



OAKLAND UNIVERSITY

News

104 North Foundation Hall
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A publication for faculty and staff

October 19, 1990



President Joseph E. Champagne presents Terence Kilburn with a plaque to commemorate his 20 years as artistic director of Meadow Brook Theatre. The brief ceremony at a benefit party for the Meadow Brooks on October 3 also honored Kiichi Usui, gallery curator, for his 25 years of service. Guests, including Mr. and Mrs. Eric Mittelstadt, left, toured the gallery's exhibit of costumes from past theatre productions.

Affirmative Action Plan Makes Strides Toward Goals

The university is making gains toward its affirmative action goals, the director of equal opportunity reports.

Catherine Rush told the Board of Trustees on October 10 that some hiring goals for women and minorities have been reached during the 1989-90 academic year. Rush noted that hiring opportunities did not come up in every area where the university has identified specific goals.

The director's report noted the following characteristics by job classification:

Faculty

During the 1989-90 recruitment and hiring period which began September 1, 1989, 29 tenure-track positions and 16 visiting positions were posted.

Rush said that of the 24 tenure-track faculty who have been hired, eight were women, two were blacks and three were other minorities. For federal equal opportunity reporting purposes, "other" includes Hispanics, Asian-Pacific Islanders and Native Americans.

"The university met goals for black faculty in two academic areas: mathematics and health sciences," Rush said. "I would note the availability of qualified female faculty suggests we can be more successful in hiring women into tenure-track positions. In some cases, offers were made to women who declined to accept."

Rush noted that goals are not set for visiting faculty. Of the 14 positions filled, however, eight went to women and one to a minority person.

Of the 362 tenure-track faculty members in place, 100 were women (27.6 percent), 15 were black (4.1 percent), five (1.4 percent) were Hispanic, and 31 (8.7 percent) were Asian-Pacific Islander, Rush said. In each category except Native Americans, where Oakland had none, the university exceeded the average for the other 14 state universities.

Executives and administrative-professionals

Forty-three persons were hired in the September-August period. Of these, 24 were women, 14 were blacks and four were other minorities.

"In each job group, a goal was met where

an affirmative action goal was identified and hiring opportunities existed, except (for) data processing analysts," Rush reported.

Goals were met for women in academic executive officers, executive officers/business and public relations, and coaches. Goals were met for blacks in academic executive officers, executive officers/business and public relations, student affairs administration and business services.

Paraprofessionals and Nonprofessionals

Rush said this classification included such job groups as clerical, skilled trades, food services and others. Of the 54 people hired in these job groups, 45 were women, eight were black and one was classified as an other minority.

"These strong numbers are not extraordinary in light of the availability of protected group members in these job groups," Rush said.

Hiring opportunities did not come up in each of the 13 job groups with affirmative action goals. A goal for women was met in computer-related technicians, but not in skilled trades. Goals for blacks were not met in health sciences, computer-related positions or skilled trades. Goals for other minority groups were not met in executive secretarial/office manager or grounds maintenance.

The report also noted the following initiatives will be undertaken during the 1990-91 academic year:

- Training sessions with each department on sexual harassment issues. The sessions will be coordinated with the Office of Equal Opportunity, the Employee Relations Department and the Provost's Office.
- Rush's office and ERD will work with academic units to intensify efforts to recruit Hispanic faculty members and staff. The OEO will track Hispanic job applicants to evaluate the success of these efforts.
- Two university-wide affirmative action committees will identify recruitment strategies and resources for faculty and noninstructional staff hiring.
- Rush's office will develop a method to inform hiring supervisors of the existence of affirmative action goals for each vacant position and of their success in meeting goals.
- The OEO will monitor reported cases of violations of the discriminatory conduct policy.
- President Joseph E. Champagne will appoint a community-based minority advisory committee to improve the relationship between the university and local minority communities.▼

Hammerle Lecturer to Look at Role of Intelligent Machines in Solving World Problems

The social and economic potential of intelligent machines in solving many of the world's most pressing problems will be explored during the fourth annual Hammerle Memorial Lecture.

James S. Albus, chief of the Robot Systems

Division of the National Institute of Standards and Technology, will deliver the 3:30 p.m. November 1 lecture in 201 Dodge. The lecture is free and open to the public. Reservations are not necessary. A reception will follow the lecture.

"Industrial robots and automated manufacturing systems are but the first of a new family of intelligent machines," Albus says. "Research in artificial intelligence and intelligent controls is leading to intelligent machine systems for manufacturing, construction, mining and agricultural applications on land, on and under the sea, and in outer space. These and other emerging technologies have the potential to eliminate poverty and usher in a golden age of mankind."

Albus, in his talk on *The Golden Age Which Could Be*, says three steps must be taken for the world to meet its potential for solving social and ecological problems. He urges massive investment to spur technological innovation and create new wealth, a "savings tax" to control inflation, and widespread ownership of the means of production to provide equitable distribution of wealth and income.

Albus is responsible for robotics and automated manufacturing systems interface standards research at the institute. He designed the control system architecture for the Automated Manufacturing Research Facility.

