Women's tennis, WMU vs. Michigan State University, Sorensen Courts, 3 p.m.

Psychology colloquium, "Behavior Analysis and AIDS," R. Wayne Fuqua, psychology, 3760 Knauss Hall, 4 p.m.

(thru 5) Carnival, Read Fieldhouse parking lot: April 3, 4 p.m.-midnight; April 4, noon-midnight; and April 5, noon-10 p.m.

*(and 4) University Theatre production, "Burn This," York Arena Theatre, 8 p.m.

Saturday, April 4

Sara Swickard Preschool walk-a-thon, Read Fieldhouse, 9:15 a.m.

25th annual Midwest Brass Symposium, Dalton Center, all day; featured concert with the Western String Chamber Orchestra and bass soloists Nico Abondolo and Thomas Knific, Dalton Center Recital Hall, noon.

Women's tennis, WMU vs. the University of Michigan, Sorensen Courts, noon.

*Spring football Brown and Gold Game, Waldo Stadium, 1 p.m.

*Concert, Modern Jazz Quartet 40th Anniversary Tour, Miller Auditorium, 8 p.m.

Sunday, April 5

Concert, University Chorale, Dalton Center Recital Hall, 3 p.m.

Monday, April 6

(thru 10) Days of Remembrance display of posters from the Simon Wiesenthal Center, Lee Honors College lounge, 8 a.m.-5 p.m.

Teacher Placement Day, East Ballroom, Bernhard Center, 9 a.m.-4 p.m.

(thru 10) Photography Student Show, Space Gallery, 2700 Knauss Hall, 10 a.m.-4 p.m.; opening reception, April 6, 5-7 p.m.

(thru 10) Painting exhibition, John DeRyke, BFA candidate, and Lena Hibma, MFA candidate, Student Art Gallery, East Hall, 10 a.m.-5 p.m.; closing reception, April 10, 6-9 p.m.

Men's tennis, WMU vs. Valparaiso University, Sorensen Courts, 3 p.m.

Concert, University Percussion Ensemble directed by Judy L. Moonert, Dalton Center Multi-

MAD HATTERS — About 120 WMU faculty and staff members learned about people



with special needs or disabilities during a performance by the Mad Hatters March 24 in the Bernhard Center. Sponsored by the Department of Human Resources, the program by the educational theatre troupe from Kalamazoo was designed to increase awareness of the Americans With Disabilities Act. Here, Tim Hayden plays "Wild Bill," an ex-trucker who uses a wheelchair. Members of the audience were given hats to wear during the performance, one of two staged at WMU last week as part of Handicapped Awareness Days. The second program, geared primarily for students, was sponsored by Handicapped Student Services.

Media Room, 8 p.m.

Concert, Western String Chamber Orchestra conducted by Bruce J. Uchimura, Dalton Center Recital Hall, 8 p.m.

Tuesday, April 7

*(and 28) Baseball doubleheader, WMU vs. Central Michigan University, Hyames Field, 1 p.m.

Softball doubleheader, WMU vs. Central Michigan University, Ebert Field, 2 p.m.

Days of Remembrance activities: lectures by Eva Mozes Kor, Terre Haute, Ind., a survivor of the Nazi experiments with twins during World War II: "Nazi Medical Experiments," Lee Honors College lounge, 3 p.m.; and "How I Survived the Mengele Twin Experiments," 3770 Knauss Hall, 7:30 p.m.

Discussion/seminar on work of two contemporary Senegalese novelists by Elizabeth Ann Wilson, WMU visiting international scholar and head of the Department of French, University of the West Indies, and Cynthia Running-Johnson, languages and linguistics, 10th floor lounge, Sprau Tower, 3:30 p.m.

Women's Center panel discussion, "Mainly for Women: Women Talk About Their Sexuality," led by Joanne Dodgson, Women's Center, 105 Bernhard Center, 7 p.m.

Concert, WMU Treble Chorus directed by Michael Molloy, Dalton Center Recital Hall, 8 p.m.

Wednesday, April 8

Training and development seminar, "Planning for Retirement: TIAA-CREF," Risa Resnik, TIAA-CREF representative, Red Rooms, Bernhard Center, 10 a.m.-noon.

Doctoral oral examination, "The Effect of Associative Distance on the Formation of Transitive Relations," Robert G. Brown Jr., psychology, 108 West Hall, 10 a.m.

*Spring luncheon, Administrative Professional Association and Clerical/Technical Organization, North Ballroom, Bernhard Center, 11:45 a.m.

Softball doubleheader, WMU vs. the University of Notre Dame, Ebert Field, 3:30 p.m.

Russian Film Festival, "Mirror" (1974), directed by Andrei Tarkovsky, 1114 Brown Hall, 7 p.m.

