



# OAKLAND UNIVERSITY

## News

104 North Foundation Hall  
Rochester, MI 48309-4401

A publication for faculty and staff

April 5, 1991



### Too Close to a Tornado

*One of the worst storms in years did considerable damage to the campus the night of March 27. Losses to university property included 25 trees, including several in the East Campus orchard; part of the Pryale House roof, which will cost approximately \$20,000 to repair; and numerous windows in Varner, South Foundation and Dodge halls. In addition, nearly 50 privately owned cars suffered glass breakage when low air pressure and high winds combined to suck the windshields and side windows out of parked cars. Damage was especially heavy in the lot near the residence halls.*

## Activist Issues Dire Warnings

You want ominous messages, talk to Dr. Helen Caldicott.

The Australian physician spoke for 90 minutes on April 1 to a small Oakland Center audience about the future of the Earth—or what's left of it. Her message was stinging, and by no means intended as April Fool's humor.

"We've got 10 years to save the Earth," she warned. A reduced standard of living isn't the consequence, she said, but an extinction of much of life as we know it.

Dr. Caldicott, who is credited with revitalizing the Physicians for Social Responsibility organization, spoke on a litany of issues related to the environment and world politics. Repeatedly, she tied in many of the world's environmental problems with political and business decisions that protect multinational corporations and America's wealthiest citizens.

War? Good for business. Peace? Bad for business. General Electric and its consumer products? A front for its real money-makers: nuclear power supplies and weapons manufacturing, she alleged.

The Persian Gulf War fit in nicely with Dr. Caldicott's theories. "That's what this war was about. It was a social war," she said. "It was to keep you in poverty while the rich got richer."

Government and business policies contributed to present a hygienic view of the war, with terms like "collateral damage" for human casualties. "War is about pools of water with human eyeballs floating in them. War is about men staggering around the fields with their intestines hanging out and their liver lacerated," she said.

On she went, exposing the dangers of political policies which protect the very corporations high on her public enemies list.

Speaking about the environment, she said typical uninformed Americans unwittingly consume more than their share of the world's resources and contribute more than their share of its pollution through their choices of consumer products.

Dr. Caldicott, speaking at the invitation of the Student Life Lecture Board, said

Americans accelerate the loss of forests by using paper products, even though alternatives are available. Paper diapers, napkins and tissues all play a part in the destruction of the environment, she said. "Americans blow their noses on trees," she noted.

Using paper not only reduces the number of ozone layer-protecting trees, but the manufacturing process contributes to the production of deadly dioxins. More electric appliances contribute to more energy production, which contributes to more fossil fuel consumption, and ...

"As the world takes on your culture, the world will die," Dr. Caldicott said, flatly.

Standing at a chalkboard, she sketched a human lung, which inhales oxygen and exhales carbon dioxide, then a tree, which does the opposite. Noting the similarities in shape and function, she commented, "The tree is the reverse of the human lung. The tree is the lung of the Earth."

Further complicating the Earth's good health is chemical production. Since the turn of the century, Dr. Caldicott said, more than 10 million chemical compounds have been created by scientists. Many products made with these will never degrade, others will pollute the air and water as they are disposed of. Dr. Caldicott implied this life-style is symptomatic of how Americans view the rest of the world.

"You guys don't have a right to live in such affluence," she said. "You guys don't deserve to be rich, and have no right to be rich when 80 percent of the world's people are starving," she said. "It's nuts!"

Dr. Caldicott urged the audience to elect independent candidates—and more women. She said half-jokingly that the "estrogen factor" would help balance the "testosterone factor" of male politicians.

Regardless, she said, individuals must break from their pattern of "psychic numbing," or avoiding what they don't want to hear.

Out of 30 million species on Earth, humans are the only one with the power to save or to destroy it, she said.▼

## Backbone Network Becomes a Reality

The newest network in town has nothing to do with showing old movies at 3 a.m.

This one is the long-awaited OU Network, or OUnet, that links computer users in campus academic buildings by way of fiber-optic cables. Dedication ceremonies for the new campus backbone data/image network are scheduled for April 8 in all campus academic buildings.

John Tower, associate dean of the School of Business Administration and a member of the OU Network Committee, says the medium-speed local area network will connect computers to network services, other computers and printers, plus network services on external networks.

The April 8 dedication is scheduled in two parts:

### Network demonstrations

At 10:30 a.m., demonstrations of network services will be conducted in six locations. These demonstrations will use different workstations (MS-DOS personal computers, Macintoshes and/or DEC workstations) that are connected to the OU Network.

The demonstrations will be in 200 Dodge Hall, conducted by Ronald Srodawa of the School of Engineering and Computer Science; 363 Hannah Hall, by Michael Sevilla of the Department of Chemistry; 129 Kresge Library, by members of the staff; 157 NFH, by Dan McDonald of the Office of Computer and Information Systems; 328 O'Dowd Hall, by Louis Nachman of the Department of

Mathematical Sciences; and 479 Varner Hall, by Tower.

### Formal opening and dedication

At 11 a.m. in 200 Dodge, a formal program will be held, at which President Joseph E. Champagne and Provost Keith R. Kleckner will speak. Champagne will send a message that formally opens the network. Visitors will also watch a videotape of faculty and students using a variety of workstations and network services. Srodawa will give a demonstration of available network services.

Tower says that persons not connected to the network will soon receive information explaining how they may benefit from it.

Services now available on the network can also be reached from any computer equipped with a modem, either at work or at home.

The services on the network include:

- Sending and receiving electronic mail to persons at Oakland and at other institutions.
- Access to library card catalogs at Oakland and other universities.
- File saving, transferring and sharing, and backing up to file servers.
- Computer conferencing and bulletin boards.
- Interactive messaging.
- Access to software on the OU and distant host computers.
- Printing across the network.▼

## External Support at Record \$6.6 Million

External funding for research and other sponsored program activity hit a record \$6,601,103 for fiscal 1989-90, up \$525,749 from the previous year.

By broad program area, the \$6.6 million total breaks down into academic support, \$4,886,426; student programs (Upward Bound, special services and placement and career services), \$900,552; and university programs (arts, biomedical research support, Research Excellence Fund and lecture support), \$814,125.

