

OAKLAND UNIVERSITY

Fall 1993

MAGAZINE

BREAKING NEW GROUND

A new Science and Engineering Complex
heads the list of campus improvements

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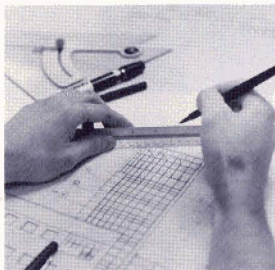
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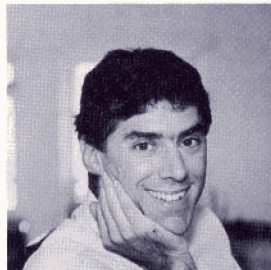
OAKLAND UNIVERSITY

MAGAZINE

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Cover photo by Dale Fisher Heli-Photo

PRESIDENT'S DESK



Maintaining Our Legacy

Traditionally, one way a campus measured its progress was by the improvements that occurred in its physical plant. With declining resources for higher education in the 1990's, the growth and development most campuses enjoyed for decades ended. Costly repairs were deferred and daily maintenance reduced. Room to grow and routine upkeep were no longer taken for granted.

Oakland University was not exempt from these concerns. Although Oakland experienced considerable enrollment growth, in the last 23 years the campus added only two new academic buildings and two library wings. State funding ceased for major maintenance projects and the expansion of evening and weekend classes to accommodate working students increased routine maintenance and security costs.

The challenge for universities was how to fund needed campus additions and repairs during a time when meeting daily expenses was difficult. Although the financial picture for higher education and for OU is not improved, recent occurrences are helping us to resolve some physical plant needs.

The first and by far the most significant occurrence is the 1993 legislative appropriation of \$39,000,000 for a new Science and Engineering Complex at OU. Comprised of three adjoining buildings and a free standing animal laboratory, the complex will add 186,000 square feet of needed classroom, laboratory and office space. The appropriation will also fund the renovation and air conditioning of Hannah Hall. Students and faculty in the sciences, engineering, mathematics, computer science, the health sciences, and continuing education will all benefit from this addition. Groundbreaking for this building will be October 1 at noon. Please come and join with us and Governor Engler for this momentous event.

The second occurrence is our enrollment growth this past year. Additional students have provided needed incremental income to fund increased security lighting, the extension of our outdoor "Brightway Path," the addition of "Blue Light" safety telephones, and the replacement of worn out classroom furniture.

The sale of land to the city of Auburn Hills for the widening of Squirrel Road has provided funds for campus accommodation for persons with disabilities and for addressing some of our most urgent deferred maintenance projects.

The sale of the president's residence on Munster Road provided funds for the repair of Sunset Terrace as the new president's residence. An improved vending machine contract is providing funds to redecorate the Oakland Center, and an improved Meadow Brook Theater season is enabling us to renovate unused residence hall space to house the Meadow Brook actors, thus solving two problems —

replacement actor accommodations when the trailers are removed to make way for the new building and generating bond retirement income from unused residence hall space.

OU alumni and friend donations added two wonderful new sculptures outside the Oakland Center this spring and inside the center our BookCenter was renovated by its operator, Barnes and Noble, and J.W.'s was spiffed up by Marriott Food Services — each with OU colors! Throughout campus—particularly those areas most heavily used by students — we are doing more painting and mowing.

In keeping with our emphasis on student service, this summer we moved 120 offices to create a Student Services Center in North Foundation Hall. When completed, the new Student Services Center will provide "one stop shopping" for students and easier staff collaboration for the benefit of students. The project will be completed in three phases. This summer's move added the offices of Admissions, Minority Equity (new), Academic Skills, Vice president for Student Affairs, Dean of Students, and Orientation to the building which already housed Advising, Student Accounts, Minority Affairs, and Financial Aid. Phase two will add Placement and Co-Op Education. Phase three will add Registration and Student Records.

To make room for student services in North Foundation Hall, administrative offices were relocated, including mine, to Wilson Hall. There I will be joined by three of the vice presidents, thus providing not only for improved student service collaboration, but improved executive collaboration as well.

Future projects on our drawing board include new internal and perimeter signs, additional classroom refurbishing, a campus-wide fiber optic network, residence hall renovation, expansion of the Oakland Center, John Dodge House renovation, a classroom for Shotwell Gustafson Pavilion, campus walkway resurfacing, roof and conduit repairs, and adding new classroom, recreational and physical service buildings — to name just a few!

Thanks to the efforts of many Oakland supporters, our beautiful campus is once again progressing. Much more remains to be done. But I am confident that with the assistance of alumni, friends, the state of Michigan, and our own efforts, we will insure that the Wilson legacy, this wonderful campus we all enjoy, will be here and in repair for generations to come!

A handwritten signature in dark ink that reads "Sandra Packard". The signature is fluid and cursive, with a large, sweeping "S" at the beginning.

Sandra Packard
President

BRIEFLY

▼ The university Board of Trustees named Michael P. Polis dean of the School of Engineering and Computer Science and tenured professor of engineering.

Polis came to Oakland in August from Wayne State University, where he had been professor and chairperson of the Department of Electrical and Computer Engineering since 1987.

"Our selection caps a national search and we are delighted to find the top candidate right here in Michigan," said President Sandra Packard. "Dr. Polis brings experience and vitality to his position, and I know he will provide able leadership for the School of Engineering and Computer Science and for the Center for Robotics and Advanced Automation housed within that school."

The new dean replaces Howard Witt, who served as engineering dean for the past five years and asked to return to teaching. He has been an Oakland faculty member for the past 26 years.

The new dean received his doctorate and master's in electrical engineering from Purdue University. Polis received his bachelor's degree in electrical engineering from the University of Florida.

▼ Professor Naim Kheir of the School of Engineering and Computer Science has been elected a fellow of the Society for Computer Simulation International.

Kheir, chairperson of electrical and systems engineering, has been a member of SCSI for more than 20 years. His election recognizes his outstanding contributions and achievements in the field of computer simulation.

Election as a fellow comes after nomination and election by the society's Board of Directors on the recommendation of a committee of peers. The Fellows Evaluation Committee ensures that candidates are evaluated by at least six senior or higher grades of members of SCSI. Candidates are evaluated on their technical qualifications and contributions to the society and other factors.

▼ The editor of one of America's most respected newspapers gave the fall commencement address at Baldwin Pavilion.

Richard J. Cattani, who has been editor of the *Christian Science Monitor* since 1988, spoke on "Career as an Odyssey." Cattani is a native of Detroit. His

continued on page 4

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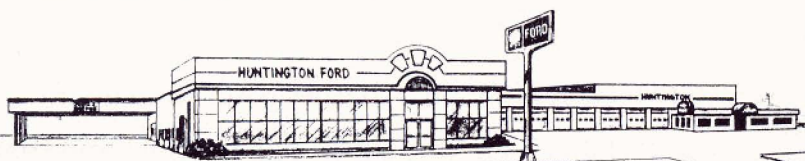
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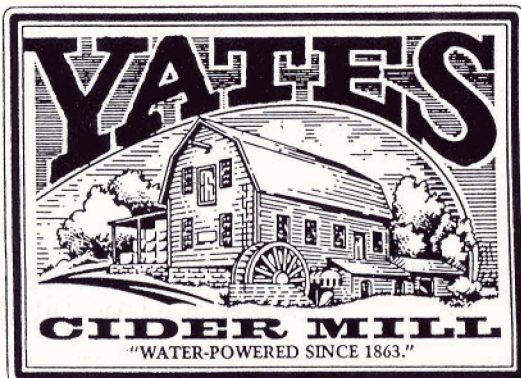
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BRIEFLY

experience in journalism is extensive. Before accepting his current post, he served as the *Monitor's* editorial page editor, where he expressed the paper's position on national and international issues. He has also served as the *Monitor's* White House correspondent, among other positions with the newspaper.

Cattani is also a director of the Roper Center at the University of Connecticut and is a former director of the Harvard Club of Eastern Michigan.

The editor holds a bachelor's degree from Harvard College, where he studied creative writing with Archibald MacLeish and John Hawkes. He received a master's degree in teaching from the Harvard Graduate School of Arts and Sciences and the Harvard Graduate School of Education. He also graduated from the North Carolina Business School's Executive Program.

▼ The university has instituted a campus-wide no-smoking policy in response to requests from students, faculty and staff.

Virtually all campus buildings are designated smoke-free. The policy eliminates smoking in all buildings, including hallways, unless an area is specifically exempted by the president. Smoking is allowed in private rooms within residence halls and married-student apartments, and rooms used for housing at Meadow Brook Hall.

In Memoriam

▼ One of the university's strongest supporters, Marvin L. Katke, died August 26 after a long illness.

Mr. Katke, whose donation was instrumental in developing the Katke-Cousins Golf Course on campus, was a retired vice president of Ford Motor Co. His involvement in Oakland started in 1962, and he became a trustee of the Oakland University Foundation in 1965. He was a lifetime member of the President's Club.

Mr. Katke served as Oakland's first chairperson of the Board of Trustees when the university gained independence from Michigan State University in 1970. He served as president of the Oakland University Foundation from 1984-88, and continued as a director until his death.

Mr. Katke is survived by his wife, Maisie, and two sons.

Campus Offices Make Moves

A commitment by the university administration to place students first is paying off with streamlined services.

This summer the university began a multistep process to convert North Foundation Hall into a student service complex. The first phases of the moves include moving the Office of Admissions and Scholarships, the Orientation Office, the Academic Skills Center, the dean of students and the vice president for student affairs into North Foundation.

To make room for them, the Office of the President and several other administrative offices have moved into Wilson Hall.

President Sandra Packard endorsed the concept, first proposed by Wilma Ray-Bledsoe, vice president for student affairs, as a means of providing "one-stop shopping" for students. The president noted that by concentrating student services in North Foundation and the adjacent Oakland Center, the administrative structure of the university will be less foreboding for students.

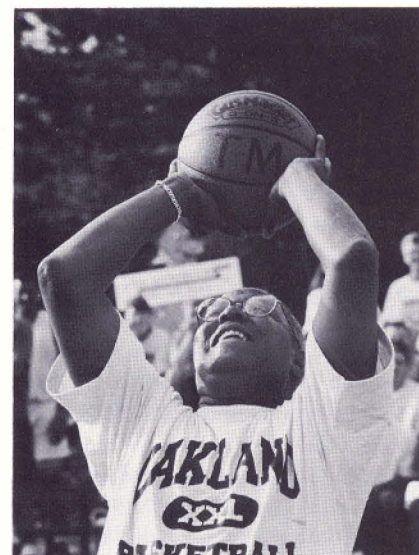
"Our goal is to minimize the need for students to go into different buildings for student services and to maximize student services through the collaboration that can occur between areas when they are in close proximity to

each other," President Packard said.