The director has received several awards for his work in control theory, including

Gold and Silver Medals from the Department of Commerce and the Joseph F. Engelberger Award.

The Hammerle Lecture is named for the late William G. Hammerle, a distinguished Oakland professor of engineering who died in 1986. For information about the lecture, call 370-2217.▼

TeleFund '90 Off to Quick Start

Organizers of TeleFund '90 know that financial support for the university exists, it's just a matter of finding enough people to ask for it.

Although that may sound a bit crude, it's a fact of life in the fund-raising business. This year's TeleFund '90 is long on potential donors, more than 13,000, but short on volunteer callers. The campaign goal is \$185,000.

Marguerite Rigby, director of alumni relations and assistant director of development, says the campaign in its first three weeks averaged about 14 or 15 callers a night. Twenty phones are available.

"We'd be absolutely delighted to have every phone going," she said. "When we see phones sitting unused, that's just calls that we're not making."

Twenty-eight nights of calls are scheduled until November 20. During the first week of calling from October 1-4, alumni pledged \$36,784. The second week raised another \$25,439. Added to those totals was \$16,110

received through a separate mail solicitation for membership in the University Associates and Dean's Club donor groups.

The TeleFund is just one of the methods used to reach alumni. Contributions are added to the Annual Fund.

The TeleFund is organized to reach alumni of each school or college during specific weeks. Faculty members and other volunteers make the calls. Students hearing from a former professor often respond generously, perhaps out of fear the ink on their final transcript is not yet dry.

"Students go through Oakland with a close, personal relationship with their professors. They remember that. The professors are also able to articulate a case for a specific department and alumni respond," Rigby said.

During the first week, William Macauley, political science, received \$2,275 in pledges

(Continued on page 4)

Blood Drive Needs Donors

Organizers of this month's blood drive want everyone to help round up potential donors.

The 18th annual fall blood drive is scheduled for 9 a.m.-9 p.m. October 29-31 in the Oakland Center Gold Rooms. Sign-up tables are available in the Oakland Center, or you may preregister in CIPO.

Julie Gauss, executive vice president of the American Marketing Association, is helping to promote the drive on campus and in surrounding communities. The metropolitan area typically uses far more blood than is donated, which forces the Red Cross to obtain the blood from other regions. She says donors will help the Red Cross save on the \$2 million a year it must spend to bring blood into Southeastern Michigan.

"All people are welcome, not just students, faculty and staff," Gauss says.▼

Sims, Googasian Elected Top Board Officers

The two officers elected to lead the university Board of Trustees for the next year bring long-standing experience in higher education and volunteer service to their positions. Howard F. Sims of Detroit, elected chairperson, and Phyllis Law Googasian of Rochester, chosen by fellow trustees to serve as

vice chairperson, were unanimously elected by the board on October 10. Sims replaces Patricia B. Hartmann, who served two years as chairperson. She remains on the board as a trustee pending reappointment by the governor. Sims has served on the board since 1981

when he was appointed by then Governor William G. Milliken. He was reappointed in 1988 by Governor James J. Blanchard.

Sims is cofounder and president of Sims-Varner & Associates, Inc., an architectural firm in Detroit. He is a graduate of the University of Michigan and a fellow of the American Institute of Architects and the Engineering Society of Detroit. In his career as an architect, Sims has directed planning and design of projects totalling well over \$1 billion in construction costs. His projects have included the undergraduate library at Wayne State University and buildings on the University of Michigan campus. Sims' firm has also done the Museum of African American History, Children's Museum and Wayne County jail additions.

Among numerous other civic activities have been service as chairman of the Metropolitan Detroit Youth Foundation, and membership on boards of the Citizens Research Council, the Detroit Economic Growth Corp., the Founders Society of the Detroit Institute of Arts, and the Boy Scouts of America. He has also served as a director with Comerica, Inc. and Michigan Consolidated Gas Co. and as a trustee for the Kellogg Foundation.

Civic awards include a Mercy Medallion in 1989 from Mercy College in Detroit; a gold medal in 1988 from the American Institute of Architects, Detroit Chapter; and the Silver Beaver Award in 1987 from the Boy Scouts of America.



Sims



Googasian

Googasian, a board member since 1984, is an activist for higher education in Michigan. She holds a degree in business administration from the University of Michigan. Following graduation, she worked in the personnel department of the city of Chicago and later was an assistant to former U.S. Rep. Billie S. Farnum.

Since 1985, Googasian has been active in the Michigan Association of Governing Boards as Oakland's representative. The MAGB represents the governing boards of the state's 15 public universities.

From 1987-89, she was cochair of the MAGB awards convocation for distinguished faculty members and outstanding students. From 1988-89, she was treasurer of the MAGB, and for 1990-91, she serves as cochair of the MAGB trustee leadership conference.

Googasian has been involved in numerous civic organizations and charities, including the American Cancer Society, March of Dimes, 4-H, Girl Scouts and school committees.▼

Hartmann Years as Board Chair Indicative of Community Service

Patricia B. Hartmann has made service to the community a way of life.