As part of that \$6.6 million total, the figures from the Office of Research and Academic Development show external research support at \$4,173,325, up \$92,022 from the previous year.

University officials say the leading research units to attract the \$4.1 million were:

- Eye Research Institute, \$1,585,253.
  - College of Arts and Sciences, \$1,470,011.
  - School of Engineering and Computer Science, \$438,264.
  - School of Health Sciences, \$85,350.
  - School of Nursing, \$31,416.
  - School of Business Administration, \$10,000.
  - University programs in research, \$553,031.
- Almost all of this total came from the Research Excellence Fund and the Economic Development Award from the state.

In addition to the \$4,173,325 in research, OU external support came from the following four categories:

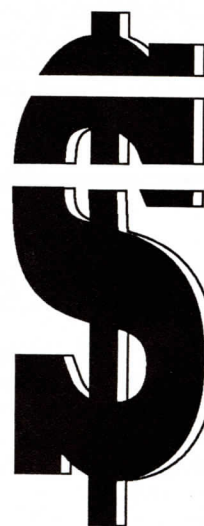
- Education programs, \$1,194,632.
- Program development, \$272,419.
- Student services, \$900,552.
- Fellowships, \$60,175.▼

### Slicing Up External Funding

University Programs  
• \$814,125

Student Programs  
• \$900,552

Academic Programs  
• \$4,886,426



## Oakland Alumna to Take Reins of Prestigious Private College

She breezed through high school and was among the brightest students of her time at Oakland.

Now she's about to become a college president at a prestigious private women's school in Oakland, Calif.

Janet Holmgren McKay will become the 12th president of Mills College on July 15. She is now vice provost of Princeton University, where she received her master's and doctoral degrees in linguistics. She had received a bachelor's degree in English at Oakland with a linguistics concentration.

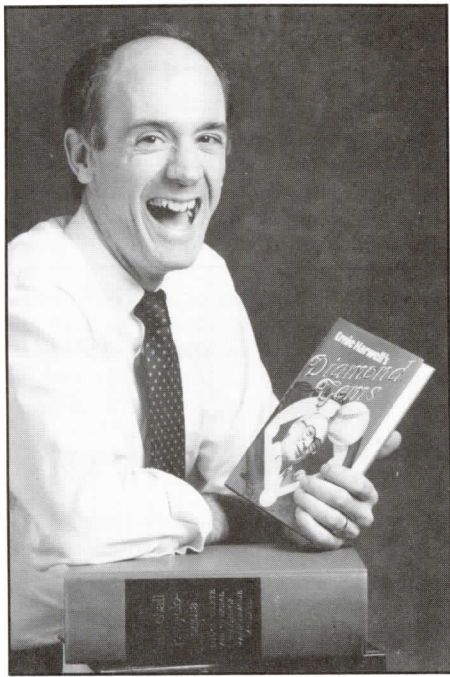
McKay is no stranger to academic achievement. She graduated as valedictorian of a large suburban Chicago high school at age

16. Three years later, in 1968, she graduated *summa cum laude* from Oakland.

McKay was a Princeton University Fellow from 1968-69 and 1970-72. She became an assistant professor at what is now the University of the District of Columbia in 1972. Later she became an assistant professor at the University of Maryland-College Park. In 1982 she was named assistant to the chancellor at UM-CP. Her administrative experience at Princeton began as associate provost in 1988.

The new college president has also published extensively and conducted research into American literary style, feminist theory and criticism, and women's voices in literature.▼





Geoff Upward edited broadcaster Ernie Harwell's new book, 'Diamond Gems.'

## Another Hit

### Publications Editor Finds Working on Harwell Book a Steal

It was like being 7 years old again and gorging himself on candy. No matter how much he ate, there still was more.

That's how it was for Geoff Upward, only the candy was a nearly limitless supply of baseball history. In front of him, on scraps of yellowed paper, tattered index cards and who-knows-what-all, were legendary stories of American baseball.

The storyteller behind them was one of the masters himself, Detroit Tigers broadcaster Ernie Harwell, who was in the process of compiling a book. Harwell's Ann Arbor publisher hired Upward, director of publications, as a free-lance editor. Upward helped Harwell sort out his collection of quips, opinions and trivia for his second book, *Diamond Gems*.

For a baseball fan like Upward, it was a chance few will ever get to see a sport from the inside out.

"The best part about it was the copy was so interesting," Upward says. "That made it easy."

Harwell and Upward met numerous times during a six-month period to go over the material and organize it. Each chapter focuses on a different aspect of the game and personalities. All of it is pure Harwell.

"The materials were Ernie's collection of broadcasts from the past 50 years. A few were on tapes, but mostly it was manuscripts. He would type out little stories, and some were hand scrawled on index cards, but a lot were typed out on a manual typewriter," Upward says.

The stories in *Diamond Gems* are those Harwell uses on air during his WJR radio broadcasts. Harwell has notes about incidents, players and managers, and minutiae at hand. Sliding into a story about Casey Stengel is as easy for Harwell as sinking into an overstuffed chair next to a fireplace.

*Casey Stengel had this advice for a soldier who*

*had criticized his managerial strategy: "If you're so smart, Buster, let's see you get out of the Army."*

Hundreds of stories are included, but hundreds more had to be left out. Upward says his job was to verify many of them by checking standard reference materials. If Harwell had noted someone had had a .289 batting average or was a second baseman, Upward checked it out. While that may sound like mind-numbing work, Upward appreciated the chance to delve into the records with Harwell.

"Fact-checking was a big part of the job, and some of those things you just can't check," Upward says.

Many stories Harwell tells are unverifiable, but only because they were learned firsthand. Realizing the depth of Harwell's career and his vast contacts made it even more apparent to Upward that Harwell was himself a national treasure.

"It's stories about baseball from its beginning up until the present, and there are a few stories about Ernie in it. It's mostly stories that he has heard or been told about baseball," Upward says. "Some of the stories are things he's heard right from managers and ballplayers."