Once the new Science and Engineering Complex is finished, additional administrative offices will move out of North Foundation and more student services will move in.



A moving experience:
Sophomore Patricia Collingswood, a summer student assistant in the Office of Student Affairs, helps pack supplies to take to North Foundation Hall.



Two Points!

James Sharp, Jr., chairperson of the Oakland University Board of Trustees, gets the 1993 Gus Macker Basketball Tournament under way by shooting the first basket. The August event had a record number of entries.

Oakland Drops in Cost Ranking

Here's how Michigan's 15 public universities rank in total tuition and fee assessments for the 1993-94 academic year. Last year, Oakland was eighth.

1. University of Michigan, Ann Arbor
2. Michigan State University
3. Michigan Tech
4. U-M Dearborn
5. Wayne State University
6. Ferris State University
7. Lake Superior State
8. Western Michigan
9. **Oakland University**
10. U-M Flint
11. Central Michigan University
12. Saginaw Valley
13. Grand Valley
14. Eastern Michigan University
15. Northern Michigan University

Concours Establishes Record Attendance

Nearly 17,000 spectators roamed the grounds of Meadow Brook Hall in August to view vintage cars during the annual Concours d'Elegance.

Not only was it a good day, weatherwise, it was a good year for the cars — the classics of 1932 to be exact. Breaking with tradition, the 15th annual Concours d'Elegance honored a period rather than a single marque.

Automotive historians say 1932 produced the most beautiful cars ever made, and the period is often called "the last year of the classics."

More than 250 entrants from throughout North America displayed their autos at the concours, which is considered to be among



University Trustee David Fischer entered his 1957 Chevrolet Corvette convertible in the Concours d'Elegance sponsored by Meadow Brook Hall, and drove away a winner. President Sandra Packard, who presented prizes to all the winners, gave Fischer his Engineering

the top three classic car shows in the world. The Meadow Brook event is ranked with those in Palm Springs, California and Paris, France.

Fashion statements were made in clothing, as well. Somerset Collection in Troy, Michigan, presented three separate fashion

Excellence Trophy. Independent judges viewed hundreds of cars and made numerous awards.

shows of the latest designer ensembles matched with award-winning classic autos to recreate the atmosphere of the original French concours of the 1920s.

Other concours-related activities included the Invitational Automotive Art Show Preview, sponsored by *Elle* magazine. Fourteen automotive artists displayed their work.

Be the First on Your Block

Dust off your laptops and fax machines. We need your input. The OAKLAND UNIVERSITY MAGAZINE is planning a feature on "firsts" related to the university. Please send us a quick note about activities that you remember happening at Oakland for the first time. Examples might be: "Joanne Doe was the first female graduate of the School of Engineering in 1983," or "I was the first student to attend Oakland from California, from 1966-70" or "The 1980 men's swimming team was the first Oakland team to win a national championship."

Make sure you include as many facts as you can muster, along with your name, address and phone (and fax number, if available). Send to: OAKLAND UNIVERSITY MAGAZINE, 109 N. Foundation Hall Rochester, MI 48309-4401, (313) 370-3184 Fax (313) 370-4249.

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A Creepy, Crawly Competition

It's not every day you can set speed records by traveling 147 feet in 10 minutes.

But when you do, you have something to crow about. Just ask the University of Tulsa, which sped away with the grand prize in the Unmanned Ground Robotics Competition. The event, sponsored by the Association for Unmanned Vehicle Systems, was coordinated by Oakland's School of Engineering and Computer Science and held on campus. Alas, Oakland's own UGLY entry — that's Unguided Land Yacht — came in sixth of seven entries.

"It was a tremendous learning experience for the students," said Professor Ka C. Cheok, who helped organize the competition. It was the first AUVS event designed for unmanned ground vehicles ranging in size from toy cars to electric golf carts. Cheok says the association wants to interest more college and university engineering students in the field, which has immense potential in manufacturing, space exploration and military applications.

Curious spectators saw vehicles move along a marked path. The object was for the vehicles to find their way without human intervention, which meant guidance systems had to sense the lane markers and keep the vehicles on course. That was easier said than done.

Other participating universities were the University of Michigan, the University of Colorado-Denver, the University of Cincinnati, the University of North Dakota and Cleveland State University.

Observers from other universities, including the University of Helsinki and Massachusetts Institute of Technology, took notes. They plan to enter next year's event, scheduled for May 13-15.

Garden Show Popularity Grows



No matter whether they have a green thumb or are all thumbs, visitors have discovered the annual Meadow Brook Landscape & Garden Show is the place to be in June.

This year's event, the second annual, attracted thousands of gardeners of all age levels and abilities to hear speakers, see demonstrations and displays, and enjoy an outdoor marketplace.

The show, sponsored by the Metropolitan Detroit Landscape Association in conjunction with Meadow Brook Hall, was enlarged this year to include the grounds of both Meadow Brook Hall and Meadow

Brook Music Festival.

Twenty-eight permanent gardens and new feature gardens were highlighted. Area landscapers and garden centers created the permanent gardens especially for the Meadow Brook sites and donated their time and materials to the university.

New this year were a Railroad Garden by the Lakeshore Garden Railway Club, a Teddy Bear Tea Party at Knole Cottage, a Children's Maze Garden meant to "amuse and confuse," and a water garden with large bird topiaries, including one with a nine-foot wingspan.

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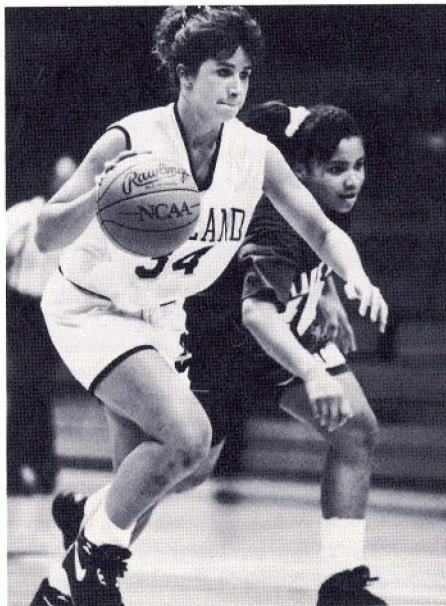
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Oakland Expands Women's Sports, New Coaches

▼ The Athletic Department has added women's golf and cross country and dropped men's tennis in a move to comply with federal Title IX guidelines and NCAA regulations regarding parity in athletic programs.

To help fund the new sports programs, all increased funds received by the department from such sources as the general fund allocation for operating expenses, student fees, presidential allocations and other sources, will be allocated in full to women's sports. The reduction in men's tennis means a reallocation of \$9,250 to the women's sports program.

▼ The department has also added two new coaches for 1993-94. Steve Lyon becomes head baseball coach and alumna Peggy Groen is the new Pioneer head volleyball coach.



The new women's golf and cross country teams will join a successful women's sports program that includes Coach Bob Taylor's basketball team, winner of 20 or more games six of the past seven seasons. Junior All-GLIAC guard/forward Kelly Krajniak returns this fall to try for another GLIAC title and spot in the NCAA tournament.

Lyon replaces Paul Chapoton, who resigned from coaching after serving six years. Lyon was Chapoton's assistant for the past five seasons.

Lyon previously was an assistant coach at Mott Community College and a graduate assistant at Ohio State University. He was also a high school coach for nine seasons in the Detroit area.

As Chapoton's assistant, Lyon was in charge of pitching. During the recently completed season, OU set a school record for lowest team earned-run average at 4.16, and was in the top 10 in the nation in NCAA Division II throughout most of the season.

Groen replaces Bob Hurdle, who resigned after 11 seasons to become athletic director at Bloomfield Hills Andover High School.

Groen was a three-year starter at Oakland from 1980 to 1983, but missed her senior season due to a back injury. She graduated in 1985 with a bachelor's degree in human resource development, specializing in early childhood education.

▼ This year was significant in Oakland sports history for another reason; the best-ever finish in the President's Cup competition.

The President's Cup is presented annually by the Great Lakes Intercollegiate Athletic Conference. It symbolizes excellence in all sports and is designed to promote well-rounded athletic programs within each member institution.

Oakland finished in second place for 1992-93. Previously, the university's best result was third, achieved in the 1990-91, 1988-89 and 1977-78 seasons. The university sponsored 10 league sports in 1992-93, while front-runner Ferris State had 15 to capture the cup for the 13th straight year. Oakland won league championships in both men's and women's swimming.



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Campus Takes a Brighter Approach

Improvements to the campus environment this fall include additional Brightway paths and six emergency phones connected to the Department of Public Safety and Police, plus new directional signs.

The Brightway of high-intensity lights along pedestrian paths is being expanded with new lighting from the Oakland Center to Varner Hall, Vandenberg Hall to Fitzgerald House, and the Oakland Center to Fitzgerald.

The emergency phones are installed in strategic campus locations. Each phone is highly visible, with a blue light on top to mark its location. Persons in need of assistance will push a button within the callbox and the emergency call will be automatically answered by a DPS dispatcher. The blue light atop the phone will blink to alert anyone nearby that assistance is needed.

Another recent addition to campus security is a bike patrol. Three mountain bikes are used to patrol parking lots, pathways and areas where officers in patrol cars cannot easily reach.

Officers' bikes are radio- and light-equipped and will be used on patrol whenever shift assignments allow. Nighttime patrols will run until midnight.

Sign improvements include directional, street name, building name and parking lot names. The new signs replace an assortment of sign styles that have been added to the campus over the years. The uniform look is intended not only to enhance the appearance of the campus, but to make it easier for visitors to quickly read and interpret information.

Additional changes to come include main entrance signs along Squirrel Road (once construction is completed) and information centers for visitors to use in finding their way around campus.