The university trustee is completing 10 years of service as a university trustee, the last two of which were served as chairperson of the board. She was vice chairperson from 1986-88.

Hartmann, an executive with Ziebart International Corp. in Troy and a Birmingham resident, has received numerous community awards for her civic work. In 1988, she received the Heart of Gold Award from the United Foundation.

In making that award, the foundation cited Hartmann's efforts, which include fund-raising on behalf of Oakland University, the Eton Academy (the only private school for disabled children in Michigan), the Detroit Institute of Arts and the Detroit Swedish Council.

Earlier this year, Hartmann was named

one of the Outstanding Volunteers of Michigan by the Michigan Chapter of the National Society of Fund Raising Executives.

The former board chairperson has also been involved with such organizations as the Boys and Girls Clubs of Southeastern Michigan, Cranbrook Academy of Art, Cranbrook Educational Community, Kingswood School, Michigan Cancer Foundation and the Michigan Opera Society.

Hartmann holds degrees from Oberlin College and Wayne State University. Most recently Hartmann and husband E. Jan Hartmann were recognized by Meadow Brook Hall for their continued support. The Hartmanns are members of the Pegasus Society, a donor group whose members have contributed at least \$25,000 to the hall. She is also a founding member of the Council for Preservation of Meadow Brook Hall.▼

Enrollment Up Slightly for Fall; FYES on Target

Fall enrollment has nudged up by 15 students to 12,400, as compared to fall 1989.

Georgia B. Aktan, director of institutional research, says statistics show enrollment of first-year students at 1,996, down from 2,137 last fall. Total undergraduate enrollment is 10,089, just three students lower than in fall 1989.

Total graduate enrollment, including master's, doctoral and education specialist, reached 2,311, up 18 students from last fall.

University officials say Oakland is on target

for the year in its credit delivery. The fall FYES (fiscal year equated students) count is 4,099, an increase of 19 over 1989. The university is budgeted for 9,275 FYES for the 1990-91 fiscal year. The FYES for summer and fall comes to 4,668.

FYES figures are determined by taking total numbers of credits delivered and dividing by a formula for undergraduate and graduate students. The figure is used for budget and state reporting purposes.▼

Faculty Lecture Series Looks at World Issues

Free faculty lectures are being held through November 1 to inform the university community of world events.

The noon-1 p.m. lectures are in 164 SFH. The series is sponsored by the Center for International Programs.

The next three speakers and their topics are:

- October 25 — *Teaching in Rural China* by Bill Fish and Richard Papan of the School

of Human and Educational Services. They spent the summer teaching at a provincial Chinese University.

- November 1 — *Muslim Challenges to Chinese Authority* by Linda Benson of the College of Arts and Sciences. She studies Chinese Central Asia and followed the stirrings of revolt against Beijing that occurred this past year.

Our People

Anyone within the university community may send brief items about professional activities to the News Service, 104 NFH. Items run as space allows.

PRESENTATIONS

KEITH KLECKNER, provost, addressed members of the Troy Chamber of Commerce Business and Education Partnership on the topic of *Oakland University: A Catalyst for Oakland County*. It was presented at the Northfield Hilton.

KEN YORK, business administration, presented *Social Change and Organizational Adaptation from EEO to AIDS* at the Association of Management Conference. Coauthor was Liz Barclay.

FRANK SCHIEBER, psychology, presented an invited colloquium on *Vision, Aging, Driving and Glare* at the General Motors Research Labs in Warren. The presentation focused on his research involving common age-related changes in visual function and their implications for automobile and highway design.

RICHARD HASKELL, engineering, presented a paper, *The Forth Course — A University Course on the Design of Embedded Systems*, at the Rochester Forth Conference on Embedded Systems. He also served on a panel, *Forth in Education*, at the conference.

DEVADATTA KULKARNI, mathematical sciences, spoke on *Indexed Monomials and Standard Bitableaux* at the Symposium in Algebra and Algebraic Geometry at the Indian Institute of Technology in Bombay.

PUBLICATIONS

JOHN S. KLEMANSKI, political science, has published *The Urban Politics Dictionary* with John W. Smith of Henry Ford Community

College. The book was published by ABC-CLIO of Santa Barbara, Calif. Klemanski is now back from London, England, after a year's leave. While there, he conducted research on British urban politics and served as a consultant to the School of Policy Studies, Cranfield Institute of Technology, in Bedford. The Leverhulme Trust of the United Kingdom funded his research.

SID MITTRA, business administration, wrote *Determining Life Insurance Needs to Evoke a Positive Client Response*. It was published in the *Personal Financial Planning* journal.

RONALD SUDOL, rhetoric, communications and journalism, has written *Principles of Generic Word Processing for Students Who Have Independent Access to Computers*. It was published in the current issue of *College Composition and Communication*.

AL LEDERER, business administration,

New Faces

Additions to the university staff include the following persons:

- FAYE ROBINSON of Rochester Hills, an administrative secretary in the School of Human and Educational Services.
- JACE SEARS of Columbiaville, a skilled trades II at Katke-Cousins Golf Course.