Yet all of this elbow-rubbing has not affected Harwell, Upward says. Harwell and his wife Lulu were always the gracious hosts, whether at their Farmington Hills home or at Tiger Stadium, where Upward sat in the WJR booth one night to watch a game.

Despite all the years in broadcasting, Upward says, Harwell still prepared for each game like a beginning reporter. He walked out on the field to hustle for interviews like all the others, and even got rejected by some of the younger visiting players. They were the ones who didn't know they were talking to a walking encyclopedia.

*Rogers Hornsby, when he managed, allowed no food or soft drinks in the clubhouse, yet he allowed a pinball machine and gambled on it with his players.*

The book is selling well now and Harwell will be promoting it when he returns this month with the Tigers. Already the *Detroit News* has excerpted it in a multi-part series.

The satisfaction for Upward on this project, aside from seeing his name there with Harwell's, was consuming all that baseball information.

And not gaining a pound.▼

— By Jay Jackson

## Send 'em to Camp

If you have children or grandchildren who would like to sharpen their artistic skills, you might want to consider sending them to camp.

Registrations are now being accepted for the popular summer Youth Arts Camps sponsored by the Center for the Arts.

The ninth annual camps will run from July 8-19 and July 22-August 2 for children ages 7-12. The camps are identical in content and staff.

An innovation of this year's camps is a class in combined arts. This session will allow students to create and prepare for a performance using the artistic process learned in classes.

Enrollment deadline is June 21, but camps usually fill early. For details about fees and other matters, call 370-3018.▼

## Students to Display Professor's Prints

Art from the private collection of a university professor will be displayed in the Oakland Center from April 9-11.

*500 Years of Printmaking* will feature original fine prints from the collection of Carl F. and Anna M. Barnes. Carl Barnes is a professor of art and archaeology.

The exhibition has been prepared by Barne's Art History 370 class, which studied the graphic arts. The Barnes collection illustrates the main techniques of printmaking from 1400 to the present.

Barnes' students determined the theme of the exhibition, selected the prints and prepared the written commentaries that will accompany each print.

Students participating in the project are Andrea Dalzell, Barbara Fowler, Barbara Frye, Wendy Harrison, Kaarin Joranstad, Tracy Korzenborn, Gail Plunkett, Jan Somerlott and Anne Webb.

The exhibition will run from 10 a.m.-4 p.m. daily in the East Crockery Annex.▼

## Our People

Send your brief items about professional activities or honors to the News Service, 104 NFH. Space limitations and/or power failures sometimes create minor backlogs.

**PRESENTATIONS**  
RONALD SUDOL, rhetoric, communications and journalism, presented a paper, *Personal Influences on Student Use of Word Processing*. It was presented at the annual meeting of the Conference on College Composition and Communication in Boston.

CHARLOTTE STOKES, art and art history, delivered a paper, *The Influence of Max Ernst's Childhood in Brühl on His Later Work*. She presented it at the Current Research on Max

Ernst Session at the College Art Association meeting in Washington, D.C.

ANDREA EIS, art and art history, had an installation, *Antigone's Cave, No. 3*, in the *Installations* exhibition at the Detroit Artists Market.

**PUBLICATIONS**  
BEVERLEY GELTNER, curriculum, instruction and leadership, wrote *Creating a Community of Learners and Leaders: A Team Problem-Solving Design of Administrator Development*. It will appear in the spring issue of the *National Forum of Applied Educational Research Journal*.

PAUL KETCHUM, biological sciences, published a research paper on *Occurrence of Nitrate Reductase and Molybdopterin in Xanthomonas maltophilia*. Coauthors were LISA WOODARD and ANTHONY BIELKIE, biology graduates, and Dr. John Eisses of Henry Ford Hospital. The article appeared in the December issue of *Applied and Environmental Microbiology*.

GEORGE COON, reading and language arts, and GERRY PALMER, SHES, have coauthored an article on the process of school evaluation. *Process Writing: It Works for Teachers, Too* will appear in *The Executive Educator*.

HARRIET MARGOLIS, English, presented a paper, *Blue Steel: Has the Progressive Film*

*Moved Beyond 'Klute' and 'Coma'?* at the meeting of the Michigan Academy of Science, Arts, and Letters. It was held at Eastern Michigan University.

KARL D. GREGORY, business administration, and CATHERINE LOCKHART have coauthored *A New Approach for Financing Minority Businesses at Risk Levels Above Those Normally Acceptable to Banks*. It appears in *Keys to the Future of Small Business*, published by the U.S. Small Business Administration. They also presented their findings at a workshop held at the University of Michigan.

### HONORS

GERALD G. FREEMAN, education, received the Jane Scandary Award for Excellence in Early Childhood Education at the annual awards dinner of the Michigan Council for Exceptional Children. He is the first educator to be awarded this honor since the award was initiated in 1990. The award is to be given annually by the Michigan Division of Early Childhood, a division of the CEC, for outstanding contributions in early childhood programming.

BEVERLEY GELTNER, curriculum, instruction and leadership, has been selected by the ACE-NIP Executive Committee as Oakland's candidate for the Bryn Mawr Summer Institute for Women in Higher Education Administration. Geltner is also serving as chairperson of the Rochester High School Study Project, a broad school-community committee of 22 members involved in the examination of the entire high school program, including curriculum design and organizational structure.

EGBERT W. HENRY, biological sciences, has been appointed to the Greening of Detroit Board of Commissioners. The goal of Greening of Detroit is to guide and inspire the reforestation of the city's neighborhoods, boulevards and parks. Greening of Detroit is supported by local, state and private funds. Some projects under way are the development of a 1.5 mile strip of Larned Boulevard and the implementation of Project Learning Tree in three pilot Detroit schools.

KARL D. GREGORY, business administration, has been invited to join the Process Planning Committee for Vision 2010. He will help elected and appointed officials and leadership representatives in Oakland County

with laying out a process for planning for the future. He has also participated in an Oakland County "summit meeting" to discuss what might happen by 2010 if current policies are unchanged.

Gregory has also been appointed as a member of the Regional Development Initiative, a cooperative effort by elected officials in the seven-county metropolitan area, community leaders and researchers. They study the growth trends affecting the quality of life through 2010 and suggest policy changes.