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Oakland University Presents The 1993-94 Student Life Lecture Series

December 2, 1993

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January 20, 1993

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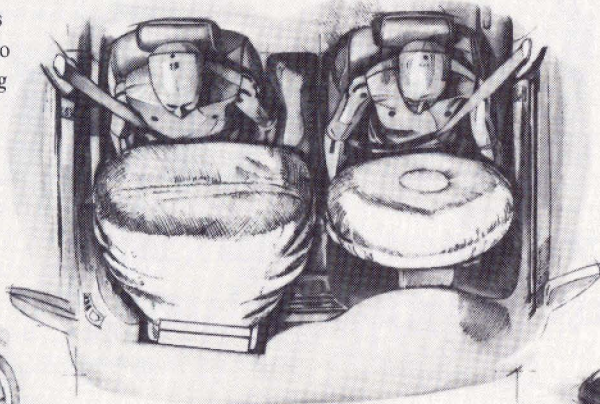
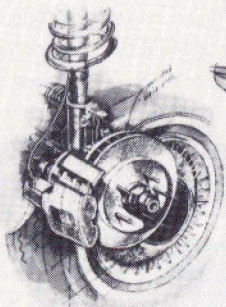


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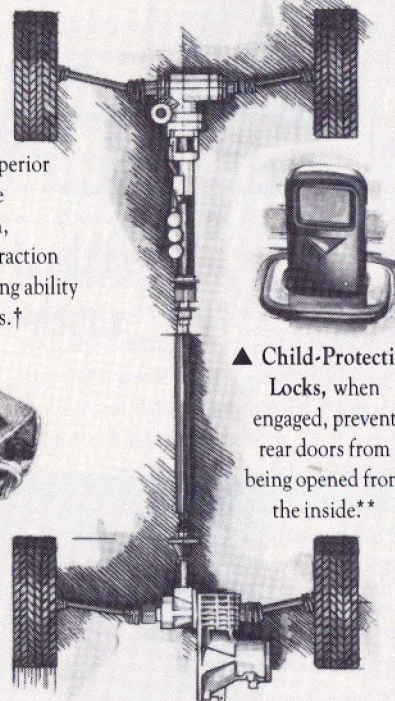
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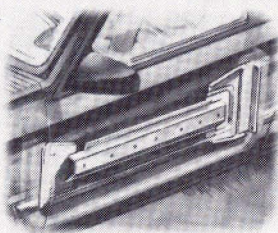
▲ **Driver-Side and Passenger-Side Air Bags**
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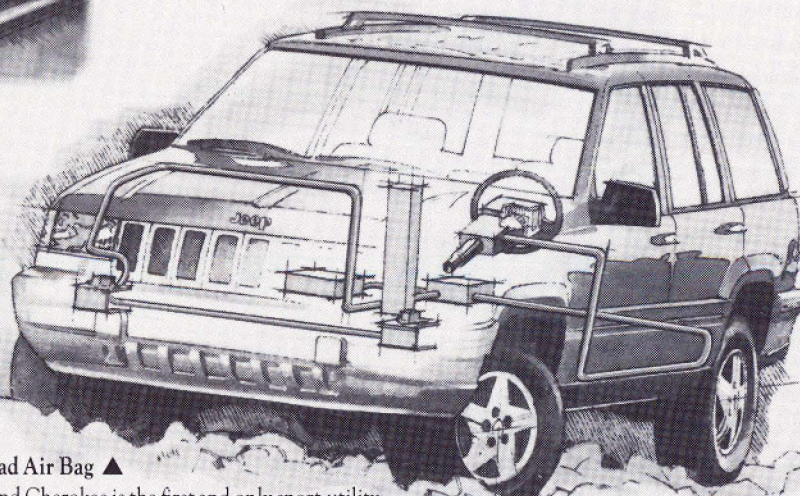
Remote Keyless Entry ▲ A touch of the button unlocks the door or trunk, disarms the theft alarm and turns on the lights inside the car.†



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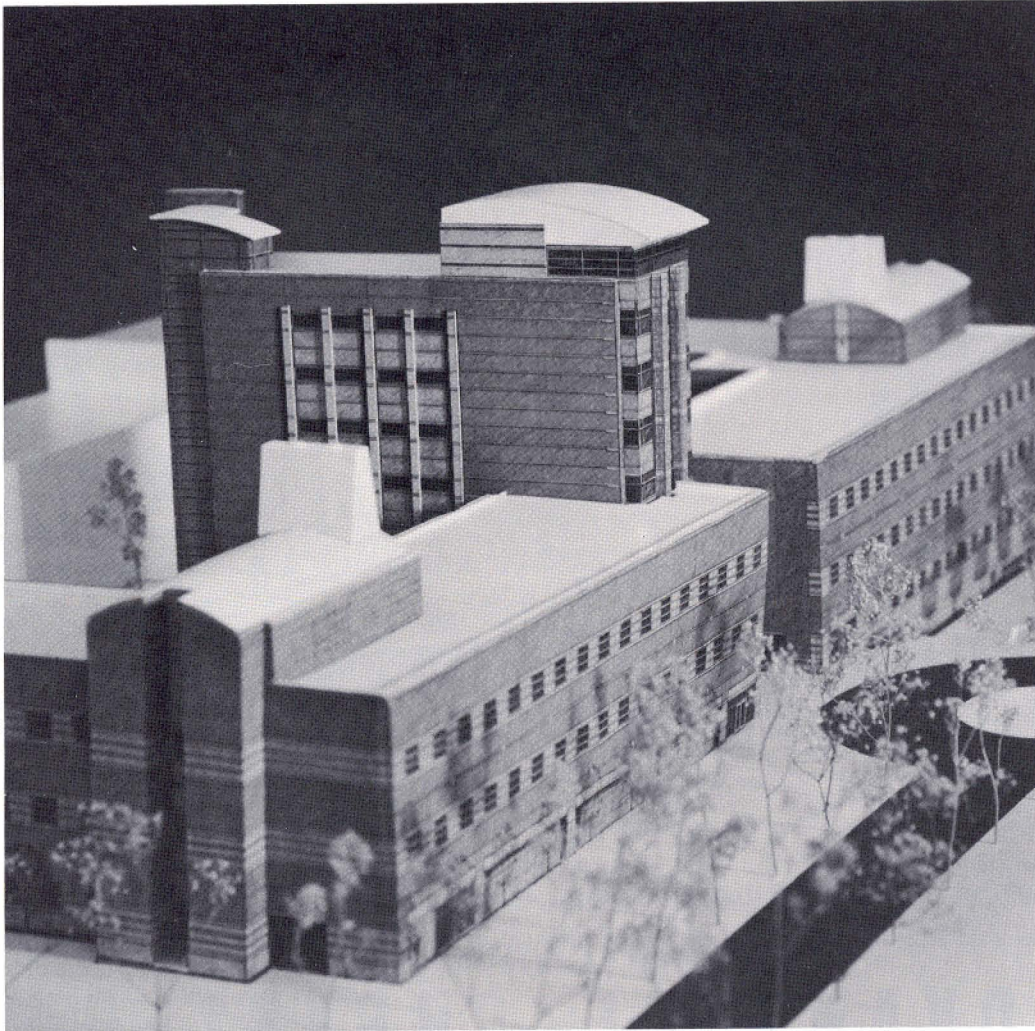
*Excludes Viper and models built for Chrysler: Imports, Premier, Monaco, Summit, Laser and Talon. Driver's minivan air bag fully effective only when used with seat belt.

**Not available on all vehicles. Child protection lock activation switch located on rear-door facing. †Available option, select models.

Breaking New Ground

Oakland's Science and Engineering Complex adds
much-needed classroom and laboratory space.

by Jay Jackson



IT'S BEEN A LONG WAIT, but by all accounts, one that was well worth it.

And that was just the planning stage.

Now Oakland University prepares for the part it has anxiously sought: actual construction of a new science and engineering complex. Governor John Engler and the state legislature appropriated the necessary \$39 million funding in recognition of Oakland's growth and stature.

Once the dust settles and the last electricians and painters leave, probably in 1996, the university will have a facility ready to serve students, support staff and faculty in biological sciences, chemistry, mathematical sciences, physics and the School of Engineering and Computer Science.

The October 1 ground breaking is a milestone event in the history of the university by any measure. The last academic building to rise on campus — O'Dowd Hall — was completed 13 years ago.

"We want to extend our thanks to the state legislature and to Governor Engler," President Sandra Packard commented. The governor, legislators and other dignitaries will be among the guests at the public ground breaking.

Once erected, the science and engineering building will actually make up one aspect of a science complex. The as-yet unnamed buildings will adjoin Dodge Hall of Engineering and Hannah Hall of Science and be connected by walkways. In addition, a free-standing animal care facility will be added for the Department of Biological Sciences.

Why a new science and engineering complex? The answer is that Oakland has outgrown its classroom, research and laboratory space, to the point of being critically short. "This new facility will enable us to better serve our students and the state in science, engineering and math — areas critical to the strength of the Michigan economy," Packard said.

The new buildings will be connected to Hannah Hall (built in 1961) and Dodge Hall (1968). As they appear in architect's renderings, the brick buildings will consist of two wings of three floors each and a central tower with seven floors. The tower roof will be used for special engineering projects.

With 186,465 new gross square feet, the

"Oakland will become more highly recognized because of the increased activity that we'll see in research."

science and engineering buildings will free up space in Hannah Hall for renovation and use by the School of Health Sciences. Part of the state funding will be used for that purpose. The School of Health Sciences is now housed in Vandenberg Hall, a residence hall.

George Dahlgren, associate vice president for academic affairs and dean of graduate study, pointed to students as immediate beneficiaries of the new complex.

"You're going to see the addition of new classes in experimental science, which we have not been able to add in the past because of space limitations. We'll also be able to look at additional instructional laboratories at the freshman through senior levels, and on into the graduate level," Dahlgren said.

"These instructional labs will be in biology, chemistry and physics, and in mathematics with the computer laboratories. There will be a significant increase in research space for undergraduates, graduate students, and faculty."

Dahlgren noted that space will be freed up

for post-doctoral students to study and work with faculty.

"They will become a more important part of our future as we look to training individuals who already have completed their doctorate and want additional specific experience in areas that our faculty are experts in," he explained. "We expect to see a major increase, from having 10 to 15 post-doctoral fellows a year to something more like 30 to 35."

These "post-docs" receive a stipend from grant and contract funds. Dahlgren added that stipends are far below what could be considered market value salaries for people with such education and experience. The fact that these professionals are willing to return to the classroom indicates their eagerness to learn the latest information. That in itself is a plus for undergraduates and graduate students, who benefit from having the post-docs on campus. "Those individuals serve as role models," Dahlgren said.

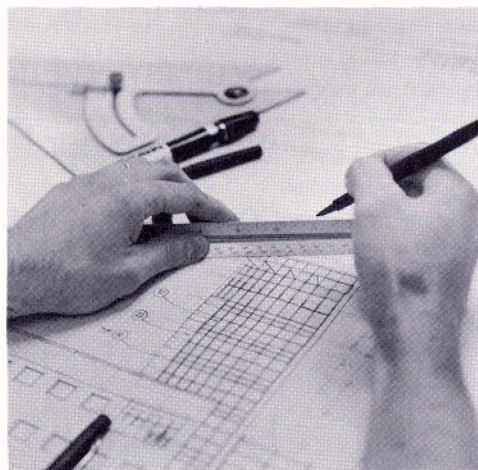
Dahlgren envisioned another benefit for the university.