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 in ERD. A notebook with details about various conferences will also be kept in ERD. Call 370-3480 for details or see any of these committee members: Marguerite Rigby, chairperson; Margo King, Louann Stewart and Bill Marshall.

wrote *A Study of Personal Computer Utilization by Managers for Information and Management* with C. Mawhinney, *Information System Cost Estimating: A Management Perspective* for *MIS Quarterly* with four coauthors, and *Developing Strategic Information Systems: Some Lessons from Organization Theory and Research for Management Executive* with R. Nath.

AUGUSTIN K. FOSU, business administration, wrote *Exports and Economic Growth: The African Case for World Development*. His article with O. Izraeli, *Preferred Speed, Actual Speed and Marginal Benefit of Transportation Resources*, appeared in *The Logistics and Transportation Review*. Another article, *Black Unemployment in Michigan Under Democratic and Republican Governors*, appeared as chapter two in *The State of Black Michigan: 1990*, published by the Michigan State University Urban Affairs Programs and the Michigan Council of Urban League Executives.

HONORS

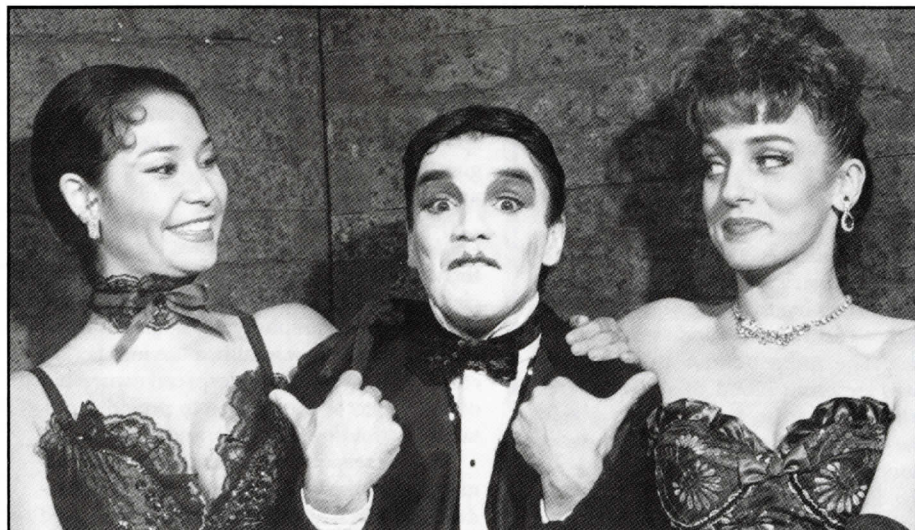
The September issue of *American Anthropologist* reviewed the latest film of Philip Singer, health sciences. Called *Psychic Surgery — A Case History of Shamanic Sleight-of-Hand*, the film was shot in the Kettering Magnetics Lab. The reviewer said the film "is an innovative piece of anthropological research,

moving ethnographic film into new and uncharted territory. It lays a worthy foundation for future studies of magical beliefs and practices."

Jobs

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

- Manager of data-base administration, AP-14, Office of Computer Services.
- Senior programmer analyst, AP-7, Office of Computer Services.
- Police officer/public safety officer, POAM, Department of Public Safety and Police.
- Food handler I, AFSCME, Food Service.
- Assistant director of annual giving, AP-7, Office of Alumni Relations.
- Staff physician, miscellaneous, Graham Health Center.
- Catering hostess, AFSCME, Food Service.
- Research assistant/electron microscopy, AP-6, Eye Research Institute.



Meadow Brook Theatre is off to a strong start for its 25th anniversary season with 'Cabaret,' the award-winning musical. The play is at the theatre until October 28.

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

Quote

"You can't hold a man down without staying down with him."

— Booker T. Washington

Bits & Pieces

Michigan Linguists to Gather

Linguists from throughout the state are expected here to attend the annual meeting of the Michigan Linguistics Society on November 2.

The Department of Linguistics and the College of Arts and Sciences are sponsoring the event. Professor David W. Lightfoot of the University of Maryland will be guest speaker.

Cosponsoring the meeting are the offices or departments of computer science, English, modern languages and literatures, philosophy, psychology, reading, sociology and anthropology; the Japan Program; and the Center for International Programs.

Eat, Drink and be Wary

Coffee drinkers rejoicing over last week's announcement in the *New England Journal of Medicine* about caffeine and heart disease have missed the point, says the director of the Meadow Brook Health Enhancement Institute.

The danger of caffeine is not in increasing the risk of heart disease, Fred Stransky says, but in how as a stimulant it changes a person's mood and heart rate. Someone with an irregular heart beat, for example, should avoid stimulants of all kinds, including caffeine, he adds.

"When we've expressed concerns for caffeine, never have we suggested that there was a link to coronary artery disease. Not one time. Our concern is that when you use stimulants, they influence how you feel. There are so many physical symptoms and emotional symptoms that are associated with caffeine. It's not that much of a concern as it relates to disease. We ought to be equally concerned about how people feel. People who use stimulants, whether it's Benzedrine or caffeine, get into trouble emotionally and physically."