Shakespeare Festival pre-show discussion, "Theatricality and Authority in 'A Midsummer Night's Dream,'" Ellen Caldwell and Gail Griffin, associate professors of English, Kalamazoo College, 3321 Brown Hall, 7:15 p.m.

*Jazz concert, the Mike Stern-Bob Berg Band, Dalton Center Recital Hall, 8 p.m.

Thursday, April 9

Days of Remembrance presentation of undergraduate research on the Holocaust, Lee Honors College lounge, 3 p.m.

Doctoral oral examination, "Contingency-Shaped Behavior and Rule-Governed Behavior: A Comparison in Terms of Speed of Acquisition, Generalization and Maintenance," Ronald Ramirez-Henderson, psychology, 353 Wood Hall, 3:30 p.m.

Mathematics and statistics lecture, "Greatest Common Divisors and Least Common Multiples of Graphs," Lisa Hansen, graduate student, Michigan State University, commons room, sixth floor, Everett Tower, 4 p.m.

Presentation by candidate for faculty position in the proposed School of Nursing, Diane Hamilton, assistant professor, College of Nursing, Medical University of South Carolina, 105 Bernhard Center, 4 p.m.

Meeting, Friends of the University Libraries, instructional services room, Waldo Library, 4:30 p.m.

University film series, "The Adventures of Baron Munchausen" (England, 1989), directed by Terry Gilliam, 2302 Sangren Hall, 6 and 8:45 p.m.

Women's Center panel discussion, "Mainly for Men: Men Talk About Their Sexuality," led by Donald VanHoeven, campus minister, Faculty Lounge, Bernhard Center, 7 p.m.

*Campus Activities Board presents Bernie's After Hours, comedian A.J. Jamal, North Ballroom, Bernhard Center, 9 p.m.

*Admission charged

Gifts, grants running ahead of last year's figures

Gifts to the University are running 16 percent above last year's figures and grants to the University are up by 7 percent, according to reports presented to the Board of Trustees at its March 13 meeting.

The gift total of \$791,884, reported for Jan. 1 through Feb. 18, brought the total of gifts received by the University during the 1991-92 fiscal year to \$3,535,058. That amount is larger than the figure received last year by \$492,468 or more than 16 percent.

A January grant total of \$655,189 brought the year-to-date total of grants received to \$7,994,053, which is 7 percent higher than last year's total of \$7,463,333 for the same period.

Notable gifts for the period reported included two large donations totaling \$60,000 from Kalamazoo organizations to fund planning for WMU's proposed School of Nursing.

Two other gifts totaling \$60,000 were made to finance renovation of the Gilmore Alumni House, residence of the late Donald S. and Genevieve Gilmore. The Gilmore family donated the home to the University in 1991 and it is currently being renovated for University use. It has been selected as the Kalamazoo Symphony Orchestra League's Designer Showhouse '92 and will be open for viewing April 25 through May 13.

Also received during January was a gift from Carol H. Schreiner, music, to establish the Erik Schreiner Memorial Mathematics Scholarship in memory of her husband, a WMU faculty member in mathematics and statistics who died in September 1991.

An anonymous gift of \$10,000, to be used for the Waldo Library renovation, was received during January as well as a second anonymous gift for \$30,350 to support the Russell Brown Brass Quintet in the School of Music.

Also received was a \$15,000 gift from the Upjohn Co. to fund an Upjohn Doctoral Fellowship in the Department of Educa-

tional Leadership.

Among notable grants received during January were two previously announced awards to the Center for Science Education. A \$160,240 grant from the American Institute for Physics will fund a three-year project aimed at improving college and university physical science instruction for preservice teachers (see story on page two). A \$55,517 grant from Northern Michigan University will fund WMU's role in Science Education in the Middle School, a statewide project designed to help local school districts implement science curricula that address Michigan's new science education objectives.

Also received during January was a \$46,250 grant from the National Aeronautics and Space Administration to Mark C. Kerstetter and Dalia Motzkin, both computer science. The grant will fund their continuing work on enhancing and maintaining a statistical database that keeps track of satellites in orbit over a fixed point on the earth's surface.

Another major January grant for \$90,000 was made by the Michigan Department of Public Health's Office of Substance Abuse Services to WMU's Specialty Program in Alcohol and Drug Abuse. The funds will continue that unit's management of the state's certification system for substance abuse professionals.

Multiclinic set for Friday

Multiclinic, which focuses on an interdisciplinary approach to the changing needs of individuals, will be presented at 2 p.m. Friday, April 3, in Studio A of Dunbar Hall.

This program will highlight WMU's Center for Developmentally Disabled Adults and a male in his 50s who has been diagnosed with Down's syndrome and is exhibiting symptoms of Alzheimer's disease.

After a video presentation and a discussion, audience members will have an opportunity to ask questions of the interdisciplinary panel.