"I think the complex will make Oakland very attractive for recruiting faculty in the sciences, mathematics and engineering. The buildings will definitely help us by giving us modern facilities and laboratories, complete with the latest technology," Dahlgren said.

Dahlgren added that making faculty better-equipped to produce top-notch research will further enhance Oakland's chances at getting external funding.

"Oakland will become more highly recognized because of the increased activity that we'll see in research. We'll certainly be looking at additional grants and contracts."

With construction of the science and engineering buildings, Oakland's mission to provide community service comes full circle. The state is investing in Oakland students, and they, in turn, will have a lasting effect on Michigan's economic future. ■



Bare-Bones Data

AT 3 O'CLOCK on a bitter-cold January morning in the not-too-distant future, some doctor will have an Oakland University professor she's never met to thank for keeping her snug indoors.

Instead of trudging into the cold and heading for the hospital to look at some emergency X-rays, the doctor will sit in her bathrobe at her home computer and analyze the images.

Once she's made her diagnosis, she'll go back to sleep, perhaps never knowing it was Oakland's Manohar Das who helped make her life easier that morning.

If an Oakland professor has his way, loss-less compression of data could make transmitting X-rays as easy as a phone call.

Das, an associate professor of engineering and computer science, is an expert at squeezing the most information into the least amount of space through data compression.

In medical applications, the benefits go far beyond convenience to individuals — they may mean the ability to transfer life-saving information from one hospital to another within minutes. The hospitals could be across town, across the nation or across an ocean.

Das is among a cadre of researchers in a field whose potential is just being realized.

"There are a lot of applications where we have to transmit images, like X-rays, or store them in a compact fashion," Das says. His work is primarily in fine tuning the algorithms that instruct computers how to compress the data.

Individuals familiar with home computers know that for less than \$100 you can buy data compression software. The software takes a relatively large data file and "shrinks" it to save storage space. What Das does is similar in concept, but far more advanced in application.

For the medical field in particular, for which Das is perfecting loss-less compression and transmission, the benefits will be substantial. A radiologist may take an X-ray, use a high-resolution scanner to transform the image into digital form on a computer, compress the data, and then transmit it over ordinary phone lines to another computer equipped with a high-resolution monitor. Compressing the data makes it possible to transmit an image faster and less expensively, because the size of the data file is many times smaller.

One of Das' goals is to make it possible for persons in the medical field to use personal computers with high-resolution monitors to view the data. Such an advance would mean a dramatic drop in costs. Today, the procedure — dubbed telemedicine — is possible with physicians transferring images across the country and even around the world. But to relay huge data files and capture the image quality required by radiologists, hospitals need to budget

approximately \$500,000 for transmission and equipment costs.

This high cost puts telemedicine advances out of the reach of many smaller hospitals and clinics, and certainly most private physicians. "Our goal is to bring that cost down by a factor of 20 to 25. It can be done. In the laboratory the process does work," Das says, confidently.

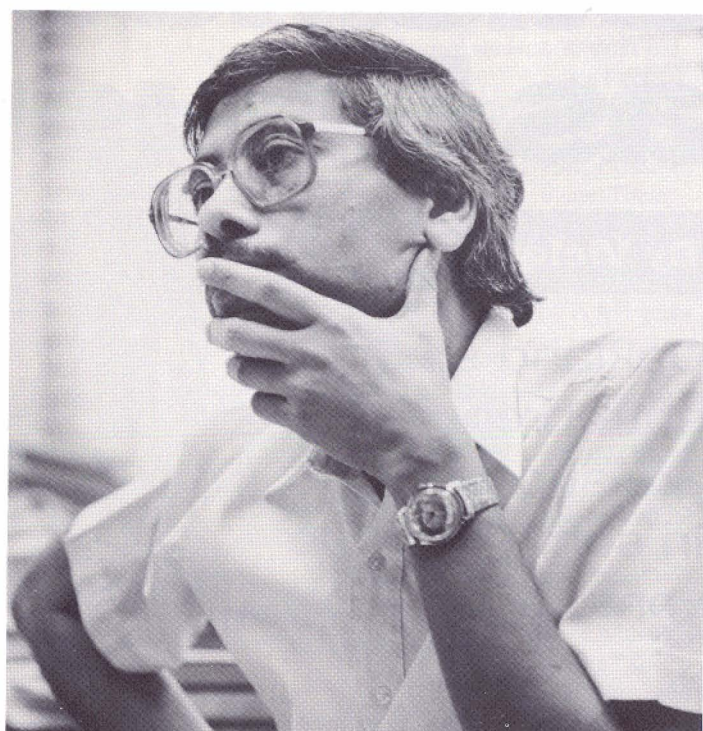
This is the point where Das enters the picture. Although data compression is not a new technique, assuring virtually 100 percent image quality upon decompression after it has been transmitted has been elusive. Images that are compressed and transmitted now lose some detail. An example is ordinary video transmission. To the naked eye, the slight loss in quality is nearly imperceptible as you watch television or view speakers participating in a teleconference.

However, in medicine, unless a transmitted image is equal to the original, radiologists and physicians will be reluctant to rely on it to make a medical judgment.

A radiologist or physician would be understandably wary of making a judgment if it were unclear whether a blemish on the screen was, say, a hairline fracture, or just some fuzziness from the transmission.

"In medicine, we cannot tolerate any loss of data quality because no radiologist would rely on the transmitted data," Das adds.

A significant side benefit of loss-less compression is that compressed data files can be stored at hospitals in a much more convenient form than film negatives, which require considerable space. Most X-rays must be kept for a minimum of three years, and in some cases, federal law requires that they be kept for 30 years. By storing images



Associate professor Manohar Das: "In medicine, we cannot tolerate any loss of data quality because no radiologist would rely on the transmitted data."

on high-capacity computer disks, future retrieval would be much faster, too.

"In about 10 years, telemedicine will be the norm of the day in hospitals," Das predicts. He adds that within five to 10 years, low-cost systems should be available for physicians to purchase for their homes and offices.

The professor's work was supported by the Research Excellence Fund provided by the state, and he is seeking additional funding from the National Science Foundation.

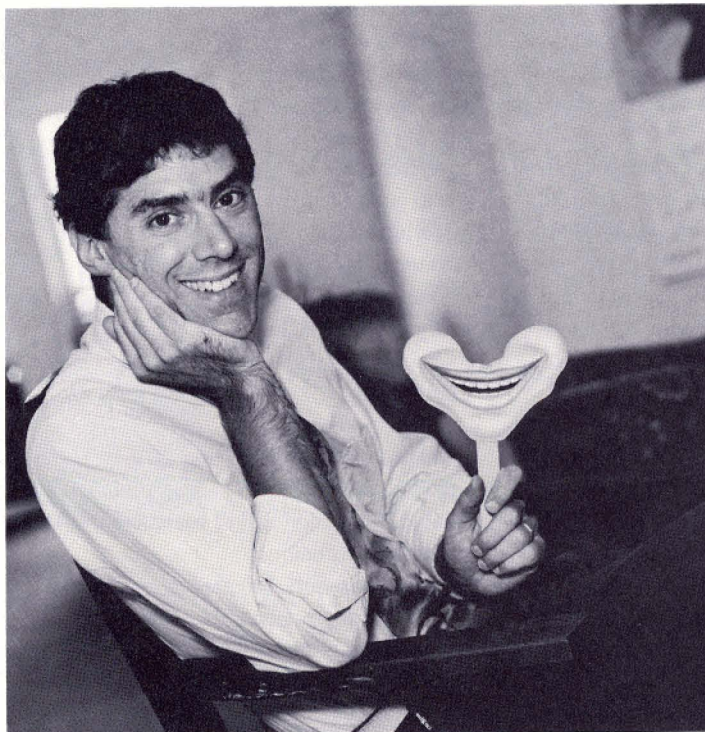
Further testing with the cooperation of such institutions as Henry Ford Hospital in Detroit will enable Das to refine the loss-less compression technique that will make life easier for you — and your doctor. ■

Editor's Note: Das will move his data-compression research into the new Science and Engineering complex. See related story, page 12.

Business as Unusual

By Vicky Billington

Oakland's alumni entrepreneurs are succeeding in some creative ventures.



Ted Braude: *Laughing*

Grin and Bear It

Ted Braude takes his humor seriously. Yes, he's funny. No, he's not a comedian. Ted Braude is a humor consultant.

In his work as a practicing psychologist, Braude stresses the positive power of humor as a way to enhance productivity, manage change, communicate more effectively, solve problems and improve health.

"Laughter is nature's antidote to stress," says Braude ('74), from his office in Royal Oak, where you are more likely to find a red clown nose setting on a coffee table than the ubiquitous box of Kleenex some psychologists keep handy for patients.

In special seminars that he tailors to audiences ranging from business executives to educators, Braude describes humor as a tool that can be used in four different "directions" in order to reduce stress.

"Simply by smiling, stress can be reduced in a *physical* direction.

"Humor can also relieve stress by changing your *perceptual* direction, by

thinking about something in a different way. If you're in a boring meeting, use your perception to change your view of the meeting.

"If you get up in the morning and it's a rainy day and you think 'what a miserable day,' you can *shift your attitude* and instead think of it as a beautiful summer shower. And if you fall into the trap of thinking 'why

does everything always happen to me?' you can shift your thinking around. Maybe you didn't get a promotion, but at least you're not living in Sarajevo.

"You can change the plot, the scenery or whatever in a stressful situation by *imagining* things the way you want them to be. We sometimes look back at the end of a bad day and say, 'oh if only I'd done this differently or that differently.' When we do that we are getting the same stress as when it happened, in effect, we recreate the

stress," he cautions. "But if you use your creativity and imagination, you can recreate the kind of day you wished you'd had."

Braude, married and the father of two, took a roundabout way to his current profession. After he graduated from Oakland in 1974 with a B.A. in history and a teaching certificate, he taught school and took on a number of other jobs — from carpentry and cement work to freelance writing and playing music professionally.

Through friends, he became interested in psychology and enrolled at the Merrill-Palmer Institute, where he got a master's degree in humanistic and clinical psychology in 1981. He worked for a crisis intervention center while he built up his private practice.

None of that is very funny, he realizes. But from the looks of him, he's not stressed out, either. Maybe he's laughing on the inside.

"Everyone has her or his own style of humor, creativity and imagination. We are all biologically programmed to laugh. You see babies laugh when no one has told them a joke. Do whatever works for you. No one else will know about it because it's in your mind." ■

Caring for Mom & Dad

Role reversals are never easy, especially that of parent and child. Yet after years of your parents taking care of you, there may come a time when you need to care for them.