As for decaffeinated coffee and heart disease, Stransky says, there was a very weak statistical link between the two, as the report noted. "There's no biochemical explanation for why decaffeinated coffee would be harmful to people, and certainly not associated with coronary artery disease."

Stransky and the institute staff continue to urge proper nutrition and exercise as a way of life, and that includes cutting down on or eliminating caffeine. "Drink your coffee, just so long as it's decaffeinated," he says. About caffeine, Stransky intones, "It's a bad drug."

Prof to Detail Czech Revolt

A native Czechoslovakian will address the university community on her homeland's 1989 revolution.

Assistant Professor Mary Hrabik Samal of the Department of History will speak and show slides of *The Velvet Revolution* at 7:30 p.m. November 1. Her talk will be in 202 O'Dowd.

The free talk is sponsored by the History Club.

Watch for UW Mailing

United Way fund-drive pledge forms are now circulating.

Bill Marshall, Oakland Center director and fund drive chairperson, says if you did not receive a pledge form, call 370-3245 and one will be sent to you.

The United Way drive benefits more than 150 health and human-service agencies in Oakland, Macomb and Wayne counties.

Student Helps Hospital

Senior Guy Sferlazza has presented Children's Hospital in Detroit with a donation of \$431.74 earned from a musical he produced on campus.

The money came from admission to his three *Sea Scenes* multimedia shows in August. Sferlazza made the presentation on October 2 at the hospital, where he also performed for the children.

For America to improve its educational system, it must first clarify where it stands and where it wants to be.

"America's small businesses and large corporations have an important role to play in this effort, and they will unquestionably be beneficiaries of its success," said Donald Petersen, former chairman and chief executive officer of Ford Motor Co. Petersen spoke on the need for an improved educational system at the fifth annual Business Forum held at Shotwell-Gustafson Pavilion.

Petersen said that although Ford Motor Co. has been active in promoting education for its employees, that may be the exception rather than the rule.

Citing an analysis by the National Center on Education and the Economy, Petersen said two findings stand out.

"First, only about 5 percent of American companies worry about skill requirements of the work force in any serious way. Second, less than 10 percent of employees receive any formal training, and most of what they receive is limited to orientation or short safety courses.

"My guess is that to the extent these figures are true, they reflect the problems that small and medium-sized firms face in trying to provide the kind of education and training that's available as a matter of course in larger corporations. We have to hope that the successful efforts of major companies at some point are emulated throughout American business at all levels."

Providing financial support is not the sole solution, Petersen said. "There's something else the corporation must do for education reform, and that is to demand results. It can do so in at least two areas. It can demand results from young people and from educators."

Petersen recalled that high school students in the past who planned to go to college were expected to follow a rigorous secondary-school program.

"Those who planned to go to work just slid by. I think it's time American business said: 'We will not hire you unless you've studied English for four years and unless you've taken two or three years of mathematics and science.'

"We cannot 'dumb down' the work for you. All of us have to work smarter."

The burden of proof is not entirely on students, Petersen indicated.

"With regard to educators, I think corporations need to say, 'We will not support increased funding for schools until you show us you can improve student achievement. But if you can do that, nobody will be a firmer supporter of education than the business community.'"

The former auto executive commented that educational reform goes well beyond the schools. "Above all, I think it imperative to understand that when we talk about educational reform we are talking about nothing less than rebuilding our sense of purpose and making whole the fabric of our national life.

"Obviously, all of that is a tall order. But I don't think it beyond our reach. After all, if we have the wit to conceive of new possibilities, then we can summon the will to grasp them.

Petersen cited support for his view that something must be done. Rushworth Kidder of the *Christian Science Monitor* interviewed 22 leading thinkers around the world four years ago. They identified "high-intensity, high-impact" issues facing the world as it approaches the 21st century. The six problems that dominated were the threat of nuclear annihilation, the danger of overpopulation, the degradation of the environment, the gap between the haves and the have-nots, the breakdown in public and private morality, and the fundamental need to restructure education.

"I happen to believe that if we can get education right, many other things will fall into place. But if our educational system is wrong, many other things run the risk of being all wrong as well. Once you get beyond the specifics of dropout rates, and curriculum, and student achievement, education is all about shared values and common purposes."

Petersen, a recognized authority on busi-

Business Forum Speaker Calls Education the Linch Pin for Economic Survival



How to Dress for Success

Donald Petersen, former chairman and chief executive officer of Ford Motor Co., shows off the latest addition to his wardrobe after delivering the annual Business Forum luncheon address before nearly 700 guests.

ness issues, served on the Business-Higher Education Forum that studied various reports on education reform. "What we found fascinating after looking into some 20 of the reports was that although most of them agreed on the nature of the problem, very few of them agreed on the nature of the solution.

"As different pilots seized the rudder of educational reform, the ship went around in circles. But we wanted to try to chart a truer course, so we tried to address the education issue in its entirety—starting with early childhood and continuing through adult on-the-job training.