## New Faces

Additions to the university staff include the following persons:

- ANNMARIE DANIELS of Oxford, secretary II in the Division of Continuing Education.
- LORI EAGLEN of Waterford, food handler I in the Food Service.
- GERALDINE GRAHAM of Pontiac, assistant director of Upward Bound.
- PHYLLIS GUGEL of Lake Orion, clerk-receptionist in the Academic Skills Center.
- ALESIA HERRING of Pontiac, food handler I in the Food Service.
- ELIZABETH HOUSE of Dryden, secretary I in the Department of Psychology.
- DANIEL JAFFE of Waterford, technical production director in Meadow Brook Theatre.
- THERESA KATZ of Troy, senior systems analyst in the Office of Computer Services.

## In the News

Recent news coverage about the faculty and staff has included the following items.

- ROBERT J. GOLDSTEIN, political science, was quoted extensively by the *Boston Globe* for an article on the flag-burning controversy.
- JUDITH K. BROWN, sociology and anthropology, was interviewed by the *Rochester Eclectic* in an article, *She Studies Success of Middle-Aged Tribal Women Managers*. In an editorial, *Study on Women is Long Overdue*, the *Royal Oak Daily Tribune* noted her research on middle-aged women.

## Jobs

For information on position openings, call the Employee Relations Department Job Hotline at 370-4500.

- Electron microscopy technician, C-9, Department of Biological Sciences.
- Admissions adviser, AP-6, Office of Admissions and Scholarships.
- Retention coordinator, AP-6, Office of Special Programs.
- Business manager, AP-8, Meadow Brook Health Enhancement Institute.
- Employee relations assistant, excluded, Employee Relations Department.

The *Oakland University News* is published every other Friday during the fall and winter semesters and monthly from June-August. Editorial offices are at the News Service, 104 North Foundation Hall, Oakland University, Rochester, MI 48309-4401. The telephone is 370-3180. Copy deadline is noon Friday of the week preceding the publication date.

- James Llewellyn, senior editor and news director
- Jay Jackson, staff writer
- Rick Smith, photographer

## For Your Benefit

### AP Funds Available

Administrative-professionals interested in attending non-job-related workshops and conferences that provide professional growth should apply for funding from the AP Professional Development Fund.

Interested persons may apply at the Employee Relations Department, 140 NFH. Funds for 1990-91 year are limited, and applications will be reviewed on a first-come, first-served basis.

Information sheets and applications are available from ERD. A notebook with details about various conferences, previously held in ERD, is now available at the Kresge Library reserve desk. Call 370-3480 for details or see any of these committee members: Marguerite Rigby, chairperson; Margo King, Louann Stewart and Bill Marshall.



## Quote

"Technology feeds on itself. Technology makes more technology possible."

— Alvin Toffler

## Bits & Pieces

### Uncle Sam and the Doctor

The director of government affairs for the Cleveland Clinic Foundation will discuss government and its role in the medical profession during a free lecture at Meadow Brook Health Enhancement Institute.

Daniel Nickelson will speak at 7 p.m. April 10. The lecture is free and open to the public.

"Government is firmly entrenched in medicine and its involvement is increasing at an accelerated rate. Should the medical health profession stand by and wring its collective hands in anguish or can it actively influence the direction and outcome of this inevitable trend?" Nickelson asks.

### Help Dedicate the Mural

A mural by student members of La Pittura will be dedicated in 129C Kresge Library on April 10.

The dedication of *Images of Time* will be from 1-2:30 p.m. The mural depicts historical events from evolution through contemporary art. It is in one of the library computer labs.

Bob Robinson, director of the Office of Computer and Information Services, which is sponsoring the dedication, says the mural is named after a poem written by a student. Walid Elsady was inspired by the mural while working on a computer project. The poem has been matted and framed and hangs in the room.

The dedication is open to everyone.

### Don't Mess with Sue

Property Manager Sue Smith now has the power.

Smith's office has moved to 10 Public Safety and Services Building and is now part of University Services. She not only continues to be in charge of tracking all university equipment, but is now responsible for key control, shipping and receiving, and moving and delivery services. In other words, affable Sue might be the university equivalent of Norman Schwartzkopf, as far as ability to move and shake the movers and shakers.

Smith says you can call her at 370-4220 if you have any questions.

### They're Heading to Japan

Two students have received scholarships to study at the Japan Center for Michigan Universities in Hikone next fall.

Shawn Parente and Paul Smigielski were among 61 applicants statewide for the \$7,500 scholarships. They will study Japanese language and culture at the center, which is supported by all 15 Michigan public universities. Thirty-six students from the 15 universities were selected for the scholarships.

The committee which recommended OU's recipients consisted of William Schwab, linguistics; Bonnie Abiko, art and art history; and Carlo Coppola, international programs.

### Go Places with the Alumni

The Office of Alumni Relations is on the move — to Canada, Alaska and Mackinac Island.

Explorations '91 programs are intended primarily for alumni, but faculty and staff members are welcome as space permits.

On June 8, a one-day trip to the Stratford Festival in Ontario will feature a matinee performance of *Hamlet* or *Our Town*. John Urice, dean of the College of Arts and Sciences, will accompany the tour and provide insight into the plays. The \$99 per person fee includes transportation, a continental breakfast and dinner at a Canadian country inn.

From August 8-15, a cruise on Holland America's MS Noordam will explore the Alaska Inside Passage. The \$1,179 fee is based on double occupancy.

The final trip is September 13-14 to the Mission Point Resort on Mackinac Island. The fee is \$149 per person, double occupancy.

For information about any of the programs, call 370-2158.

# Suspenseful Professor Has a Hand in Determining How Cars Handle

From all outward appearances, Ka C. Cheok has as much chance of changing the way General Motors makes cars as Wiley Coyote has of catching the roadrunner.

The reason Cheok may succeed, however, is he generates practical ideas from his small Dodge Hall engineering lab.

Cheok, an associate professor in the School of Engineering and Computer Science, works with the automaker to help develop an active automobile suspension system.