"Americans are living longer, but not necessarily healthier and functioning independently," says **Patricia Heftler**, a specialist in geriatric care. "When adult children start parenting their parents, it's a big adjustment for everyone. And they do so because they have no choice. Most would never want to reverse roles, because it means that a parent is losing some strength and independence."

Heftler, a certified social worker and gerontology case manager, is president of Elder Care Options in Sterling Heights, a business she started two years ago to provide needs assessment, resources and counseling for the elderly.

Most of her clients are adult children who live out of town, separated from a mother or father, and need someone to help look after the care and well-being of a parent.

"I obviously don't replace family," says Heftler, "but I can act as an advocate for their parents' needs."

Drawing on her 14 years of experience as a social worker in multiple medical settings, once Heftler meets with a prospective client, she makes a personal in-home

assessment of the aging senior.

Heftler looks for signs of impaired memory and physical restrictions, whether a patient can provide her or his own meals, if prescribed medications are properly taken and if doctor's visits are made.

"I take these all into consideration before I recommend a plan of care for that person," she says.

A personalized plan may include health management services such as delivered meals; housekeeping, shopping and transportation assistance; a telephone alert and reassurance system; and live-in help.

"I believe in letting people keep as much dignity and control of their lives as they can, as long as they are safe," says Heftler. "I always try to keep people where they want to stay. I'm a strong advocate of independent and assisted living, and recommend nursing

homes only as a last resort."

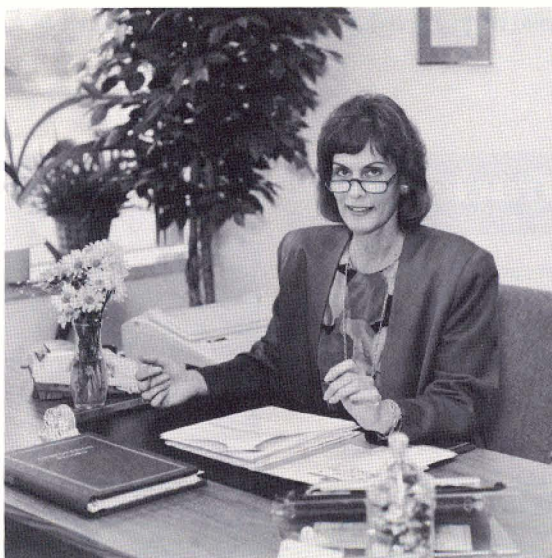
Heftler transferred to Oakland as a senior from a Boston college and finished her bachelor's degree in psychology in 1977. "I was a non-traditional student; 30 years old

when I got my B.A. I liked the fact that at Oakland, I wasn't alone. There was a diverse group of students."

A few years later she earned a master's degree in social work from Western Michigan University. She worked for several local hospitals. "I didn't set out to work with older people," she says, "but I fell

in love with the field of gerontology.

"I try to be as positive as I can in my work and make options as positive as possible. Sometimes if you act on a small problem now — like offering assistance with meals or shopping — it can help down the road by avoiding the need for life-altering changes." ■



Patricia Heftler: *Caring*

The Whole Truth

People are always swearing in front of **Bruce Fealk**. They swear to tell the truth, the whole truth and nothing but.

Through his Southfield-based company called Hi-Tech Reporting Services, Fealk deals in the business of providing word-for-word transcripts of sworn testimony given by people involved in legal disputes and civil suits ranging from car accidents to corporate product liability cases.

The actual transcripts of testimony given under oath can add miles to the long paper trail of a trial, especially when a single deposition can last for hours, even days.

That's where Fealk's company aims to edge out the competition. Hi-Tech Reporting Services was the first court reporting agency in Michigan to introduce transcripts on computer disk with a software system that allows his clients to



Bruce Fealk: *Reporting*

quickly search through and retrieve key passages of testimony.

"Even with videotaped depositions, lawyers still need a paper copy of a deposition," says Fealk, "but we can go a step further and provide our clients with transcript diskettes for their office

computers. It can be quite a convenience."

Fealk says his company can also reformulate computer files so that a 200-page transcript can be condensed to a mere 20 pages or so.

The nine-year-old company also offers videotaped deposition services and a new "multimedia" service in which a videotape of a person giving testimony can be displayed on a computer or television screen alongside the text of the transcript.

In taking depositions, his court reporters use a stenotype machine and type in stenographer's shorthand symbols. The machine prints out a paper tape of the transcript that looks very much like a long grocery store receipt. The tape is then translated by computer into English, eliminating the time-consuming steps of dictating notes into a dictating machine and then typing up the notes, as some court reporters still do.

Though Fealk is a state certified court reporter and still does a lot of reporting himself — he's been nationally certified at

reporting 260 words per minute — he spends most of his time managing the business and marketing its services. He has a staff of seven reporters and two office support personnel.

When Fealk enrolled at Oakland in 1971, he intended to get a solid background in bi-

ology in preparation for optometry school.

He got his B.A. in 1975, a year after he married Margaret ('73), at the Oakland Center, whom he met in a chemistry lab. (It was a small wedding, he says, and being of different faiths, they needed a neutral ceremonial ground.) Margaret is now a medical

technologist for Crittenton Hospital and they have two daughters.

A cousin in court reporting school introduced Fealk to the trade and he decided to enroll in a Detroit court reporting school. "I realized I was good at it," he says. ■

Making Tracks

Whatever your fast car fantasy may be, **Kevin Mark** is, well, racing to fulfill it.

Mark ('82), is owner and president of Miniature Motorways, a high-tech, high-speed slot car raceway that offers the thrill of driving a high performance car without all the risky trappings. He peddles his portable track as entertainment for corporate and private parties, business promotions and special events.

Mark decided to turn his boyhood hobby into a full-time business two years ago when he was laid off from his job as a corporate pension plan administrator.

"Crunching numbers really wasn't something I was into anyway," says the 34-year-old father of two. "It was a job and I made money at it, but I didn't look forward to going to work every day. This is the first time in my life that I'm totally enjoying what I'm doing."

Billed as the "fastest track in the Midwest," Miniature Motorways features a portable, battery-powered track on which six individually controlled cars race at a time.

And what cars! Mark has accumulated 1,500 HO-scale cars over the last 20 years, trading with collectors from around the world. He uses a selection of 300 NASCAR and Formula One models for his raceway, and his favorite is a modified yellow 1932 Ford "hi-boy" coupe.

All of the cars have been modified and rebuilt by Mark, right down to their gear ratios. They can go 700 to 1,000 scale-miles-per-hour — less than two seconds per lap on the 23-foot figure-eight track. (The record is 98 laps in three minutes.)

Sophisticated lap counters and timers allow participants the thrill of a three- or five-minute race, complete with spinouts, crashes and lap-by-lap commentary by Mark, who doubles as race marshall and pit crew during the races.

Mark earned a B.A. in political science at Oakland in 1982 and went on to Wayne State for a master's in public administration. He met his wife, Susan ('83), a physical therapist at William Beaumont Hospital,



Kevin Mark: Racing

while he was a resident assistant for Oakland's Hill House. Their home in Livonia is also his office.

"Most racing events are in the evenings, so I can watch our kids during the day, says Mark. "I like the lifestyle and the flexibility of having my own business."

Though he has experienced the struggles

of trying to get a new business off the ground, Mark believes Miniature Motorways will really make tracks in the entertainment industry. He's dreaming of possible franchises for the future.

"Now I'm creating my own market," says Mark. "And let me tell you, it's been a very educational and scary experience." ■

Intelligent vehicles: from science fiction to fact.

TODAY, THERE'S A *new generation of cars and trucks* THAT NOT LONG AGO WERE SOMETHING OUT OF A JULES VERNE DAYDREAM. IN THE FIELD OF SAFETY, FOR INSTANCE, ANTI-LOCK BRAKES, TRACTION CONTROL AND AIRBAG SUPPLEMENTAL RESTRAINT SYSTEMS ARE TODAY COMMONPLACE. INTELLIGENT VEHICLE HIGHWAY SYSTEMS OR IVHS, SOON MAY BE.

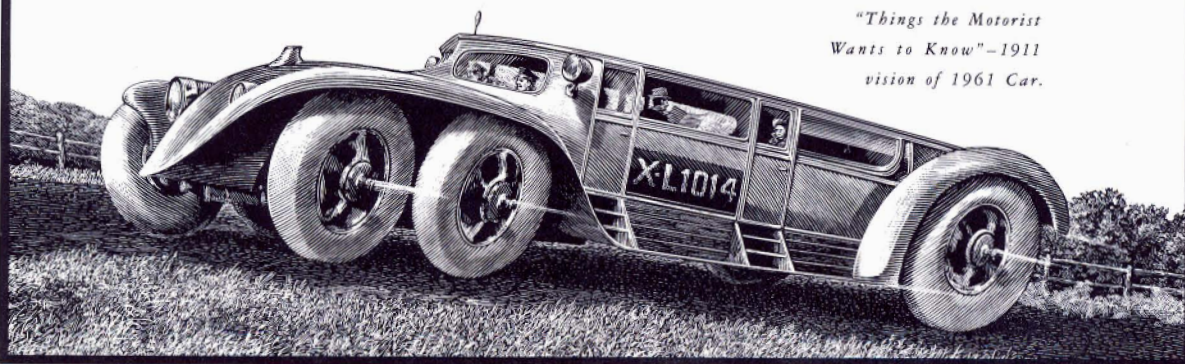
FORD IS ACTIVELY INVOLVED IN IVHS TECHNOLOGY DEVELOPMENT AND IS CURRENTLY EXPERIMENTING WITH SYSTEMS THAT CAN HELP GUIDE VEHICLES ALONG SPECIALLY EQUIPPED HIGHWAYS, MAINTAIN ADEQUATE FOLLOWING DISTANCES AND *detect obstacles through fog, snow or darkness.*

FORD IS ALSO PRESENTLY INVOLVED IN THE LARGEST FIELD OPERATIONAL TEST OF *IVHS technology* IN THE WORLD. BENEFITS FROM THIS STUDY WILL LEAD TO IMPROVED SAFETY, SHORTER TRAVEL TIMES, A CLEANER ENVIRONMENT – CARS AND TRUCKS DESIGNED TO MEET PEOPLE'S NEEDS FOR THE FUTURE.

Jules Verne would be amazed.



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*"Things the Motorist
Wants to Know" - 1911
vision of 1961 Car.*

Artscape

by Jay Jackson

Outdoor sculptures add beauty to Oakland's campus

KIICHI USUI IS CURATOR of one of the largest art galleries around — literally.