"We sought to encourage consensus for reform in the academic preparation of our young people. We recommended the development of a comprehensive training and retraining policy for the American work force. And we urged a commitment, public and private, to strengthen the nation's scientific and technical foundation—within our colleges and universities, certainly, but in the elementary and secondary schools, as well."

Petersen said American students are falling far behind their counterparts in other industrialized nations. "As a businessman, I've been deeply troubled for some time by the academic performance of the students coming out of our high schools. Should we not all be concerned that among 17 countries participating in mathematics testing, the performance of America's seniors is the lowest of the advanced industrialized countries?

"The achievement of our best mathematics students is on a par with the performance of the average student in other countries. What kind of future lies before us if that is the level of effort we accept from our students?

The Business Forum was sponsored by the School of Business Administration Student Board in cooperation with Ameritech Publishing, Inc. The board represents Alpha Kappa Psi Fraternity, the American Marketing Association, the American Production and Inventory Control Society and the MBA Association.▼

Morris Center Receives \$31,250 Grant for Union/Minority Project

The Ken Morris Center for the Study of Labor and Work has received a \$31,250 grant to continue the 13th year of the Union Minority/Women Leadership Training Project.

The program is designed to fill the need of integrating women and minorities into their trade union organizations.

Funds are provided by the state and administered through Wayne State University. Programs include teaching leadership and learning skills, including reading, writing and analytical skills, as well as life skills like assertiveness, public speaking and goal setting.

David Cooper, director of the Morris facility, says major Oakland programs last year

included the Labor Education/Life Skills Program, the Black Working Family Conference, career days and the Michigan Spring School for Working Women.

Other universities participating in UM/WLTP are Northern Michigan, Michigan State, University of Michigan and Eastern.▼

University a Step Closer to Campus-Wide Computers

Fiber-optic cables now being strung throughout campus will form the backbone of an advanced communications network.

The cables are part of the upgraded computing facilities the Office of Computer Services is installing for Oakland. Once connected, the cables will link local area networks within different buildings to central computers. Eventually, anyone with a computer in the office will be able to link up to the campus-wide network and to anyone on it.

Fiber optics, unlike regular data transmission cables, use light beams to carry information. Each two-strand loop can carry 10 million characters of data per second, says Robert Robinson, computer center director. A cable has 12 strands for ordinary computer use and six more that could someday be used for video signals.

Robinson says the project involves placing fiber-optic cables between buildings. The cables will connect to "concentrators" in each building, which in effect translate the light sent through the fiber-optic cables into electronic signals for the computers. The trans-

lated signals are carried through the buildings over ordinary two-line telephone wire.

"Our intention is to wire every building from top to bottom as funding permits," Robinson says.

The job is much more difficult than just stringing cables and plugging them into the concentrators. Robinson says the ends of each fiber cable must be cut, polished and glued carefully to a terminator before being connected. Once installed properly, technicians must verify that each cable strand works by sending light through it.

"It's a high-tech enterprise," the director says.

Faculty and staff will benefit from increased access to computing capabilities. As it is now, anyone with a computer, a modem and authorization can gain access to some services, including electronic mail. Additional services are also available, such as access to outside computers through MERIT and other networks. However, using a modem ties up a phone line.

The new cabling will eliminate the need for modems and increase data-transmission speed. It will also make it easier for depart-

ments to gain access to academic and administrative computing programs as needed.

In the meantime, the university continues to shift computing functions to the new DEC computer in Dodge Hall that is used mainly for academic computing. Administrative computing is handled on an off-campus mainframe computer operated by MCN, Inc. The university leases time on that computer.

The new computers take some of the load off the Honeywell Multics system, which may soon qualify for museum-piece status. Not all programs operating on Multics can be transferred easily to the new computers, which is why it is still being used. Since an abacus is more durable than the Multics system, Robinson strongly urges anyone using Multics to find alternatives.

"The Honeywell machine is really unstable. It breaks down and parts are scarce," he says.

Robinson jokes that computing with Multics is like driving an Edsel today, but the Edsel has an advantage. "With an Edsel, there's a whole lot of people out there willing to help you find parts."▼

Jarski to Begin National Study of Physician Assistants

What kind of person becomes a physician assistant to fill an important health care need in this nation?

An Oakland health sciences professor will do some 500 personality profiles of students and graduate physician assistants to find out.

Robert Jarski received a

\$5,000 grant for his study from the American Academy of Physician Assistants (AAPA) to study subjects across the nation.

Jarski says, "For the past 25 years, certified physician assistants have been delivering a variety of health care services, including performing comprehensive physical exams, evaluating com-

mon health problems and diseases, educating patients about their medical care, prescribing medications and managing emergencies."

Jarski says the study will provide information that will further enhance communication and relations with patients and other health professionals.

The AAPA Physician Assistant Foundation made the competitive award based on the project's potential benefits, the soundness of the methodology and instruments, and the ability of the results to answer key research questions affecting the physician assistant profession.▼

University Submits Budget Requests for 1991-92

The estimated cost of running Oakland University for 1991-92 is \$67.3 million.