You won't find Cheok creeping under cars with a crescent wrench to remove springs and shock absorbers. His role is critically important, in that without the computer algorithm that Cheok wrote, the suspension components developed by GM would not respond.

GM and other automakers have invested millions of dollars into developing a true active suspension system. An active suspension helps maintain a smooth, controlled ride, regardless of the road condition, by pushing and pulling wheels over bumps. The suspension also minimizes body lean in curves and pitching after hard braking by exerting pressure to counter natural forces.

Cheok says active suspension to a car is like legs to a downhill skier. A skier's legs push and pull to keep the torso relatively straight and balanced, regardless of the slope.

"If you want a good ride, road handling and cornering, you go with active suspension," Cheok says. "The reason being, as you go into a curve, the car tilts. The active suspension can push up the car and stabilize your road angle."

Active suspension has benefits on a straight road, too, especially if it has large dips and bumps. "Once you're sinking into a hole, you want the car to lift up, not go down into the hole," Cheok says.

The downward thrust of the wheel against the pavement stabilizes the car. Cheok explains that "as you go over a hole in an ordinary car, the wheel is going down and the car is going down with it. Active suspension pushes the car up."

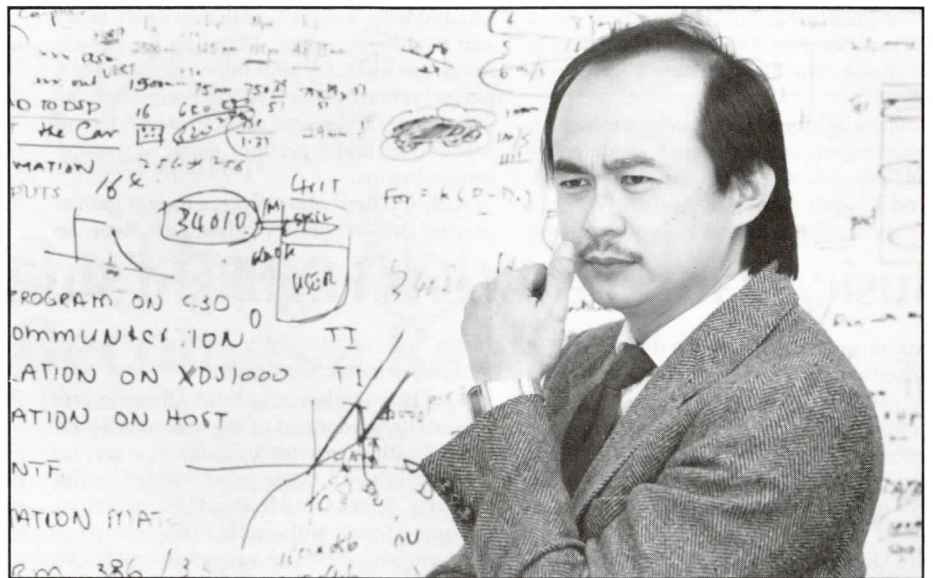
The system works through numerous sensors that feed information about the road surface and other factors to an onboard computer. If the left front tire hits a bump, the computer tells the components to pull the tire up and then push it back down. All of this occurs in 30 milliseconds.

Making all of this work takes considerable energy. "A fully active suspension requires additional power from the car," says GM engineer Myoungcho Sunwoo. Depending on the size of the car, up to 30 horsepower may be needed to push and pull the wheels.

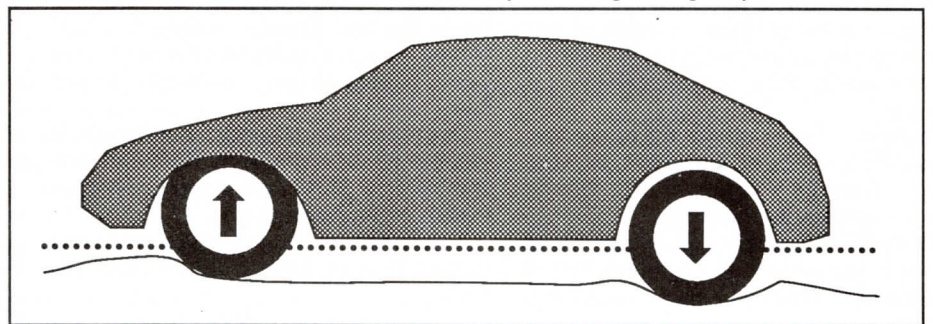
"To lift is very hard because it requires power. To drop is very easy because you're using gravity," Cheok says. Sunwoo, who received his doctorate from Oakland while studying with Cheok, says Cheok is one of only a handful of American university professors studying suspension systems.

Cheok started his work on active vehicle suspensions in 1986, designing systems for the Army Tank Automotive Command. Military applications focused less on cornering ability and more on the ability to steady a weapons platform.

Cheok and Sunwoo say that practical benefits of active automobile suspensions go be-



Ka C. Cheok stands before a board with some of the code he wrote to make the active suspension system work. Cheok's computer algorithm is an essential element in the system being developed by General Motors.



An active suspension keeps the body of the car relatively stable (as indicated by the dashed line) regardless of road conditions. As the car encounters bumps and holes, sensors tell the suspension to lift the front tire and push down the rear tire. The combined action steadies the car and increases driver control.

yond a smooth ride. Such an equipped car would improve the driver's ability to navigate curves without losing control.

In effect, a Cadillac could have some of a Corvette's handling characteristics. "And as you go over a rough road," Cheok says, "there would be a mix between hard and soft damping. Sports and comfort would combine to produce both criteria."

A GM demonstration tape shows a Corvette rounding a sharp curve at 45 mph. An identical Corvette without active suspension spins off the road entirely at the same speed. On a rough road, the driver of the actively suspended car can hold a glass of water at 60 mph. Without the active suspension, the driver gets a quick shower.

Cheok uses a model of an active suspension in his Dodge Hall lab to test his computer programs. He can simulate numerous conditions. A computer model he also developed is used to determine how a real car would react on the road. Cheok's computer shows the outline of a car encountering various road obstacles. By changing the program's variables, the car reacts differently, thus saving engineers countless hours on a real test track.