Stand virtually anywhere on the Oakland University campus, and there's the gallery, around you.

Although he's well known for developing the Meadow Brook Art Gallery inside Wilson Hall, Usui's reputation for being a driving force behind the outdoor sculptures on campus may be lesser known.

The modern art sculptures, some of which are the size of small buildings (one is 24-feet tall and 42-feet wide), resulted from efforts by Usui and gallery supporters to turn the 1,444-acre campus into an outdoor treasure trove. Their efforts have paid off with 10 modern art pieces. The campus also is home to two other outdoor sculptures of a more traditional style.

The impetus for the ongoing project was Louis G. Redstone, a noted Detroit architect, who in 1980 suggested that Oakland sponsor the Meadow Brook Invitational Outdoor Sculpture Competition. Six sculptors were eventually chosen for their originality and dramatic viewpoints, and their pieces were placed on campus in 1981. Since then, private donors have contributed additional pieces to the university. Two more were added this year.

"The sculptures not only give an accent to the landscape, they also give the general public something

to think about; to think about what contemporary public sculptures are. I think that it is very important to let people know — in contemporary sculpture — what artists do in their work," Usui says.

"Without the sculptures, the campus would still be beautiful, but certainly those sculptures make a visual statement."

It's not uncommon to see motorists pull off the road and walk up to signs that describe each work. Then they walk around and study the sculptures from all angles, from near and far. Some may dislike them; others may love them. To Usui, that is what art should do — draw a reaction.

"The artists chose the locations for their works," Usui says. The placement of each piece depended in part on its size, with the larger sculptures often in meadows where they can be observed from a distance. Smaller ones can be found near classroom buildings. "To me, that means the art fits just right; it's comfortable," Usui says.

All of the sculptures have been donated to the university. During the year when the competition was held, Usui says, community enthusiasm and support for the artists was evident. "All pieces were created by donation of materials and services to the artists," he says. "Many companies were willing to provide material and technical assistance."

Also lending support were the National Endowment for the Arts, the Michigan Council for the Arts and the Institute of Museum Studies.

What impresses Usui about the sculptures is that they bring an element of the 1980s and 1990s to campus. And two of Oakland's sculptures, *Saints and Sinners* in front of Kresge Library by Marshall M. Fredericks



Kiichi Usui

Photos by Rick Smith

Sunset Cube by David Barr

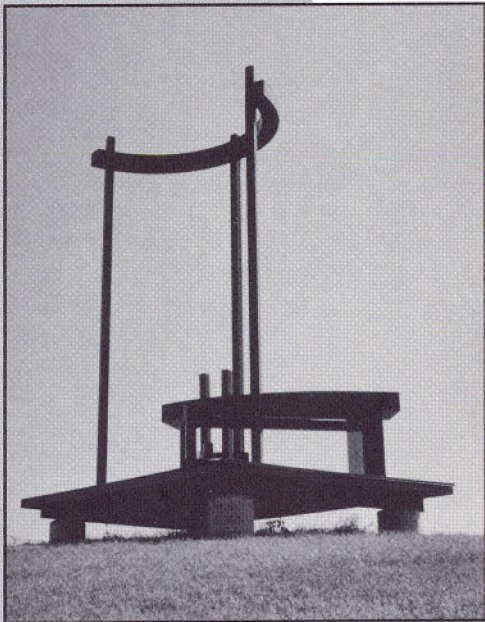
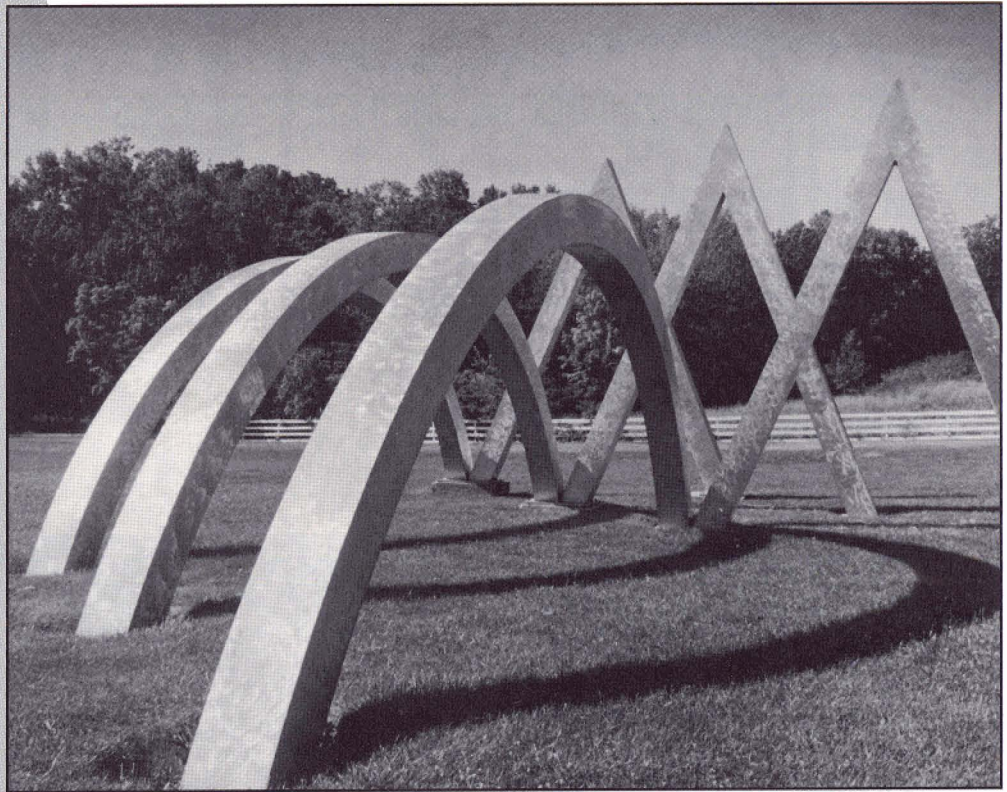
"His idea was that from a distance, the pieces would form a gigantic cube. It's sliced very sharply at the top, and that's to indicate it's growing out of the earth."

— Commentary by Kiichi Usui



Rhythms and Vibrations
by Hanna Stiebel

"She was a dancer originally. She tried to capture the sense of rhythm."



Telegraph Exchange
by John Piet

and *Pegasus* by Avarð Fairbanks at Meadow Brook Hall, represent the classical approach that predate the university.

While the cultural value of the sculptures to the university is immense, there is also a dollar value. Usui estimates that if someone wanted to buy all the outdoor art — sorry, it's not for sale — the bidding would start in the hundreds of thousands of dollars.

Of the original six sculptors, Usui says Tom Bills probably has the most widespread reputation among art devotees. And he doesn't say that because Bills ('74) is an Oakland alumnus, either.

Now represented by several galleries and working from a New York studio, Bills continues to produce intriguing pieces. His untitled work at Oakland consists of concrete cubes on the lawn of Sunset Terrace, the university president's residence.

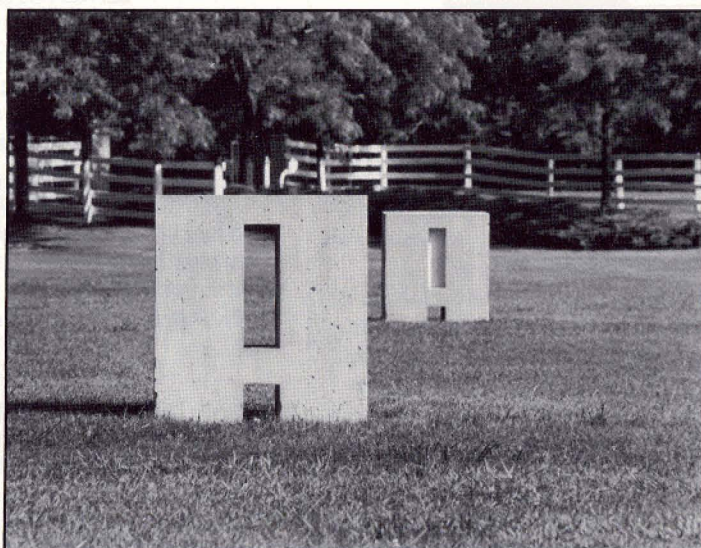
Usui tells a story about a European collector who visited Bills' studio. He looked over 24 pieces and made his purchase — all of them.

"He is recognized as the next generation of American sculptor," Usui says. Usui knew Bills well from the sculptor's Oakland days. Bills was a student assistant in the gallery for three years.

"While he was working with me he started as a sculptor, then he went on to Yale University and got his Master of Fine Arts degree. Since then he has had shows in New York and Europe."

In Michigan alone, Usui adds, sculptor David Barr is best known among those who have pieces on campus. He created *Sunset Cube*, a series of yellow steel columns, also near Sunset Terrace, and *Structurist No. 11*, one of the two most recent additions that has been placed adjacent to North Foundation Hall.

Usui acknowledges that some people make fun of the sculptures, but he adds that proves that successful art draws opinions, both good and bad. In other words, sometimes it's better to be snickered at than ignored. ■



Untitled Cubes

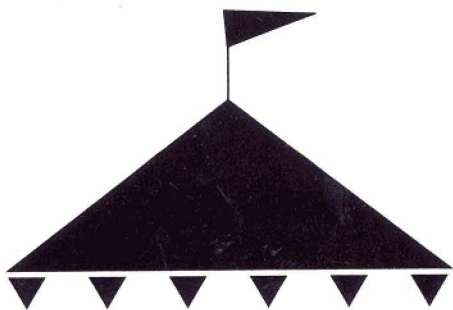
by Tom Bills

"This is an example of minimalism, or the maximum reduction process of modern art."



Structurist No. 11

by David Barr is one of two sculptures added in 1993. The other, an untitled work donated by sculptor David Scott, stands near Barr's sculpture.



Motown Great to Headline at Homecoming

Weather forecasters are predicting a major "Heat Wave" on campus the second weekend in October. That's when Motown's own Martha Reeves and the Vandellas will perform live in the Oakland Center to close three days of Homecoming activities.

Many activities will take place "under the big top," a large yellow tent located next to Beer Lake between Wilson Hall and the Oakland Center.

Homecoming co-chairpersons Jean Ann Miller ('77) of Rochester Hills and Susan Evans ('88) of Royal Oak note that the weekend's highlights will include a celebration of the 110th birthday of OU's founder, Matilda Dodge Wilson. The OUAA will present the Distinguished Alumni Service Award and recognize the contributions of many alumni volunteers during the celebration.

In addition, there will be serious business going on, with a Career Information Day sponsored by the alumni affiliates of the Schools of Business Administration and Engineering and Computer Science.