The budget request for next year was approved by the Board of Trustees at the October 10 meeting. It will be submitted to the Executive Office of the state.

The budget request for operating needs is approximately \$5.5 million greater than the budget approved for 1990-91. Under state law, the 1991-92 request must be submitted before November 1.

Robert J. McGarry, vice president for finance and administration, submitted the request to the board. Program revisions in the proposed budget total nearly \$1.7 million. They include:

- Funds for Kresge Library collections and information access, \$1 million.

The request notes that the North Central Association accreditation team cited the library as having only half what it needs to add to acquisitions. The money would be used to add journals and monographs and additional services, plus fund four service personnel to support acquisitions.

"The funding plan would supplement the current library general fund budget, would

ensure that Oakland's accreditation would not be jeopardized, and would assist significantly in sustaining a high quality, cost-effective library commensurate with the instructional and research programs of the university," McGarry said.

- Reinforcement of services to minority and disadvantaged students, \$85,000.

The money would fund Project ADVANCE to improve the retention and graduation rates of disadvantaged students by providing four weeks of academic skill-building coursework. This would be in addition to the eight-week Academic Opportunity Program that is now offered.

It is anticipated that by strengthening the students' academic base in their first year, their chances for success in later years will increase and more students will graduate.

- Enhancement of services to students with disabilities, \$70,000.

Over the past seven years, the number of students requesting services has risen from 13 to an estimated 75-85 this fall. The funds would be used to add a staff member to the Office of Special Advising to help meet the needs of students.

- An addition to the Kresge Library operating budget, \$248,000.

The funds would be used for additional custodial services, building and grounds maintenance, utilities and other costs incurred due to the larger building.

- Space rental for Vandenberg Hall, \$70,000; the Oakland Center, \$120,000; and Meadow Brook Health Enhancement Institute, \$66,000. Generally, space rental involves payments to these facilities for space that might be revenue generating but is used instead for educational purposes. The funds would provide for custodial services, building and grounds maintenance, utilities and other costs.

The remainder of the increase would go for a 7 percent increase in employee compensation costs and a 5 percent inflationary increase in noncompensation costs.

Budget figures include a request for a \$42,610,000 state appropriation, up from \$35,555,000 this year based on the state's October 1-September 30 fiscal year. The budget assumes no increase in tuition and fees for 1991-92.▼

TeleFund

(Continued from page 1)
and Bob Stern, chemistry, came in second with \$2,200. Those figures will be even better once matching gifts from some donors' employers are added.

Donors have the option of making undesignated gifts or specifying programs or departments for their contributions. How the TeleFund helps departments can be seen in just one example. Last year alumni responded to requests to help purchase equipment for physical therapy students. With the help of alumni, a computerized motion anal-

ysis system was purchased by the School of Health Sciences.

Rigby noted that again this year the Oakland University Foundation has issued a challenge to alumni. Some gifts are matched on a two-for-one basis and others on a three-for-one basis, depending on size of gift. The matching portion, up to \$100,000, will be credited to Kresge Library for acquisitions.

Volunteers have their choice of calling nights. The evening begins with a 5:30 p.m. supper at John Dodge House, brief training and then calling from 6:30-9 p.m. Prizes are

awarded for such things as most pledges received by a caller.

Rigby said that anyone, not just the faculty, who is interested in helping with TeleFund may call Bob Meyer, interim assistant director of the annual fund, at 370-2158. Students are also welcome to volunteer, and doing so counts as service for Student Life scholarships.

"The money is available if someone will just make the telephone calls," Rigby said.▼

Events

CULTURAL

Until October 28 — Play, *Cabaret*, Meadow Brook Theatre. Times vary. Admission. Call 370-3300.

Until November 11 — Exhibition, *A Retrospective: 25 Years of Meadow Brook Theatre Stage and Costume Design*. Hours vary. Free. Call 370-3005.

October 28 — Concert, *Music of Venice*, by the Oakland Chorale, Madrigal Singers and Oakland Renaissance and Baroque Ensemble, 3 p.m., Varner Recital Hall. Sponsored by the Center for the Arts. Call 370-3013.

November 1-25 — Play, *Mousetrap*, Meadow Brook Theatre. Times vary. Admission. Call 370-3300.

November 2-4, 9-11 and 16-18 — Play, *Romeo and Juliet*, Varner Studio Theatre. Times vary. Admission. Sponsored by Department of Music, Theatre and Dance. Call 370-3013.

November 4 — Lafayette String Quartet concert, 3 p.m., Varner Recital Hall. Admission. Call 370-3013.

November 9 — OU Concert Band, 8 p.m., Varner Recital Hall. Free. Call 370-3013.

November 12 — Concerts-for-Youth Series, *Pinocchio*, by the National Marionette Theatre, 10 a.m., Varner Recital Hall. Sponsored by the Center for the Arts and Oakland Schools. Admission. Call 370-3013.

November 16 — Pontiac-Oakland Symphony concert, 8 p.m., Varner Recital Hall. Admission, at door. Call 370-3013.