While all of this sounds like a sure-fire way to improve auto safety, Cheok and Sunwoo note that there are numerous ethical chal-

lenges ahead for GM executives to ponder before they approve production.

A concern is that owners might drive faster than necessary if they know their cars can handle conditions. Suppose drivers exited from an expressway well above the recommended speed limit on the ramp, knowing their car could negotiate the curve. That driver overconfidence could create a dangerous situation if traffic were stopped ahead, out of sight.

Cheok says another concern is reliability. If sensors failed and disabled the system, and drivers were unaware, they could lose control.

While GM executives wrestle with those issues, the engineers are working to improve reliability. Cheok says that even if active suspensions are never added to cars, there's room for the technology in other applications.

The engineering professor envisions ambulances using active suspensions inside the patient area. A stretcher could be suspended on poles which have their own active suspension system. The stretcher, then, would remain stable while the ambulance itself is jostled about on roads.

Another use for it would be in large trucks. An actively suspended cargo area would provide a safe environment for transporting fragile things.▼

## Student Organizations Cited for Programs

Student organizations and individuals from the faculty and staff were recognized April 3 at the 13th annual Student Organization Recognition Night.

The event honored organizations and individuals for their unique programming during the 1990-91 academic year. In addition to the honors listed below, several special awards were to be announced at the ceremony.

### Most Innovative Program Award

The award cites organizations in four categories which exhibit unique programming. Winners were the Gay and Lesbian Alliance, AIDS quilt display, academic/educational; Greek Council, Greek Olympics, sports/recreation; Jewish Student Organization, Hillel, noon forums, cultural/religious/social/political; Sigma Pi, American Marketing Association, Alpha Kappa Psi and others, Night at the Improv fund-raiser, entertainment/performers.

### Diverse Programming Award

The award is for the organization with the most varied programs. The Association of Black Students received the award for the Martin Luther King, Jr., Day march.

### Most Original Publicity/Promotion Award

The award cites an organization displaying creative publicity. The American Marketing Association received it for *Make the Move* and Phi Sigma Sigma received it for *The Choice is Clear*.

### Cooperative Programming Award

The Gay and Lesbian Alliance received the award for coprogramming with the AIDS quilt display.

### Most Outstanding Traditional Event

For the best annual event, the Gospel Choir received the award for its concert.

### Greek Academic Excellence Award

Chi Upsilon received the award for the most improved GPA, rising from 2.71 in 1990 to 2.96 in 1991.

### Gregory R. Marrs Awards for Greek Excellence

The Campus Leadership Award, Greek Council and Ann Herman; Campus Service Award, Theta Chi and Dave Knoila; Award for Commitment to Nonalcoholic Programs, Kappa Alpha Tau for its dry rush; Commu-

nity Service Award, Theta Chi for Toys for Tots, Desert Storm shirt sale and other projects; and Most Outstanding Program on Alcohol/Substance Abuse, Phi Sigma Sigma for its alcohol awareness program.

### Most Promising New Organization

The Gay and Lesbian Alliance for its work with the AIDS quilt and Condom Week display.

### Link Awards

These awards cite faculty and staff members and others for strong support and involvement with student organizations. Winners were Sandy Loeffler, JSO/Hillel; John Henke, business administration; Paul Franklin, CIPD; Mona Wallace, Oakland Center; Pat Nicosia, budget office; Mel Gilroy, public safety and police; Donald Hildum and David Lau, rhetoric, communications and journalism; Jean Ann Miller, residence halls; Nancy Schmitz, student life; Freddie Martin, academic services and general studies; Thomas Casstevens, political science; Beth Talbert, orientation; Sister Mary Bodde, St. John Fisher Chapel; Stuart Hyke, cultural affairs; and Stacy Penkala, admissions.▼



## 'Sleuth' Proves a Mystery of a Most Unusual Kind

Whodunnit?

Even with only two main characters in *Sleuth*, it's still a mystery.

Anthony Shaffer's Tony Award-winning play is at Meadow Brook Theatre until April 21. Former *New York Times* critic Clive Barnes called *Sleuth* "the best thriller I have ever seen."

*Sleuth* is a lighthearted mystery, a teaser for the most experienced devotees of detective fiction. The action is set in the stone-walled, pillared English manor of Andrew Wyke, a highly successful detective story writer. Into

this house, where everything is a potential murder weapon, Wyke invites a young neighbor named Milo Tindle.

Tindle has a love affair with Wyke's estranged wife, a woman with expensive tastes and healthy appetites. Claiming he doesn't mind the infidelity one bit, Wyke devises a perfect crime by which all three would profit. From here, Wyke set a diabolical trap for his wife's lover and a perilous game of cat-and-mouse begins.

Arthur J. Beer plays Wyke, a master games-playing British country gentleman. Beer, as-

sociate director of the Theatre Company of the University of Detroit, received the *Detroit Free Press* Best Actor Award last year for his performance in *A Walk in the Woods*.

Alexander Webb as Tindle appeared in *Barefoot in the Park*. He has also been in Meadow Brook's *The Mousetrap* and *A Christmas Carol*.

Charles Nolte directs *Sleuth*. The production is supported by the Michigan Council for the Arts and sponsored by Michigan Bell. For tickets, call 370-3300.▼

## Music, Dance Concerts Highlight Student Performers

Two musical concerts and a dance concert are scheduled at the Center for the Arts in April.

Events begin with the combined Oakland University Chorus and Orchestra and the Community Chorus presenting Haydn's *The Seasons* at 8 p.m. April 6 in Varner Recital Hall.

John Dvaras will conduct the two ensembles in their performance of the oratorio. The OU Chorus is the oldest musical organization on campus and has been in existence for more than 30 years. Members are undergraduate students.

The Community Chorus consists of OU Chorus graduates and adults of all ages from the community. It has been in existence for 29 years.

Professional guest soloists will be soprano Linda Weston Berg of Ann Arbor, who has been a featured soloist with the Piccolo Opera Company for 20 years.

Tenor David Troiano of Warren is making his third appearance with the chorus. He has performed extensively in opera and musical theatre.