Sports enthusiasts will have plenty to do, either as spectators or as participants: there will be a "Mini Macker" three-on-three basketball tournament; the Katke-Cousins Golf Course will offer special alumni rates and tee times (Friday only); and student swimmers and divers will exhibit their championship prowess on Friday and compete with alumni swimmers on Saturday in the eighth year of this meet. Saturday also features two soccer matches — you bring the picnic, we'll provide the tailgate party!

Culture vultures need not despair. Meadow Brook Theatre will honor OUAA discounts for both Friday and Saturday's performances of its comic season opener, *The Foreigner*. Friday evening, the Student Program Board presents the hit film *Dave*. And the Big Top will be the scene for live music, funk to country, from 4 p.m. to 1 a.m.

Saturday offers campus tours and academic open houses in the morning. Take ad-

vantage of a rare opportunity and tour Matilda Dodge Wilson's historic home, Meadow Brook Hall, for free.

Relive the culinary adventure of "Dinner in the Dorm" on both Friday and Saturday. The Vandenberg Dining Center features all you can eat for \$5 per person.

A comfortable, convenient place to rest between events awaits you at Hilton Suites of Auburn Hills. Its luxurious accommodations will be available at a special Homecoming Weekend price.

Celebrate with us "Under the Big Top" in October! For more information, call Alumni Relations office (313) 370-2158.

Two Holes-in-One Scored at Outing

After 17 years, it was bound to happen. Two golfers made holes-in-one at this year's OUAA Golf Outing at the Katke-Cousins Golf Course.

First to score was long-time Outing player Darrel Datte ('77) of Lake Orion who made his shot on Hole 17. Less than two hours later, Don Nelson, guest of alumnus Randy Wirth ('76) of Rochester Hills, took only one shot on the same hole.

Both players won two round-trip tickets anywhere in the continental United States on USAir, compliments of sponsor Ed Williams ('73) and Farm Bureau Insurance of Waterford, Michigan.

This was the first time in the history of the Katke-Cousins Golf Course that two holes-in-one were scored on the same day.

Many thanks to this year's committee, co-chaired by alumni Mike Henderson ('83) of Orchard Lake, Ed Williams ('73) of Waterford, and to the many sponsors and golfers who made this year's event the best yet!

Alumni Ambassadors Seek African-American and Hispanic Recruiters

The Alumni Ambassadors are gearing up to assist the Admissions staff in recruiting high school graduates for Oakland University.

This year, the Ambassadors will place special emphasis on recruiting African-American and Hispanic students through a

series of special recruiting events in the Detroit area and Kent, Ottawa, Muskegon, Genesee, Saginaw, Bay and the Thumb counties.

Also part of the itinerary will be a Hispanic Career Fair on October 12. Hispanic alumni are invited to return to campus for the day to talk informally with area high school students about their jobs and their Oakland University experience.

Volunteer Ambassadors help to recruit for OU by writing letters and making personal phone calls to prospective students and their parents with guidance from the Admissions staff. They may also choose to participate in fall and spring phonathons and attend local and regional college fairs.

Orientation for the 1993-94 Alumni Ambassadors is Saturday, September 11, from 9 a.m. to 1 p.m. in the Oakland Center. Lunch will be provided.

For more information, contact the Alumni Relations Office at (313) 370-2158.

Build Your Network at Career Information Day

It's back! Career Information Day, where alumni, corporate representatives, faculty and students mingle to share information about the job market and career strategies, is back as part of Homecoming on Friday, October 8, from 10:30 a.m. to 3 p.m. in the Oakland Center.

The alumni affiliates of the Schools of Business and Engineering and Computer Science invite you to take part in this event as an information resource volunteer or as an "interviewer."

Career Information Day is *not* a job fair. Alumni and corporate representatives make themselves available to be interviewed by students and fellow alumni about career path options, networking, and a host of other career topics. Sharing information and building networks are the goals.

You don't have to be a business or engineering graduate to participate. If you are interested in sharing your career hints as an information resource volunteer, or simply want more information, call Alumni Relations at (313) 370-2158 before September 28.

Whatever side of the Career Information Day table you plan to be on, plan to spend the day with us. And bring lots of business cards!

IN TOUCH

ALUMNI

1967

Pat (Simmer) and **Mike Dobosenski** attended the June '93 OU graduation of their daughter, **Christine**, who graduated magna cum laude. She works for Ford Motor Company and plans to be married in October. Their other daughter, **Kim**, graduated with honors from Seaholm High School this past June and attends Michigan Tech.

1969

Michael K. Honey's book *Southern Labor and Black Civil Rights* was recently published by the University of Illinois Press.

1970

Les Griffen was recently appointed Director, Corporate Employee Relations for Sprint Corporation in Westwood, Kansas. Les earned his master's degree in Industrial Relations from Wayne State University.

1971

Reverend Elizabeth Zivanov is a deacon in the Episcopal Diocese of Rochester, New York, and will be ordained as a priest on December 4, 1993.

1973

Anne Cairns Federlein, Ph.D. was recently named Dean of Behavioral and Applied Science at the State University of New York (Oneonta campus). Anne was previously an OU faculty member for several years.

Bruce Goren was recently named executive director of the Oakland County chapter of Mothers Against Drunk Driving (MADD). This is one of 400 chapters throughout the United States. Bruce also received an M.A. in guidance and counseling at OU.

Steven King was appointed a senior vice-president at Lutheran General Health System in Park Ridge, Illinois.

1974

Mary Beth (McKay) Stein is the full-time mom of four boys: Erik 10, Karl 9, Gregory 7 and Bradley, 4. She is active in religious education, cub scouts, YMCA, soccer and school library functions in Traverse City, Michigan.

Toby Stein, who received her M.A. from OU in 1975, was recently promoted to manager of the Human Resources Department at Service Centers Corporation in Southfield, Michigan. She also became a Certified Compensation Professional through the American Compensation Association. She and her husband Neal Alpin reside in Southfield, Michigan.

1976

Lawrence D. Hadley is president of Hadley & Associates, serving clients throughout Michigan and neighboring Great Lakes states. His company's main office is in Southfield, Michigan.

1977

Patricia (Ronan) Fincher is the secretary for the

Oakland University's

MEADOW • BROOK THEATRE

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1993-94 SEASON

Hilarious Farce

THE FOREIGNER September 30 – October 24

Murder Mystery

BLACK COFFEE October 28 – November 21

Holiday Favorite

A CHRISTMAS CAROL November 26 – December 30

Inspiring Drama

SHIRLEY VALENTINE January 6 – 30

Classic Comedy

YOU NEVER CAN TELL February 10 – March 6

Historical Intrigue

THE LAST DAYS OF MR. LINCOLN March 17 – April 10

Tony Award Winner

BROADWAY BOUND April 21 – May 15

TRY FLEX•TIX

Handy books of six or eight coupons. The perfect way to sample Meadow Brook Theatre at big savings. Perfect for the busy professional.

ALUMNI DISCOUNTS

OU Alumni receive a 20% discount on the purchase of one or two tickets for Tuesday, Wednesday and Thursday evening performances.

FOR TICKET INFORMATION
OR A FREE BROCHURE
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ARC of St. Clair County - Community Employment Program. Her son, Christopher, is 12 years old.

Carl E. Sheffer's promotion to Director, Western Regional Public Affairs, North American Operations was announced recently by the director of Public Affairs for General Motors NAO. Carl, his wife Beverly, and sons Brian and Brett reside in Westlake Village, California.

William R. Strother, Jr. was recently promoted to marketing manager for Surfactants at Hoechst Celanese in Charlotte, North Carolina.

1978

Kathleen (Ruhala) Hanyok recently costumed the

world premiere of the ballet *Los Mujeres*, performed by the Kinetics Dance Company at the Columbia Festival of the Arts, Columbia, Maryland. Kathleen owns and operates Katydidit Sewing Services in Baltimore, Maryland. During her college career Kathleen performed with the OU Slavic Folk Ensemble and worked on their costumes.

1979

Judy Kenney has been named vice president and general manager of WSYM-TV, Fox 47, in Lansing, Michigan.

Carol (Strother) Petrea is a lieutenant commander in the U.S. Navy. Currently she is based in Washington D.C. and assigned to the Navy Sealift Com-

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IN TOUCH

mand. She will be transferred to the island of Crete as an executive officer.

Toni Simonetti was promoted to director of Corporate Communications, General Motors, New York.

1982

Mary Smith was part of the team at Macomb Community College that earned the Silver Anvil, the top honor of the Public Relations Society of America.

Kathleen Walton, attorney at law, opened law offices serving Wayne County on Jefferson Avenue in Grosse Pointe Park and serving Macomb County on Greater Mack Avenue in St. Clair Shores, Michigan.

1983

Thomas Haiderer resigned from his product engineering position at Rockwell International after the birth of his second daughter July 31, 1991 to become "Mr. Mom." "Ms. Dad," **Donna (Taylor '83)**, works for GM Powertrain as truck engine program manager.

Lois Jackman was recently appointed general manager of the East York Symphony Orchestra in Toronto, Ontario, Canada, where she is currently principal flutist. Lois is also employed by the Association of Canadian Orchestras as coordinator of the Information/Resource Centre.

1984

LaKonka Malinda Colins authored *Moving into Dynamism, Humanity, and Perspectives*, a book challenging readers to reach their potential.

Kathy (Roman) and **Tim Hayward** announce the birth of Kella Maureen on June 24, 1992. Kathy teaches fifth grade in Walled Lake, Michigan and Tim is supervisor at FormTech in Royal Oak.

Gary D. Lichtman was recently appointed Media Relations Manager at University of Detroit Mercy. He and his wife, Suzanne (Drury) a systems analyst with AAA Michigan, reside in Farmington Hills, Michigan with their three-year-old daughter, Natalie Rose.

Kristina (Johnson) Martin married Mark on November 27, 1992. She works for Chippewa Valley Schools in Clinton Township, Michigan as director of Instructional and Management Systems.

Judy Palmu is assistant to the communications director for Governor John Engler.

1986

Lt. Cheryl Loubert, MC, USNR, finished her internal medicine residency at Portsmouth, Virginia Naval Hospital and transferred to Guam Naval Hospital as a staff physician.

Frank Fisher, Jr. is a manager with Radio Shack in Titusville, Florida. His wife, **Carole Ann ('90)** is a dental hygienist.

KEEPING IN TOUCH

OAKLAND UNIVERSITY MAGAZINE keeps you informed about — and in touch with — Oakland University and its many programs, alumni and friends. Please send us news (appointments, promotions, honors, marriages, children and other activities) about yourself or your Oakland friends. Moving? Send us your new address right away. Let's keep "in touch!"