ETCETERA

October 19-20 — 29th annual Writers' Conference, Oakland Center and Meadow Brook Hall. Admission. Sponsored by the Division of Continuing Education. Call 370-3120.

October 24 — Information session for students interested in careers in dentistry, with Dr. Jed Jacobson, assistant dean of admissions, University of Michigan School of Dentistry, noon-2 p.m., Oakland Center Meadow Brook Room. Free.

October 24 — Seminar, *Trauma and Near-Death Experience*, by Professor Ralph Schillace, noon, Oakland Center Fireside Lounge. Free. Sponsored by Jewish Students Organization/Hillel. Call 370-4257.

October 24 — School of Business Administration Career Information Day, 11 a.m.-3 p.m., Oakland Center Crocker. Free. Sponsored by SBA and SBA Alumni Affiliate. Call 370-2158.

October 24 — Graduate Open House, 4-8 p.m., 126-127 Oakland Center. Free. Sponsored by the School of Human and Educational Services. Call 370-3083.

October 25 — Lecture, *Teaching in Rural China*, with Bill Fish and Richard Papan of the School of Human and Educational Services, noon-1 p.m., 164 SFH. Free. Sponsored by the Center for International Programs.

October 25 — Multicultural Event Planning Committee meeting, noon, Oakland Center Faculty Lounge.

October 26 — Seminar, *Bankruptcy Law and the Legal Assistant*, 9 a.m.-4 p.m., Meadow Brook Hall. Admission. Sponsored by the Division of Continuing Education. Call 370-3120.

October 29-31 — Blood drive, 9 a.m.-9 p.m., Oakland Center Gold Rooms. Sign up tables are in the Oakland Center, or call CPO at 370-2020.

November 1 — Lecture, *Muslim Challenges to Chinese Authority*, by Linda Benson of the College of Arts and Sciences, noon-1 p.m., 164 SFH. Free. Sponsored by Center for International Programs.

November 1 — Hammerle Memorial Lecture, *The Golden Age Which Could Be*, by James S. Albus, chief of the Robot Systems Division of the National Institute of Standards and Technology, 3:30 p.m., 201 Dodge. Free. Call 370-2217.

November 1 — Lecture, *The Velvet Revolution*, by Mary Hrabik Samal of the Department of History, 7:30 p.m., 202 O'Dowd Hall. Free. Call 370-3510.

November 2 — Michigan Linguistics Society annual meeting, all day. Hosted by Department of Linguistics and the College of Arts and Sciences. Call 370-2175.

November 3 — Lecture, *Art in the Age of Thomas Jefferson* opens a three-part Perspectives on Art lecture series, 10 a.m.-noon, Meadow Brook Hall Carriage House. Admission. Sponsored by Division of Continuing Education. Call 370-3120.

November 5-14 — Early registration for winter semester. *Schedule of Classes* available in 100 O'Dowd starting October 29.

November 6 — Academic Edge Toastmasters, noon-1:30 p.m., 401 Hamlin Hall. Guests welcome. Free. Call 370-3184.

November 8 — Seminar, *Encounters of a Close Kind: Meeting the Talmud*, with Rabbi Rod Glogower of Ann Arbor, noon, Oakland Center Faculty Lounge. Free. Sponsored by Jewish Students Organization/Hillel. Call 370-4257 or 443-0424.

November 8 — University Senate meeting, 3:10 p.m., Oakland Center Oakland Room. Call 370-2190.

November 16 — Stately Dinner at Meadow Brook Hall, 7:30 p.m., Meadow Brook Hall. Admission. Call 370-3140.

November 18 — Fine art auction to benefit Meadow Brook Art Gallery, 4-7 p.m., Erhard BMW dealership, Bloomfield Hills. Call 370-3005.

CLASSES

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

ATHLETICS

October 20 — Soccer with Gannon University, 2 p.m., Pioneer Soccer Field. Call 370-3190.

October 20 — Women's tennis with Saginaw Valley State University, noon, Lepley Sports Center. Call 370-3190.

October 30 — Volleyball with Hillsdale College, 7:30 p.m., Lepley Sports Center. Call 370-3190.

November 3 — Soccer with Eastern Michigan University, 2 p.m., Pioneer Soccer Field. Call 370-3190.

FILMS

October 19 and 21 — *RoboCop 2*, 7 and 9:30 p.m. Friday and 7 p.m. Sunday in 201 Dodge Hall. Admission. Call 370-4296.

October 26 and 28 — *Days of Thunder*, 7 and 9:30 p.m. Friday and 7 p.m. Sunday in 201 Dodge Hall. Admission. Call 370-4296.

November 2 and 4 — *Back to the Future, Parts I, II and III*, times to be announced, 201 Dodge Hall. Admission. Call 370-4296.

November 9 and 11 — *Dick Tracy*, 7 and 9:30 p.m. Friday and 7 p.m. Sunday in 201 Dodge Hall. Admission. Call 370-4296.

November 16 and 18 — *Another 48 Hours*, 7 and 9:30 p.m. Friday and 7 p.m. Sunday in 201 Dodge Hall. Admission. Call 370-4296.

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