Bass-baritone Richard Patton of Grosse Pointe Woods has sung throughout the United States in numerous Gilbert and Sullivan operettas.

Harpsichordist Jane Synnvestedt is associate organist at First Presbyterian Church in Birmingham and full-time accompanist at Southfield High School.

Tickets are \$8 general admission, \$6 for students and senior citizens, and \$3 for OU students.

### ► Chorale to Serenade

The 26-member Oakland Chorale will present its last concert of the season at 8 p.m. April 7 with a *Serenade to Music*.

Selections will range from Ralph Vaughn Williams' *Serenade to Music* to *O Sifuni Mungo*, a South African anthem that will be sung in conjunction with the university's African Drum Ensemble.

The program also includes Renaissance madrigals, motets on Gregorian themes by Durufle and spirituals.

Soloists will be Angel Starkey, Tami Petty, Dawn Berger, Trevor Rutkowski, Paul Moran, Tracy Kagey, Michael Ameloot, Scott Grieb, Daphne Briggs, Berniece Lamb and Kate Penney.

Lyle Nordstrom, director for nine years, is making his final appearance with the chorale as its director. He plans to devote more time to early music performances.

Tickets for the concert in Varner Recital Hall are \$3 general admission and \$2 for students.

### ► Spring Dances

The annual spring dance concert will feature a guest appearance by the Harbinger Dance Company.

The Oakland Dance Theatre, a student ensemble, will present a program of contemporary dances. Six faculty and student choreographers will present works.

The program includes *Three Faces of Woman*, a satirical look at female stereotyping, set to music by Erik Satie. Carol Halsted, associate professor of dance, has choreo-

graphed a humorous work that shows the audience's perspective while watching the *Firebird* ballet.

Gregory Patterson, an OU instructor and Harbinger member, describes his contribution to the program as "a senior citizen's tea party." Set to Hungarian polka music, the dance pokes fun at the wacky things "little old ladies" do.

Three student works by graduating seniors Stephanie Pizzo, Michelle Lengyel and Lidia DiCicco will complete the program.

Laurie Eisenhower, assistant professor of dance and artistic director of Harbinger, also directs the Oakland Dance Theatre.

Performances will be at 8 p.m. April 12-13 and at 3 p.m. April 14 in Varner Recital Hall. Tickets are \$8 general admission, \$4 for senior citizens and students, and \$3 for Oakland students.

For information about any of the concerts, call 370-3013.▼

## Kostrava Appointed President's Club Executive Director

James E. Kostrava has been appointed executive director of the President's Club.

Kostrava will be responsible for administration as well as membership development and retention. The President's Club is the fund-raising arm of the Oakland University Foundation.

As part of Kostrava's duties, he will be responsible for improving communications with and member involvement among the 1,166 President's Club members. He will also serve as development liaison for athletics, the Office of Computer and Information Systems and the Eye Research Institute. He is interim liaison for the School of Engineering and Computer Science.

Collectively, President's Club members contribute approximately \$1 million to the university in support of academic and cultural programs.

Kostrava previously was vice president-marketing for the Construction Association of Michigan. He is a certified association executive through the American Society of Association Executives in Washington, D.C. and a graduate of Michigan State University.▼

## Gallery Features Work of Three Artists

Contemporary art from private collections in metropolitan Detroit will be displayed at Meadow Brook Art Gallery from April 7-May 19.

*Cross Section: Contemporary Art Collections in Detroit* will feature the works of Jane Hammond, Howardena Pindell and George Vihos.

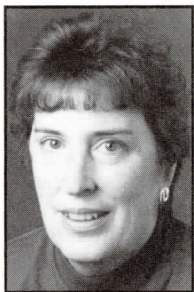
The gallery is in Wilson Hall, across from Meadow Brook Theatre. For details about exhibit times and other matters, call 370-3005.▼

## Employee of the Month

For the past 20 years, if you've had any contact with the Payroll Office, chances are you've met Marlene York.

York, Employee of the Month for April, has been employed in the Payroll Office since August 31, 1970. The following comments support this award:

- "Needless to say, receiving one's payroll check on time is of primary importance to all of us. Few people on campus appreciate the pressure exerted on the payroll office when the deadline for processing payroll arrives. Many documents arrive at the last minute, as well as after the deadline set by that office. In spite of this, Marlene does all she can to see that people are paid on time."
- "Because of the payroll manager's involvement in the current conversion of the payroll system, she must be out of the office much of the time. Marlene is responsible for the operation of the payroll office when the manager is absent."
- "People tend to get very upset and some-



York

times irate when because of some technicality they are not paid on time. Even though this is not a fault of the Payroll Office, Marlene may find herself taking flak from an employee — then graciously and calmly — advising the employee what steps can be taken to receive payment."

- "Marlene was the financial secretary for the UAW/CT union for many years. Her expertise has been called upon by both her union and fellow staff members alike. And if you've ever wondered who was responsible for coordinating the wonderful luncheons and social events for the union ... yes, you're right ... Marlene York!"
- "Marlene is an avid sports fan as well. Keep your eyes open, you may see her smiling face out on the golf course or maybe on the OU bowling league. If there is an event, you can bet that Marlene will be there, either lending her expertise, her enthusiasm or even donating a pint of blood. Marlene always goes to great lengths to come through for us."

Employee Recognition Award nomination forms are available in all departments, ERD and CIPO. For more information, call Victoria Blackmon or Gail Ryckman at 370-3480.

*The Employee of the Month column is provided by the Employee Relations Department.*

## Events

### CULTURAL

Until April 21 — Play, *Sleuth*, various times, Meadow Brook Theatre. Admission. Call 370-3300.

April 5-7 — Play, *Into the Woods*, 8 p.m. Friday and Saturday, 2 p.m. Sunday, Varner Studio Theatre. Admission. Call 370-3013.

April 6 — Oakland University Chorus, 8 p.m., Varner Recital Hall. Admission. Call 370-3013.

April 7 — Oakland Chorale, 8 p.m., Varner Recital Hall. Admission. Call 370-3013.

April 7-May 19 — Exhibit, *Cross Section: Contemporary Art Collections in Detroit*, various hours, Meadow Brook Art Gallery. Free. Call 370-3005. (Note this is a program change from previously announced exhibition title.)