Mail to: Office of Alumni Relations
John Dodge House
Oakland University
Rochester, Michigan 48309-4401

Name _____ Maiden name (if applicable) _____

☐ Check here if this is a new address

Address _____

City _____ State _____ Zip _____

Telephone (_____) _____ Class _____

Major/degree _____

IN TOUCH

Doug and Karen (Witt) Muniga are delighted to announce the arrival of their first child, Ross William, born March 10, 1993.

John Timothy Zipple PT, MS, OMPT, OCS, wife Nancy, daughter Monica, 3, and son Eric, 2 have moved to Durham, North Carolina. Tim will work at Duke University Medical Center after a two-year residency in manual therapy and orthopedics, and certification as an orthopedic specialist by the American Physical Therapy Associations.

1987

Michelle (Sultana) Pachla and her husband Ken are happy to announce the birth of their son, Kyle Scott, born May 5. Michelle is accounting manager at Mid-America Associates in Madison Heights, Michigan.

Dr. Richard W. Sadowski graduated from the National College of Chiropractic in April, 1991 and has been practicing in Commerce Township, Michigan since May, 1991.

1988

Kenneth R. Choops was elected president of the National Association of Purchasing Management Metro Detroit for 1993-94.

Eric R. Gettings married Debora Wogan on August 14, 1993.

Rosemary (Natzel) Haacke and her husband **Larry** ('87) are happy to announce the birth of their first child, Lauren Rose, born March 24. Rosemary is now teaching in Hamtramck, Michigan.

Allen Poag lives in Grand Rapids and is manager of cash management at Old Kent Bank.

1989

Deborah J. Hays is an information coordinator with Hospice of Southeastern Michigan, Southfield, Michigan.

1990

Rita Dusseau of Lake Orion, Michigan, is a relocation consultant for the Pontiac branch of Stevens Worldwide Van Lines, dealing with residential moves in Macomb County and in West Bloomfield, Michigan. She and her husband Larry are the parents of two adult sons.

1991

Deena Kalbfleisch has been named regional sales manager of Southfield-based *Detroit Metropolitan Woman* magazine.

Mike Schulte joined the Peace Corps and teaches accounting and bookkeeping at the Mathenge Technical Institute in Othaya, Kenya, which is located just north of Nairobi.

1992

Richard Zamora Malone is a staff assistant to Representative Dale Kildee at his offices in Pontiac and Flint, Michigan.

Laurie Rutkowski was recently hired by Heritage Broadcasting as marketing director of TV 9 and 10 in Cadillac, Michigan.

OAKLAND UNIVERSITY'S Department of MUSIC, THEATRE, AND DANCE

Upcoming Events

Who's Afraid of Virginia Woolf?
by Edward Albee
Fri. Sept. 24 & Sat., Sept. 25, 8 p.m.
Varner Recital Hall

Pontiac-Oakland Symphony
Gala Opening Night
Friday, October 15, 8:15 p.m.
Strand Theatre, Pontiac

Faculty Vocal Recital
From the Scottish Highlands to the French Countryside
Sat., Oct. 30, 8 p.m.
Varner Recital Hall

Oakland University Concert Band
Fri., Nov. 5, 8 p.m.
Varner Recital Hall

Oakland Dance Theatre
An Evening with Shane
Fri., Nov. 12 and Sat., Nov. 13, 8 p.m.
Sun., Nov. 14, 3 p.m.
Varner Recital Hall

Afram Jazz Ensemble & Vocal Jazz Ensemble
Jazz through the Years
Thursday, November 18, 8 p.m.
Varner Recital Hall

Oakland Chorale and University Chorus
Fri., Nov. 19, 8 p.m.
Varner Recital Hall

For more information call the Box Office (313) 370-3013 located in the lobby of the Varner Recital Hall, Room 200. Box office hours are noon to 3 p.m., Tue. through Fri.

Special assistance for physically challenged people may be obtained by calling the Box Office in advance of the performance.

PRESIDENT'S CLUB

Members who have joined the President's Club of the Oakland University Foundation since the last printing of the OAKLAND UNIVERSITY MAGAZINE.

Mr. & Mrs. Robert Appledorn, Troy

Mr. & Mrs. Rudolf B. Becker III,
Bloomfield Hills

Mr. Edward Berson, West Bloomfield

Mr. & Mrs. Donald F. Brown, Birmingham

Mr. & Mrs. Peter G. Cucinella, Orchard Lake

Dr. & Mrs. Jay W. Eastman, Rochester Hills

Mr. & Mrs. A. C. Edwards, Bloomfield Hills

Mr. & Mrs. Robert A. Everett, West Bloomfield

Mr. and Mrs. C. Gilkison, Jr., Rochester Hills

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Mr. & Mrs. Robert H. Knust, Farmington Hills

Mr. & Mrs. Joseph Krul, Rochester

Mr. & Mrs. Joseph T. Lentini, Rochester Hills

Mr. & Mrs. David J. Lochner, Troy

Mr. & Mrs. James A. Mallak, Jr., Rochester

Mr. James K. Noble, Livonia

Mr. & Mrs. Robert N. Nutton,

Huntington Woods

Mr. & Mrs. Edward L. Powers, New Baltimore

Mr. & Mrs. Leroy H. Runk, Orchard Lake

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Mr. and Mrs. William E. Long

Mr. and Mrs. Matthew A. Mendrygal

Mr. and Mrs. Dennis W. Roehrig

Mr. and Mrs. Eric E. Smith

Mr. and Mrs. Raymond W. West

In Memoriam

Mr. Charles W. Kelly

Mrs. Walter Carey (Elaine)

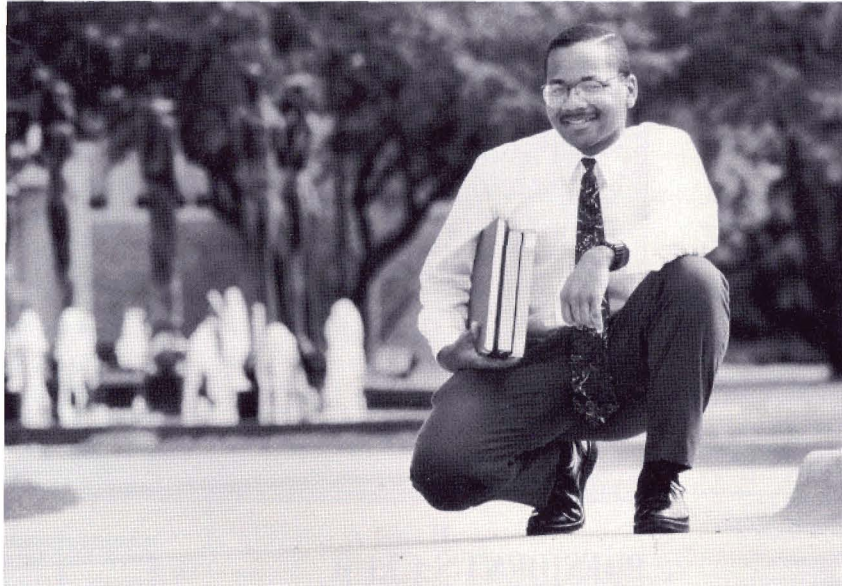
Mr. Stuart Hall

President's Club Ambassadors

Marian S. Mitchell (Mrs. William L.)

Engineering a Future

by Eric Burnett



Oakland University's School of Engineering and Computer Science has often been overlooked because of its short history and larger liberal arts reputation. The proposed science and engineering complex will help to change this view. Not only will the new building provide more space for our crowded and slightly outdated laboratories, but it will also stand as a testimony to Oakland's dedication to the future.

Oakland University has an attribute that is not shared by many colleges of the Mideast — it is located within minutes of the largest concentration of engineering companies in North America. The new science and engineering complex will grab the attention of the few international companies that are not already impressed by the quality engineers that Oakland has produced.

I owe part of my success in finding a summer internship to Oakland's location and reputation. My internship with ITT Automotive is an example of the possibilities for growing companies and eager engineering students. This experience has allowed me to reach beyond the theoretical boundaries of the classroom and to apply this knowledge to "nuts and bolts" real-world engineering. My internship with ITT has been a perfect complement to my college education. Now, I cannot imagine entering the engineering job market without the knowledge I have gained this summer.

As for my plans for the future, my summer internship has made

seeking employment following graduation very appealing. This realization is based on the enjoyment that I have had in locating problems and then designing solutions. The research and development work that I did this summer is something that I would like to do for the rest of my life. I realize, however, that in today's engineering market, a bachelor's degree is the minimum requirement I need to compete. With this in mind, education past my undergraduate degree is a wise option. Regardless of my choice, I know that Oakland University will be helpful in continuing my education or will have served me well as the starting point of a successful career.

If the desire to excel is present, Oakland definitely is the place to do it. ■

Editor's Note: Senior mechanical engineering major Eric Burnett, of Pontiac, Michigan, was named one of Oakland's outstanding students for 1993 by the Michigan Association of Governing Boards. In addition to working as a summer intern for ITT Automotive, he volunteers as a teaching assistant in the Detroit Area Pre-College Engineering Program and is the vice president of the student chapter of the American Society of Mechanical Engineers. Inducted into the Golden Key National Honor Society and Tau Beta Pi national engineering society, he has been awarded a full scholarship from First of America Bank.

Thursday, October 7
**Student Organization
Day**

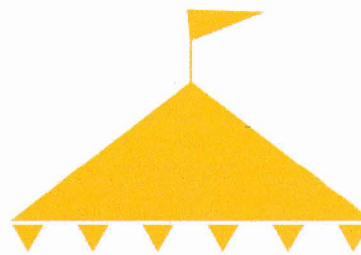
Friday, October 8
Alumni Career Day
Plus Meadow Brook
Theatre's comic season
opener, *The Foreigner*
and OU Mini-Macker
3-on-3 basketball.

Saturday, October 9
**Recreation,
Relaxation,
Reunion and
REEVES!**

Overnight accommodations
available through Hilton Suites
of Auburn Hills.

**Call the Alumni Relations Office
today** for more information and see
InTouch section of this magazine
for details.

Join the OUAA!
Admission to many
Homecoming activities
is free or at a special
discount with your
membership card!



Under the Big Top

**OAKLAND UNIVERSITY
HOMECOMING**

October 7-9, 1993



**Martha Reeves
AND THE VANDELLAS IN CONCERT!**

with special guest,
WDIV's 'Super Singer,' Harvey Thompson
Saturday, October 9, 1993, 8 p.m.
Oakland Center Crockery

**Just part of our three-day celebration
of the 110th birthday
of Oakland's founder, Matilda Dodge Wilson.**



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