April 9-11 — Exhibition, *500 Years of Printmaking*, from the collection of Carl F. and Anna M. Barnes, 10 a.m.-4 p.m., Oakland Center East Crocker Annex. Free. Call 370-3388.

April 10 — Mural dedication, *Images of Time*, 1-2:30 p.m., 129C Kresge Library. Free. Sponsored by Office of Computer and Information Services.

April 12-14 — Modern dance concert with Oakland Dance Ensemble and Harbinger Dance Company, 8 p.m. Friday and Saturday and 3 p.m. Sunday, Varner Recital Hall. Admission. Call 370-3013.

April 14 — OU Gospel Choir Concert, 6 p.m., Oakland Center Crocker. Free. Call 370-2722.

April 15 — Concerts-for-Youth Series, *Michigan in Song* with folksinger Wanda Degen, 10 a.m., Varner Recital Hall. Sponsored by Center for the Arts and Oakland Schools. Admission. Call 370-3013.

May 5 — Lafayette String Quartet concert, 3 p.m., Varner Recital Hall. Admission. Call 370-3013.

### ETCETERA

Weekly — Gay and Lesbian Alliance, open to all students, faculty and staff. Free. Call 370-2345 for time and location.

April 6 — Annual Women's Film Festival/Seminar featuring *Calling the Shots, No Need to Repent and Half the Kingdom*, 9 a.m.-4 p.m., 156 NFH. Admission. Registration preferred before March 25. Sponsored by Women's Studies. Call 370-2264.

April 8 — Campus backbone data/image network dedication events, 10:30 a.m. in each building and 11 a.m. in 200 Dodge Hall for formal opening ceremony. Free. Call 370-3280.

April 8 — Lecture by Dan Levitas of the Center for Democratic Renewal, noon, 128-130 Oakland Center. Free. Sponsored by 17 campus organizations. Call 370-4257.

April 10 — Dedication ceremony for mural, *Images of Time*, in 129C Kresge Library, 1-2:30 p.m. Sponsored by library and Office of Computer and Information Services.

April 10 — Lecture on government's role in the medical profession, by Daniel Nickelson of the Cleveland Clinic Foundation, 7 p.m., Meadow Brook Health Enhancement Institute. Free. Call 370-3198.

April 11 — University Senate, 3:10 p.m., Oakland Center Gold Room C. Call 370-2190.

April 11 — OU Dance Team (pom pon) membership meeting, 6:30-9 p.m., 126 Oakland Center. Actual try-outs will be April 29-May 2. Call 370-3832.

April 12 — Seminar, *Communicating Successfully with the Japanese Manager*, 8 a.m.-5 p.m., Meadow Brook Hall. Admission. Sponsored by Office of Cross-Cultural Programs. Call 370-2175.

April 16 — Lecture, *Exercise and Footwear*, by Paul Coughlin, 7 p.m., Meadow Brook Health Enhancement Institute. Free for institute members, admission for all others. Call 370-3198.

April 18 — Outstanding AP Award recognition reception, 3 p.m., Oakland Center. Sponsored by AP Assembly.

April 24 — Secretaries Videoconference, 11:30 a.m.-4 p.m., Oakland Center and Varner Hall. Admission. Sponsored by Division of Continuing Education. Call 370-3120.

April 26 — Seminar, *Medical Cases and the Legal Assistant*, all day, Meadow Brook Hall. Sponsored by Division of Continuing Education. Admission. Call 370-3120.

May 4, 11 and 18 — Seminars, *Contemporary Art in New York Galleries*, 10 a.m.-noon, Meadow Brook Hall Carriage House. Seminars may be taken individually. Admission. Sponsored by Division of Continuing Education. Call 370-3120.

May 10 — Appearance by Martha Stewart at Meadow Brook Hall. Admission. Sponsored by Council for Preservation of Meadow Brook Hall. Call 370-3140.

May 14 and 21 — Seminars, *Classics of Western Tradition*, 7-9 p.m., Sunset Terrace. Admission. Sponsored by Division of Continuing Education. Admission. Call 370-3120.

May 14 — Personal Financial Planning Program Information Night, 7:30 p.m., Oakland Center. Free. Sponsored by Division of Continuing Education. Call 370-3120.

### CLASSES

The Office of Computer and Information Systems offers various free software training courses for university employees. Call 370-4560.

The Division of Continuing Education offers classes on such topics as Classics of Western Tradition, computer software, Statistical Quality Control, Do-it-Yourself Financial Planning and others. Call 370-3120.

### ATHLETICS

April 6-7 — Men's baseball with Saginaw Valley State University, 1 p.m., Lepley Sports Center. Call 370-3190.

April 7 — Men's tennis with Wayne State University, 3 p.m., Lepley Sports Center. Call 370-3198.

April 11 — Men's baseball with Northwood Institute, 2 p.m., Lepley Sports Center. Call 370-3190.

April 14 — Men's baseball with Hillsdale College, 1 p.m., Lepley Sports Center. Call 370-3190.

April 16 — Men's baseball with Olivet College, 2 p.m., Lepley Sports Center. Call 370-3190.

April 20 — Men's baseball with Grand Valley State University, 1 p.m., Lepley Sports Center. Call 370-3190.

### FILMS

April 5 and 7 — *Jungle Book*, 7 and 9:30 p.m. Friday and 7 p.m. Sunday, 201 Dodge Hall. Admission. Call 370-4295.

April 12 and 14 — *Home Alone*, 7 and 9:30 p.m. Friday and 7 p.m. Sunday, 201 Dodge Hall. Admission. Call 370-4295.

### SPECIAL HOURS

Special hours will be in effect at the Oakland Center from April 17-29: 7 a.m.-11:30 p.m., April 17; 7 a.m.-midnight, April 18-20; noon-midnight, April 21; 7 a.m.-midnight, April 22-24; 7 a.m.-11 p.m., April 25; 7 a.m.-10 p.m., April 26; 7 a.m.-9 p.m., April 27-28; and 7 a.m.-11 p.m. April 29.

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